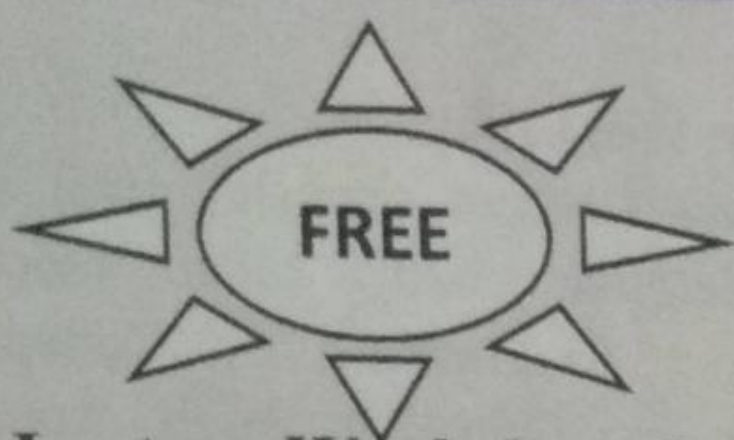


2018-2019

**1. Lecture workshop –
Biotechnology, Bioprospecting
and bioresource conservation**



**Lecture Workshop On
Biotechnology, Bioprospecting
and Bio-Resource conservation**

17th & 18th, August, 2018

FREE REGISTRATION FORM

Name :
Designation :
College name :
Department :
Address :
Mobile No :
E-mail :
Accommodation :
(Required)

Applicant Signature

Date:

Place:

Address for communication:

Dr. P Dhasarathan,
Organizing Secretary
Prathyusha Engineering College
Chennai – 602 025
Mobile: 98431 92763
hod.biotech@prathyusha.edu.in

Resources persons:

Dr. D.J. Bagayaraj
INSA Honorary Scientist & Chairman
CNBRCD, Bangalore - 560065

Dr. Archunan, Professor,
Professor, Dept of Animal Sciences
Bharathidasan University, Trichy

Dr.D.Theertha Prasad,
Former Prof & Head, Dept of Biotech,
UAS, GKVK Campus,
Bangalore - 560065

Dr. Harini Kumar
Professor, Dept. of Biotech,
UAS, Bangalore - 560065

Convener

Dr. D.J.BAGAYARAJ
INSA Honorary Scientist &
Chairman, CNBRCD, Bangalore

Co-ordinator

Dr. A.J.A. RANJITSINGH
Professor, Dept. of Biotechnology
Prathyusha Engineering College
Chennai - 602025



**Two days
Lecture Workshop
On
Biotechnology, Bioprospecting
and Bio-Resource Conservation**

Organized By



ESTD. 2001
Department of Biotechnology
Prathyusha Engineering College

Sponsored By
Indian Academy of Sciences,
Bangalore

Indian National Science
Academy, New Delhi
The National Academy of
Sciences India, Allahabad

17th & 18th, August, 2018

About the College

Prathyusha Engineering College is established by Prathyusha educational trust promoted by Prathyusha group of companies, who are into shipping, logistics, warehousing, power, aqua and construction, fertilizers, mining and real estate. The college is situated at Aranvayalkuppam along Poonamallee – Tiruvallur high road. PEC, a Telugu minority institution is affiliated to Anna University, Chennai and approved by AICTE. PEC is accredited by NBA & NAAC "A" Grade and stepping into a glorious 18th year of meaningful educational service. PEC offers undergraduate programme in B.E., (ECE, EEE, CSE, Civil and Mech.,) and B. Tech (Biotech) and 6 postgraduate programme (including CSE, Communication systems, Power electronics). PEC aesthetically designed campus is spread over 60 acres and has about 2, 50, 000 sq.ft, build-up area. Excellent infrastructure facilities, well maintained eco-friendly campus, digital class rooms, state -of- art laboratories, modern library, separate hostel for boys and girls and students' centric academic ambience are just a few of the many sterling features of that go into making PEC a front runner in technical education.

About the Department

The department of Biotechnology was started in the academic year 2001-2002 and offers B.Tech (Biotechnology) programme. The department is accredited by NBA. The department has well-furnished state -of- art laboratories like Biochemistry lab, Genetic Engineering lab, Bioprocess lab and Chemical engineering lab. The department has 9 faculties of which 5 are Ph.Ds. and 1 is pursuing Ph.D. The department is a front runner in research and development activities and organizing seminars / conferences / symposia.

Day 1 : 17.08.2018

08.30 am	Registration
09.15 am	Prayer
09.20 am	Welcome address
09.35 am	Felicitation of the chief guest
09.45 am	Inaugural address
10.15 am	Key note address
10.30 am	Presidential address
10.00 – 11.30 am	"Soil Biodiversity" Dr. D.J. Bagayaraj
11.30-12.30pm	"Biofuels" Dr. Harini Kumar
02.00-3.30pm	"Biotic stress vs Single gene is no more a myth" - Dr.D.Theertha Prasad
03.30-5.00pm	"Molecular Markers" Dr. Harini Kumar
Day 2 : 18.08.2018	
09.00-11.00 am	"GM Food Crops" Dr.D.Theertha Prasad
11.30-01.00 pm	"Chemical Signaling and application in Biotech" Dr. Archunan
1.30-3.00pm	Microbes as a source of human Medicine Dr. D.J. Bagayaraj
3.00-4.30 pm	"Strategies to conserve Bioresource potential" Dr. Archunan
4.30-5.00 pm	Valediction

Venue of the Workshop:

The two days Lecture workshop will be held at Seminar hall, Main block, Prathyusha Engineering College, Poonamallee to Tiruvallur High Road, Chennai – 602 025

Who should attend the workshop?

Students undergoing UG PG Life sciences, Research Scholars from recognized institutions, Teachers and Industry people.

About the Workshop:

The workshop gives in depth knowledge in the field of Biotechnology and Microbiology. The workshop deals with chemical signaling and its biotechnological application, various processes of biofuels, conservation of bioresources, fermentation technology and molecular markers with its applications in biotechnology. In addition to this the lecture workshop will be discussing the various biotechnological methods for transgenic animals and the role of microbes in human medicine.



Two days Lecture Workshop on

“Biotechnology, Bioprospecting and Bio-Resource Conservation”

Organized By : Department of Biotechnology

Sponsored By : Indian Academy of Sciences, Bangalore

Indian National Science Academy, New Delhi

The National Academy of Sciences India, Allahabad.

Date: 17.08.2018 & 18.08.2018

Venue: PEC Seminar Hall

CONVENOR

Dr. D.J.BAGAYARAJ

INSA Honorary Scientist & Chairman, CNBRCD, Bangalore

CO-ORDINATOR

Dr. A.J.A. RANJITSINGH

Professor, Dept. of Biotechnology

RESOURCES PERSONS:

Dr. D.J. BAGAYARAJ

INSA Honorary Scientist & Chairman CNBRCD, Bangalore.

Dr. ARCHUNAN,

Professor, Dept of Animal Sciences

Bharathidasan University, Trichy

Dr.D. THEERTHA PRASAD,

Former Prof & Head, Dept of Biotech,

UAS, GKVK Campus,

Bangalore.

Dr. HARINI KUMAR

Professor, Dept. of Biotech,

UAS, Bangalore.

About the Workshop:

The two days Lecture Workshop on **Biotechnology, Bioprospecting and Bio-Resource Conservation** organized by Department of Biotechnology sponsored by Indian Academy of Sciences India, Bangalore Indian National Science Academy, New Delhi, The National Academy of Sciences India, Allahabad on 17th & 18th, August, 2018. The main objective of the workshop is to give in depth knowledge on the various fields of biotechnology.

Registration:

Totally, **175 participants** including students, staffs and industrialists were registered for the Lecture workshop from 22 institutions from industries of Chennai, Tiruvallur, Kancheepuram and Coimbatore. Out of registered 175 participants, **143 participants** were participated. From various institutions like Madras University, MGR University, SRM University, Sathyabama University, Karpagam academy of higher education, Loyola College and various Engineering colleges.

DAY 1: 17.08.2018

The workshop was inaugurated with lighting the lamp with the eminent chief guests and participants followed by welcome address given by Dr.A.J.A. Ranjit Singh, Professor, Dept of Biotechnology, PEC. The awareness about Lecture Workshops and INSA sponsored internships for interested students was given by Dr. D.J.Bagayaraj, INSA Honorary Scientist & Chairman.

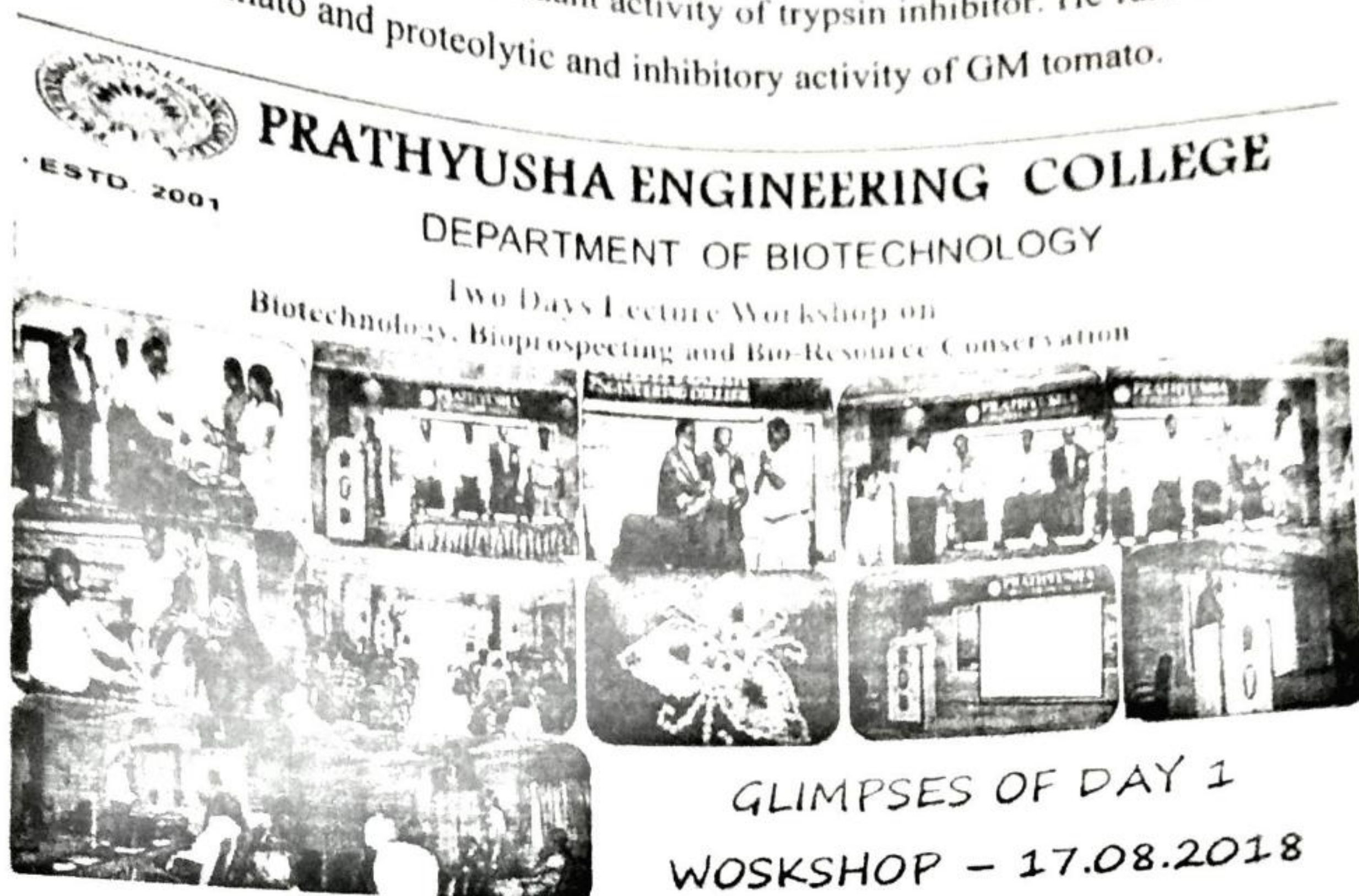
Technical Session I was kick started by Dr. Harini Kumar, Professor, Dept. of Biotech, UAS about "Biofuels". He explained about first, second and third generation biofuels and outlined the importance of bioethanol production from natural resources.

Followed by technical session II by Dr. D.J.Bagayaraj, INSA Honorary Scientist & Chairman on the topic of "Biodiversity and uses of Microorganisms". He had given wide knowledge about biofertilizers, arbuscular mycorrhizal fungi, phosphate solubilizing bacteria, PGPR, bio-control agents, microbes and foods in aquaculture, microbes in industries, paper manufacturing and biodiversity. Finally he explained about various funding agencies which can provide fund for biodiversity projects.

Technical session III was given by Dr. Harini Kumar, Professor, Dept. of Biotech, UAS on "Molecular Markers". He covered various non-PCR (RFLP) methods and PCR (RAPD, SNP, SCAR) methods. He explained about Micro satellite markers which can be used in fingerprinting and genetic maps.

Technical session IV by Dr.D. Theertha Prasad, Former Prof & Head, Dept of Biotech, UAS on the topic "Biotic stress vs Single gene is no more a myth", He mainly explained about proteinase inhibitors and

his research in trypsin inhibitor(ChTi) extracted from *Cocculus hisatus*. His research works included ascorbic acid, carotenoid, flavonoids, antioxidant activity of trypsin inhibitor. He further described about his research on hybrid GM tomato and proteolytic and inhibitory activity of GM tomato.



DAY 2: 18.08.2018

On second day, the workshop was initiated with video clips of achievements of Biotech department, followed by welcome address given by Dr.P.Dhasarathan, HOD, for the new guest Dr.G.Archunan, Professor, Dept.of Animal Science, Bharathidaasan University.

Technical session I was started by Dr.G.Archunan about "Chemical signals and their biotechnological application". His area of research work is mainly based on Pheromones and explained various sources and properties of Pheromones. Furthermore, he gave detailed information of various analytical methods for the identification of Pheromones.

Technical session II by Dr. D. Theertha Prasad on the topic of "GM-Food Cops". He gave information about tomatoes with increased lycopene content. He showed some good photos of genetically modified fruits and vegetables. His research work included with Transgenic plants over expressing NDPK2 gene for cold and salt stress in Arabidopsis. Furthermore gave information about pest tolerance (Cry genes) in groundnut plant.

Technical session III was given by Dr.G.Archunan about, "Protein preparation, identification, purification and sequencing". He gave detailed information about different methods for protein preparation.

He explained about SDS PAGE, native PAGE, Urea PAGE, IEF and 2D gel electrophoresis application. He showed pictures of MALDI Matrix Assisted Laser Desorption Ionization and its mechanism for amino acid sequencing.

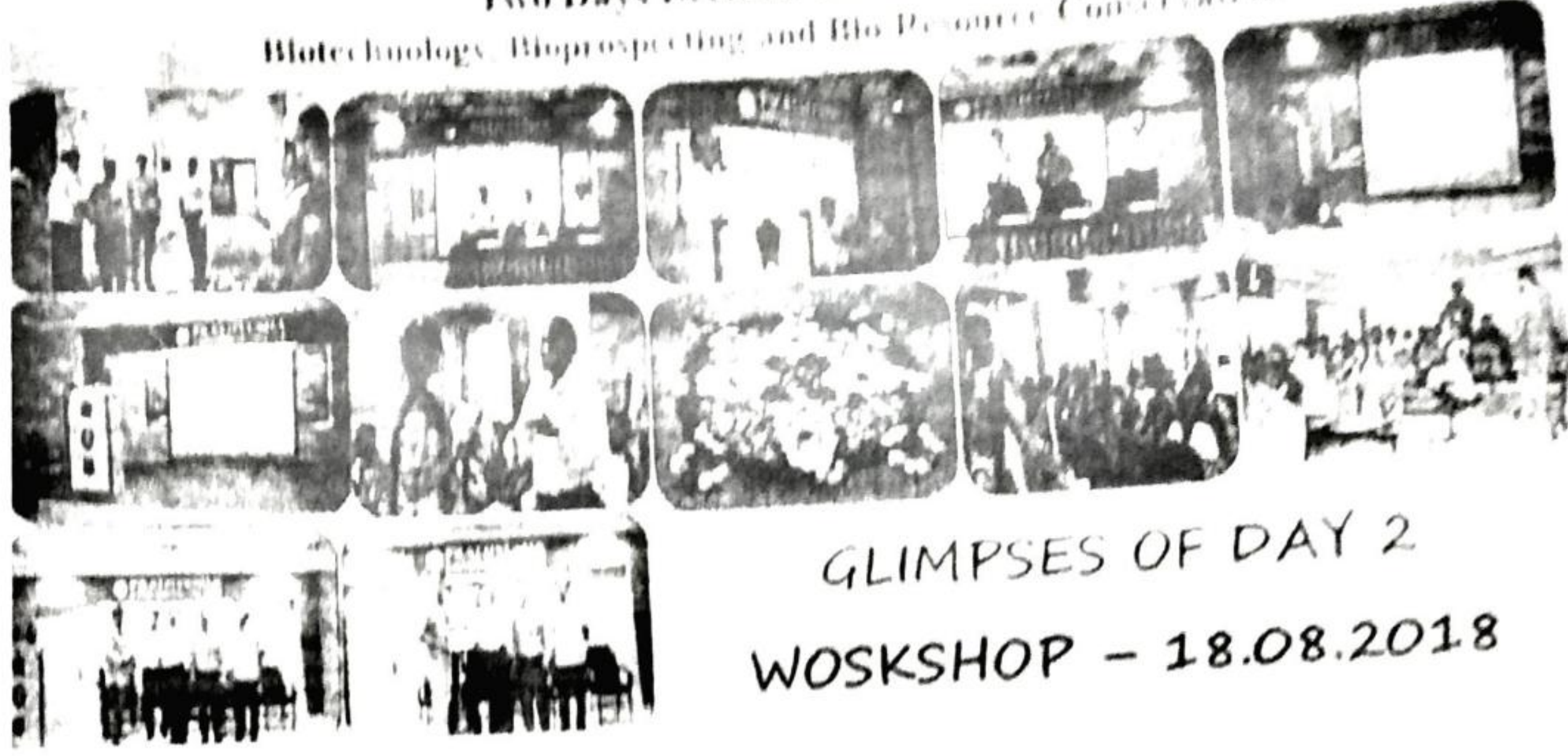
Technical session IV was started with the topic "Microbes: A Promising Source for Human Medicine" by Dr. D.J. Bagyaraj. He gave information about how secondary metabolites of microorganisms used as human medicine. In this he mainly explained about mechanism of different antibiotic drugs, antianxiety and antidiabetic drugs.



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

Two Days Lecture Workshop on
Biotechnology, Bioprospecting and Bio Resource Conservation



GLIMPSES OF DAY 2
WORKSHOP - 18.08.2018

Valedictory function

The valedictory function was held between 2.30pm to 3.00 pm. Dr.D.J.Bagyaraj, briefed the role of IASC and motivated students and young teachers to learn the details of the workshop theme for further discrimination. Participants from different institutes shared their feedback and participation certificates were distributed.

Of the total 150 registered participants, 100 students and 5 young faculty members from 5 young faculty members from 15 different institutions participated. Fifty participants and 5 staff from host institutes also participated. The lecture workshop concluded with national anthem at 3.05pm on 18.08.2018.

P. D. [Signature]
HOD 21/8/18

[Signature]
PRINCIPAL

Post Details

Reported stats may be delayed from what appears on posts



Prathyusha Engineering College, Tiruvallur

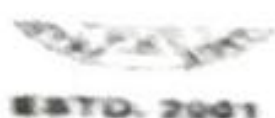
August 19 at 3:35 PM ·

Department of Biotechnology organized a "TWO DAY LECTURE WORKSHOP" on "Biotechnology, Bio-prospecting and Bio-Resource Conservation" on 17th & 18th August, 2018

Sponsored by:

Indian Academy of Sciences,

Bangalore Indian National Science Academy, New Delhi... See More

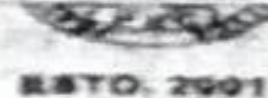


DEPARTMENT OF BIOTECHNOLOGY

Two Days Lecture Workshop on
Biotechnology, Bioprospecting and Bio-Resource Conservation



GLIMPSES OF DAY 1



DEPARTMENT OF BIOTECHNOLOGY

Two Days Lecture Workshop on
Biotechnology, Bioprospecting and Bio-Resource Conservation



GLIMPSES OF DAY 2

1,867 people reached

Archive Post

75

22 Comments 30 Shares

Like

Comment

Share



Performance for Your Post

1,867 People Reached

162 Reactions, Comments & Shares

107

Like

75

On Post

32

On Shares

2

Love

1

On Post

1

On Shares

1

Haha

1

On Post

0

On Shares

22

Comments

22

On Post

0

On Shares

30

Shares

30

On Post

0

On Shares

153 Post Clicks

75

Photo Views

0

Link Clicks

78

Other Clicks

NEGATIVE FEEDBACK

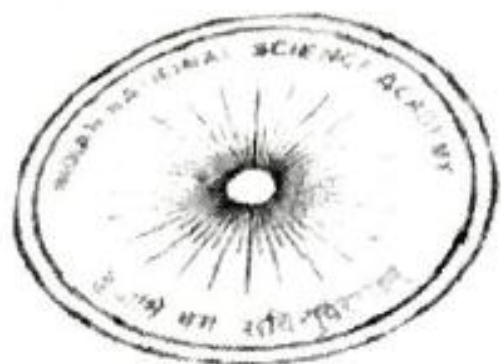
0 Hide Post

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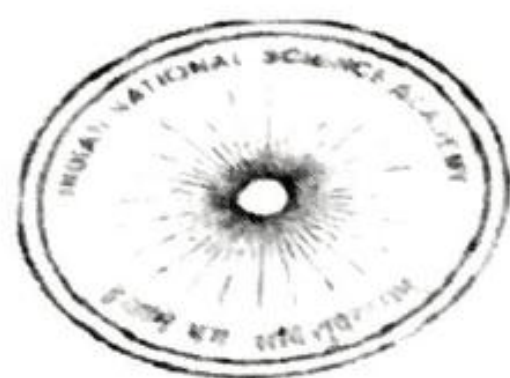
ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
TWO DAYS LECTURE WORKSHOP ON
BIOTECHNOLOGY, BIOPROSPECTING AND BIORESOURCE
CONSERVATION

Sponsored by
INDIAN ACADEMY OF SCIENCES, BANGALORE

PROGRAMME SCHEDULE - DAY 1 (17-08-2018)

Registration	8.00 - 8.30 am
Inaguration	8.30 am – 9.00 am
Technical Session I	9.00 – 10.30am
Resource Person	Dr.D.J.BAGAYARAJ, INSA Honorary Scientist & Chairman, CNBRCD, 41, RBI Colony, Anand Nagar, Bangalore – 560 024
Topic	Soil Biodiversity
Tea Break	10.30 – 10.40 am
Technical Session II	10.40 – 12.10 pm
Resource Person	Dr. Harini Kumar, Professor, Dept. of Biotechnology, Univ. of Agricultural Sciences, GKVK, Bangalore
Topic	Biofuels
Lunch Break	12.10 – 12.45 pm
Technical Session III	12.45 – 2.00 pm
Resource Person	Dr.D.Theertha Prasad Former Prof & Head, Dept.Of Biotech, UAS, GKVK Campus, Bangalore
Topic	Biotic stress vs Single gene is no more a myth
Technical Session IV	2.00 – 3.00 pm
Resource Person	Dr. Harini Kumar, Professor, Dept. of Biotechnology, Univ. of Agricultural Sciences, GKVK, Bangalore
Topic	Molecular Markers
Tea Break	3.05 - 3.15 pm



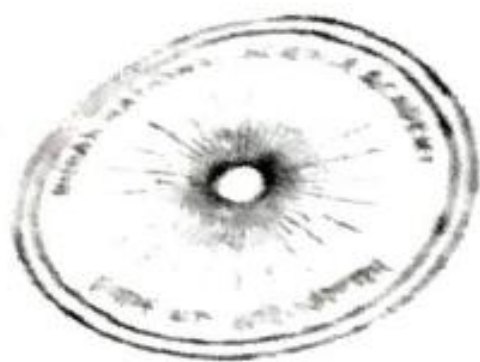
ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
TWO DAYS LECTURE WORKSHOP ON
BIOTECHNOLOGY, BIOPROSPECTING AND BIORESOURCE
CONSERVATION

Sponsored by
INDIAN ACADEMY OF SCIENCES, BANGALORE

PROGRAMME SCHEDULE - DAY 2 (18.08.2018)

Technical Session I	8.30 – 10.15am
Resource Person	Dr.D.Theertha Prasad Former Prof & Head, Dept.Of Biotech, UAS, GKVK Campus, Bangalore
Topic	GM – Food Crops
Tea Break	10.15 – 10.30 am
Technical Session II	10.30 – 12.00 pm
Resource Person	Dr G. ARCHUNAN Professor Dept. of Animal science Bharathy dassan University – Trichy
Topic	Chemical Signaling and application in Biotech
Lunch Break	12.00 – 12.30 pm
Technical Session III	12.30 – 1.30 pm
Resource Person	Dr.D.J.BAGAYARAJ INSA Honorary Scientist & Chairman, CNBRCD, 41, RBI Colony Anand Nagar, Bangalore, 560 024
Topic	Microorganisms as a source of human Medicine
Technical Session IV	1.30 – 2.30 pm
Resource Person	Dr G. ARCHUNAN Professor Dept. of Animal science Bharathy dassan University – Trichy
Topic	Strategies to conserve Bioresource potential
VALEDICTION	2.30 - 3.00 pm
Tea Break	3.00 – 3.10 pm



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
LECTURE WORKSHOP
BIOTECHNOLOGY, BIOPROSPECTING AND BIORESOURCE
CONSERVATION

Sponsored by
Indian Academy of Sciences, Bangalore
Indian National Science Academy, New Delhi
The National Academy of Sciences India, Allahabad

PROGRAMME SCHEDULE - DAY 2 (18.08.2018)

Technical Session I	8.30 – 10.15am
Resource Person	Dr.D.THEERTHA PRASAD Former Prof & Head, Dept.Of Biotech, UAS, GKVK Campus, Bangalore
Topic	GM – Food Crops
Tea Break	10.15 – 10.30 am
Technical Session II	10.30 – 12.00 pm
Resource Person	Dr. G. ARCHUNAN Professor, Dept. of Animal science Bharathidassan University – Trichy
Topic	Chemical Signaling and application in Biotech
Lunch Break	12.00 – 12.30 pm
Technical Session III	12.30 – 1.30 pm
Resource Person	Dr.D.J.BAGAYARAJ INSA Honorary Scientist & Chairman, CNBRCD, Bangalore
Topic	Microorganisms as a source of human Medicine
Technical Session IV	1.30 – 2.30 pm
Resource Person	Dr. G. ARCHUNAN Professor, Dept. of Animal science Bharathidassan University – Trichy
Topic	Strategies to conserve Bioresource potential
VALEDICTION	2.30 - 3.00 pm
Tea Break	3.00 – 3.10 pm

Convener

Dr. D.J.BAGAYARAJ

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
III YEAR Registration for lecture workshop

S.No	Reg.No	Name	Day 1	Day 2
1	111416214001	ABIRAMI .S	Ab	Abirami .S
2	111416214002	ANUSUYA .M	Ab	M Anusuya
3	111416214003	APARNA .S	Ab	S. Aparna
4	111416214004	BANUPRIYA .D	Ab	Ab
5	111416214005	CHARUMATHI .S	Ch S	Ch S
6	111416214006	DEVI SUBHA SREE .S	Ab	Devi Subha
7	111416214007	DHARSHINI RAVI R	Ab	Dharshini R
8	111416214008	GAYATHRI .K	Ab	Gayathri .K
9	111416214009	GAYATHRI .S	Ab	Gayathri .S
10	111416214010	GENESHA .V.K	Ab	Genesha .V.K
11	111416214011	HEMAMALINI .S	Ab	Hemamalini .S
12	111416214012	HOOREEN .D	Ab	D. Hooreen
13	111416214013	JERIN JOSHNA .J	Ab	J. Jerin Joshna
14	111416214014	KEERTHANA .S	Ab	S. Keerthana
15	111416214015	MANORITHA .G	Ab	Manoritha .G
16	111416214016	NAGA VASUDHA .R	R. Naga Vasudha	R. Naga Vasudha
17	111416214017	NANDHINI .M	Ab	Nandhini .M
18	111416214018	NAVARAJ .G	Ab	G. Navaraj
19	111416214019	NITHICA .S	Nithica .S	Nithica .S
20	111416214020	PADMANABHAN .P.S	Ab	P. Padmanabhan
21	111416214022	PAVITHRA .Y	Ab	Pavithra .Y
22	111416214023	PRATHINISHA PRABHAKAR	Prathinisha .P	Prathinisha .P
23	111416214024	PRAVEEN .K.M	Ab	P. Praveen
24	111416214026	PRIYADHARSHINI .J		
25	111416214027	RAGHUNATH .M	Ab	R. Raghunath
26	111416214028	SHRINIDHI .S	Ab	S. Shrinidhi
27	111416214029	SINDYA .T	Ab	S. Sindya
28	111416214030	SOWMIYA .V		
29	111416214031	SUBASHINI .S	Ab	S. Subashini
30	111416214032	SUGANYA .S	Ab	S. Suganya
31	111416214034	YUKTHA .S.SHREENIVASAN	Ab	Y. Yuktha
32	111416214701	ASWINI P R	Aswini P R	Aswini P R

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

TWO DAYS LECTURE WORKSHOP ON

BIOTECHNOLOGY, BIOPROSPECTING AND BIORESOURCE CONSERVATION

VENUE : SEMINAR HALL

DATE : 17.08.2018

TIME : 9.00 am - 5.00 pm

S.No	Reg.No	Name of the students	Sem/Year	Signature
1	111416214019	S. Nithya	V - III rd	S. Nithya
2	111416214030	V. Sowmiya	V - III rd	V. Sowmiya
3	111416214023	Prathinista Prabhakar	V - III ^{yr}	Prathinista
4	111415214001	R. Aishwarya	VII - IV ^{yr}	R. Aishwarya
5	111415214033	C. Swathi	VII - IV ^{yr}	C. Swathi
6	111415214032	A. Suriya Daisy	VII - IV ^{yr}	A. Suriya Daisy
7	111415214008	G. Dharehini	VII - IV ^{yr}	G. Dharehini
8	111415214004	A. Ayeshatul Johana	VII - IV ^{yr}	A. Ayeshatul Johana
9	111416214016	R. Nagavardha	V - III rd	R. Nagavardha
10	111416214005	S. Charumathi	V - III rd	S. Charumathi
11	111417214042	S. Sathya	III - II nd	S. Sathya
12	111417214028	S. Monica	III - II nd	S. Monica
13	111417214038	S. Sakthi Rajeshwar	III - II nd	S. Sakthi Rajeshwar
14	111417214043	P. Sugirtha	III - II nd	P. Sugirtha
15	111417214027	P. Mohana Priya	III - II nd	P. Mohana Priya
16	1114172140	N. Vimala	III - II nd	N. Vimala
17	111417214001	J. Abirami	III - II nd	J. Abirami
18	111417214035	R. Richard paul	III - II nd	R. Richard paul
19	111415214023	R. Rajeshwar	VII - IV th	R. Rajeshwar
20	111417214012	M. Charan	III - II nd	M. Charan
21	111416214701	Aswini. P. R	V - III rd	Aswini. P. R
22	111417214003	Akash. K.	III / II	Akash. K.
23	111416214036	J. priyadharshini	III rd	J. priyadharshini
24	111417214005	A. Naveen	III / II	A. Naveen
25	111417214026	Esmail	III / II	Esmail

From

Dr.P.Dhasarathan,

HOD, Dept of Biotech,

Prathyusha Engineering College,

Chennai.

To

The Principal

Prathyusha Engineering College

Chennai.

160910

Respected Sir,

Sub : Accommodation for external participants – Reg

We, the Dept.of Biotechnology organizing Two Days Lecture cum Workshop on “Biotechnology, Bioprospecting and Bioresource Conservation” on 17th and 18th August, 2018 in association with Indian Academy of Science, Bangalore. As of now 13 participants opted accommodation for attending this workshop. So, I request you to kindly grant permission for their accommodation in our college hostel (2 days). Herewith I am attaching total number of registered candidates for your kind perusal.

Thank You

Place : Chennai

Date : 14.08.2018

No. of. participants: 13

yours kindly,

P. Dhasarathan
(Dr.P.Dhasarathan) 14/8/18

2. Newer vista in biosciences

35 (16) 77

POPULARIZATION OF SCIENCE ACTIVITIES
List of Programmes Approved (2018-2019)

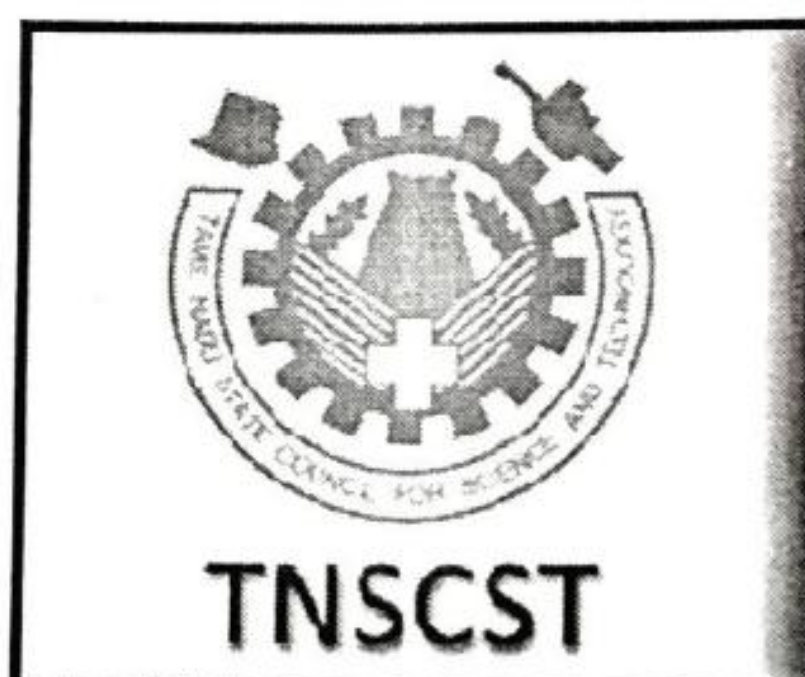
Sl. No	Organization/Institution	Activity	Amount requested (Rs.)	Amount approved (Rs.)
1.	Dean Agricultural College and research Institute, Madurai- 625104	Application of DSS in Agriculture for improving crop productivity 23-25 Oct18	39,675/-	25,000/-
2.	The principal Mahendra Arts and Science college, Kalippatti (PO)- 637501	Entrepreneurship through Agricultural Biotechnology to farmers in Namakkal dt. 23-25Oct18	40,000/-	25,000/-
3.	The principal Sri. S. Ramasamy Naidu Memorial College, Sattur - 626203	Understanding of Basic Sciences by practical training classes 26-30 Dec18	34,000/-	25,000/-
4.	The principal Sarah Tucker College, Tirunelveli- 627007	A systematic approach towards molecular docking and drug designing 14-15 Sep18	30,000/-	20,000/-
5.	The principal Prathyusha Engineering College, Aranvolyalkuppam, Tiruvallur- 602025	New vistas in Bio-Science 06 Oct18	75,000/-	15,000/-
6.	The principal K.Ramakrihnan College of Engineering, Tiruchirappalli- 621112	Awareness program on personal and menstrual hygiene for rural women in Samayapuram and nearby villages 12 Nov18	30,000/-	15,000/-
7.	The principal Jeeva's Polytechnic college, Othakkalmandapam(PO) , Coimbatore- 641032	Popularization of science- camp for village camp 17 Dec18	27,300/-	15,000/-
8.	The principal Jamal Mohamed College, Tiruchirappalli-620020	The Therapeutic value of food in prevention of global burden of diseases 12 Sep18	41,600/-	15,000/-

Proposal for Financial Assistance

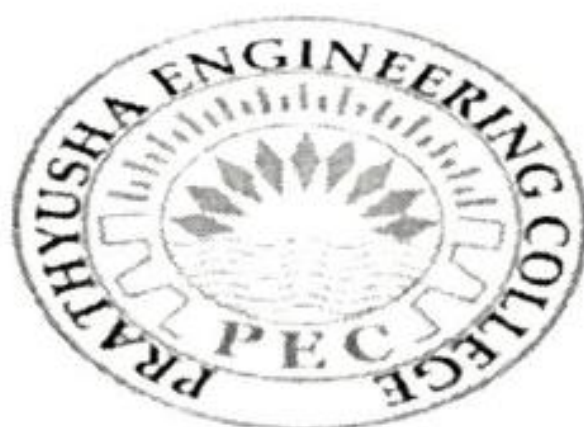
“New Vistas in Bio-Science”
(Popularization of Science)

21st September, 2018

Submitted to



Tamilnadu State Council for Science and Technology
Chennai – 600 025



ESTD. 2001

Submitted by

Department of Biotechnology

PRATHYUSHA

ENGINEERING COLLEGE

(Approved and Accredited by AICTE)

Poonamallee - Tiruvallur High Road, Aranvoyaluppam, Chennai - 602 025
Tel: 044-37673767. Fax: 044-37673703

July, 2018

Tamilnadu State council for Science and Technology
DOTE Campus, Chennai – 600 025

Performa for Submission of Proposal

Name of the Co-ordinator	Dr.P. Dhasarathan
Designation	Associate Professor and Head of the Department
Office Address	Dr.P.Dhasarathan Head, Department of Biotechnology Prathyusha Engineering College Poonamallee - Tiruvallur High Road Chennai – 602025
Phone	044 37673767
Mobile	9843192763
Fax	044 37673767
Email	principal@prathyusha.edu.in hod.biotech@prathyusha.edu.in
Assistance sought for organising	✓ Workshop/Training/Seminar/Conference/Others “New Vistas in Bio-Science” celebration falling on 21 st September, 2018).
Associating institution (if any) with phone number	NIL
Co-ordinator of the associating institute with phone number	NOT APPLICABLE
Programme subject and concept	A daylong event will be organised to mark the “ New vistas in Bio-Science ” on 21 st September, 2018, in which opportunities will be provided to young students to express their scientific talents. The day will start with a formal inaugural function. Renowned scientists from premier institutions will be invited to share their knowledge and also to serve as judges for the events. Competitions will be conducted under four different themes the programme will conclude with a valedictory function and prize distribution function.

Beneficiaries	<p>1. Students from government and government aided schools in Tiruvallur district.</p> <p>2. Students forum matric and CBSE schools</p>
Aim & Objectives	<p>The major objectives of the proposed programme are</p> <ul style="list-style-type: none"> i. Bio-Science and Biotech awareness. ii. Identify young scientists with innovative ideas iii. Seeding biotech research aptitude in school children welfare of human society.
Details of Programme	<p><u>The tentative schedule of the event is as follows:</u></p> <p style="text-align: center;">Date: 21st September, 2019</p> <p>08.30 – 09.30 am: Registration</p> <p>09.30 – 10.30 am: Inaugural function</p> <p>10.30 – 11.00 am: Special Talk -1</p> <p>11.00 – 03.00 pm: Competitions</p> <p>03.00 – 04.00 pm: Special Talk - 2</p> <p>04.00 – 04.30 pm: Prize distribution and valediction</p> <p><u>Events:</u></p> <ul style="list-style-type: none"> ➤ Elocution competition ➤ Debate ➤ Pencil drawing and ➤ Model making <p>(Titles related to modern science and its applications towards human welfare will be given 15 minutes before the competitions)</p> <p>Renowned scientists from premier institutions will be invited to address the participants and also to serve as judges for the events.</p> <p><u>Participants:</u></p> <p>Students from nearby schools and core departments of PEC (one team per institution per event)</p> <p>The tentative list of speakers is given below.</p>

	Dr. P. Iyamperumal Vice-Chairman Tamilnadu Science and Technology, Chennai Dr.A.Gnanamani Principal Scientist Biological material laboratory CSIR-CLRI, Chennai Prof. Doble Mukesh Head, Department of Biotechnology Indian Institute of Technology Chennai.
Programme venue	Prathyusha Engineering College, Tiruvallur - 600 025
No. of Participants	100
Duration	One day, 21 st September, 2019
Total budget (with detailed break up)	Tentative Budget for the programme is Pre-conference printing: :15,000.00 (Circulars, Banners, invitation, certificates) Refreshment/ lunch for participants: :30,000.00 Honorarium/Memento for guests: :10,000.00 Prizes for the winners of the events: :30,000.00 Total: :85,000.00
Other funding agencies and funding received	Nil
Contribution of institution of Applicant	Rs. 10000/- Venue & Transport facility for participants
Tentative date of programme	21 st September, 2018
Brief background of the applicant	Dr.P.Dhasarathan, the Co-ordinator of the proposed event, had his B.Sc., M.Sc., and Ph.D degrees from Manonmaniam Sundaranar University, Tirunelveli in Microbiology. He has his M.Tech., degree from St Peter's University in Biotechnology. He secured university I rank in M.Tech and won gold medal. He is a recipient of fellowship from UGC Major Project, Delhi to pursue his Ph.D degree. He received Prof E.P. Odum Gold medal and Bhart Shiskha Rathan award for research contribution in Environmental and

	<p>immunology field respectively.</p> <p>He served at Sri Kaliswari College, Sivakasi in its Biotechnology department in various capacities such as Research co-ordinator, Ethical committee member secretary and Heading the department. He is serving PEC since June 2009.</p> <p>In a career spanning little above 15 years, he has published 60 research papers at the national and international levels. He has presented papers in several national and international conferences. He has guided several dissertations at UG/PG and Ph.D levels. He has organised several seminars/conferences and workshops. He has also served in doctoral committee member in various university and reviewers in various international journals.</p>
Background of the organising institution	<p>Prathyusha Engineering College (PEC) is established by Prathyusha Educational Trust promoted by Prathyusha group of companies, who are into shipping, logistics, warehousing, power, aqua and construction, fertilizers, mining and real estate. The college is situated at Aranvoyalkuppam along Poonamallee - Tiruvallur high road. PEC, a Telugu minority institution is affiliated to Anna University, Chennai and approved by All India Council for Technical Education, New Delhi. PEC is accredited by NBA & NAAC "A" Grade and stepping into a glorious 18th year of meaningful educational service.</p> <p>PEC offers 6 undergraduate programmes in B.E., (ECE, EEE, CSE, Civil and Mech.,) and B.Tech., (Biotech) and 4 postgraduate programmes (CSE, Communication systems, power electronics and Structural Engineering). PEC's aesthetically designed campus is spread over 60 acres and has about 2,50,000 sq.ft. build-up area. Excellent infrastructure facilities, well maintained eco-friendly campus, digital classrooms, state-of-the-art laboratories, modern library, separate hostel for boys and girls and students' centric academic ambience are just a few of the many sterling features of that go into making PEC a front runner in technical education.</p> <p>Prathyusha Engineering College is a front runner in all developmental activities. The institution is a member of professional bodies like IE, IEEE, ISTE. All departments of the institute regularly organise seminar/</p>


brief list of such activities is given below for reference.

- PRAYOGA-2018, Prathyusha's Young Talent and Scientist Hunt.
- AICTE Sponsored PMKVY- 2018 programme for plus tow pass/fail students
- International Conference on Advances in Electrical, Electronics, Information, communication and Bio-informatics 2018, funded by IEEE, IETE, BRNS and CSIR.
- National Conference on Recent Advances in Communication, Electrical and Information Technology '12, funded by CSIR.
- Recent Advances of "EDA Tools in VLSI" funded by BRNS.
- Recent Trends in Digital Image Processing in Medical Field funded by BRNS
- National Seminar on Ozone depletion and global warming funded by CSIR
- National Seminar on Cyber crime and ethical hacking funded by AICTE
- National Seminar on Education and Entrepreneurship of women in India funded by AICTE and CSIR
- National Conference on "Newer Vista in the frontier areas of Biotechnology" funded by CSIR
- Workshop on "Bio-entrepreneurship" sponsored by MSME Chennai and A.N. Biotechnology, Chennai

Place: Chennai

Date: 18th July, 2018


Signature of the
Co-ordinator


Signature of the
Head of the Institution

Principal
PRATHYUSHA ENGINEERING COLLEGE
ARANVOLYALKUPPAM,
TIRUVALLUR -602 025.



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamil Nadu)
Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : enquiry.tanscst.nic.in / ms.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).
Member Secretary

Ref: TNSCST/POPS/AR/07/2017-2018/

5425

18.01.2019

To
The Principal
Prathyusha Engineering College
Aranvolyalkuppam, Tiruvallur- 602025

Sir/Madam,

Sub: Partial Financial Support - Popularisation of Science (2018-2019) –
approved grant release – Reg.

Ref: Council Sanction letter 07.08.2018

With reference to the above, kindly find enclosed herewith a cheque for
Rs.15000/- (Rupees Fifteen thousand only) as financial assistance to "New vistas in
Bio-Science".

Kindly acknowledge the receipt of grant..

Thanking you,

Yours faithfully,

Member Secretary

✓ **Encl : Cheque for Rs.15000/- No.794813 dt.28.12.2018**

Copy to:
Dr.P.Dhasarathan
Associate Professor and Head
Dept. of Biotechnology
Prathyusha Engineering College
Tiruvallur Road, Chennai – 602 025

POPULARIZATION OF SCIENCE - 2018

Supported by



Tamilnadu State Council for Science & Technology, Govt of
Tamilnadu, Chennai

and

NCSTC, Govt of India, New Delhi

Organized by

Department of Biotechnology



ESTD. 2001

PRATHYUSHA
Engineering College
Chennai - 602025

POPULARIZATION OF SCIENCE – 2018

Department of Biotechnology

Prathyusha Engineering College, Chennai-602025

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Supported by

**Tamilnadu State Council for Science & Technology, Govt of
Tamilnadu, Chennai**

&


NCSTC, Govt of India, New Delhi

a. Invitation



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE, Chennai- 602025
DEPARTMENT OF BIOTECHNOLOGY
Organizes
"New Vistas in Bio-Science" (Popularization of Science)
29 & 30th October, 2018
Supported by
"Tamilnadu State Council for Science and Technology, Govt of Tamilnadu, Chennai and NCSTC, Govt of India, New Delhi"



TNSCST

A two daylong event will be organised to mark the "New vistas in Bio-Science" on 29 & 30th October, 2018, in which opportunities will be provided to young students to express their scientific talents. The day will start with a formal inaugural function. Renowned scientists from premier institutions will be invited to share their knowledge and also to serve as judges for the events. Competitions will be conducted under four different themes the programme will conclude with a valedictory function and prize distribution function.

Model: Theme – Agriculture & Health care

- i) Working/static model to be displayed
- ii) Two participants per team
- iii) Maximum two entries per school

Painting Competition: Theme - Environmental Conservation

- i) Duration one hour. Solo event
- ii) Materials to be brought by the participants
- iii) Maximum two entries per school

Events

Paper Presentation: Theme – Modern Biosciences

- i) Abstract to be submitted - Ppt for 7 min
- ii) Two participants per team (paper)
- iii) Maximum two entries per school

Quiz Competition:

- i) Three rounds of questions
- ii) Two participants per team
- iii) Only one team per school


(Basic Sciences, remarkable discoveries, Nobel laureates and other distinguished scientists)

Prizes: Three prizes will be awarded in each category. All participants will be given with certificates.

Registration: There is no registration fee. A student can participate in two events only.

Sponsor

"Tamilnadu State Council for Science & Technology, Govt of Tamilnadu, Chennai and NCSTC, Govt of India, New Delhi"



TNSCST


Chief Guest

Dr. M. JOTHIRAJAN
Project Advisor, TNSCST, Chennai

Smt. D. RATHNA
Sub-collector, Tiruvallur


INVITATION

PRATHYUSHA ENGINEERING COLLEGE
Chennai- 602025



ESTD. 2001

DEPARTMENT OF BIOTECHNOLOGY
Organizes
"New Vistas in Bio-Science" (Popularization of Science)
29 & 30th October, 2018
Supported by
"Tamilnadu State Council for Science & Technology"



TNSCST

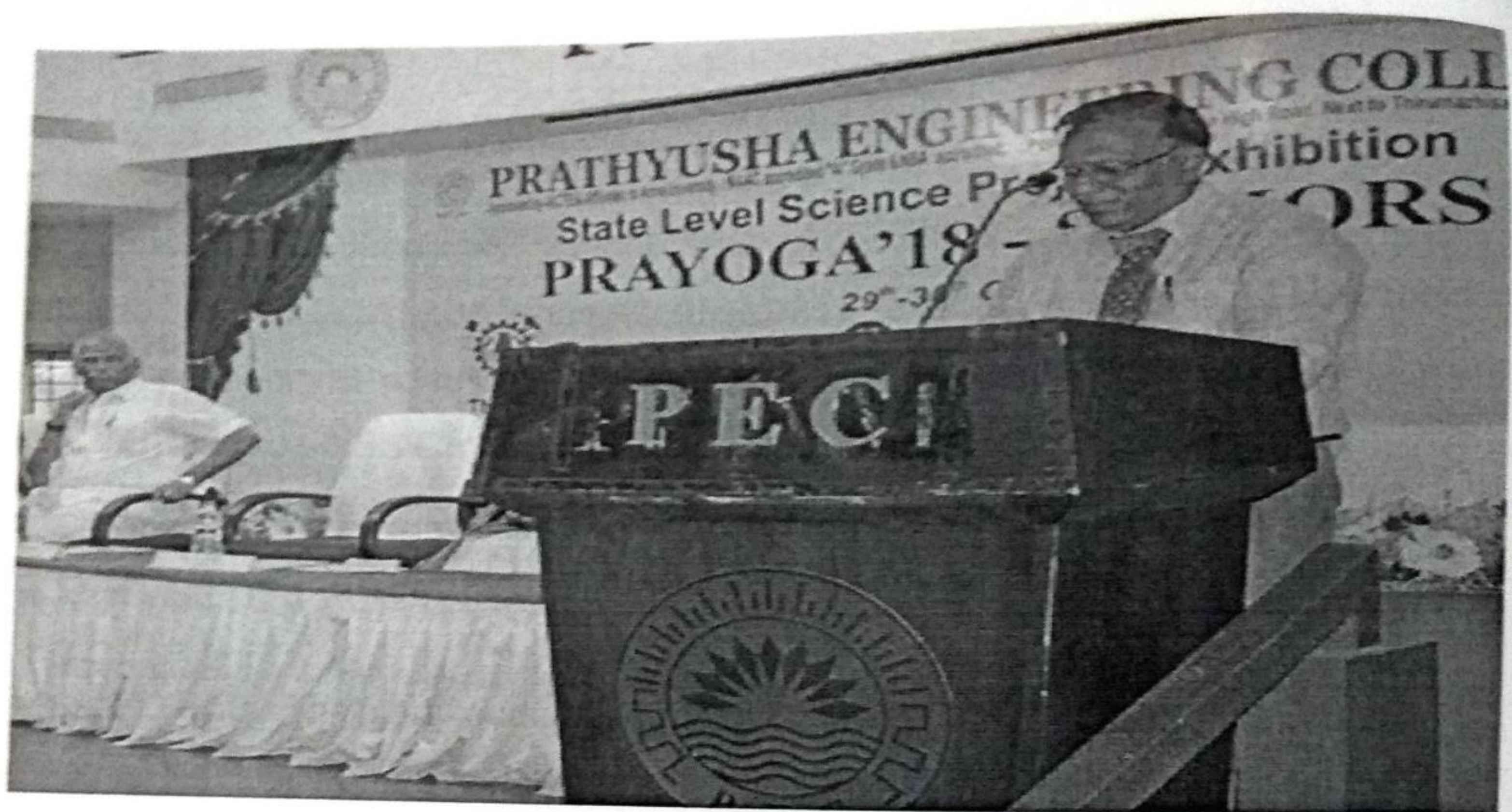
YOU ARE CORDIALLY INVITED

b. Brief Report

Thanks to the financial support extended by Tamilnadu State Council for Science and Technology, Govt of Tamilnadu, Chennai and NCSTC, Govt of India, New Delhi. The Department of Biotechnology of Prathyusha Engineering College (PEC), Chennai-602025, Tamilnadu organised New Vistas in Bio-science (Prayoga Seniors - 2018) under "Popularization of Science" celebrations during 29th to 30th October, 2018 (Proposed date: 6th October, 2018).

An informative brochure covering information about the significance of the two day event, its focal theme and competitions was developed and circulated to all the departments in the campus. Brochures were circulated to schools in Tiruvallur district requesting the schools to send their students to get benefitted by observing the day's proceeding. The same is posted on the institute's web page for wide coverage. There was overwhelming response from our students to exhibit their creativity, and from neighbouring schools for active participation in the events.

The programme was inaugurated in a simple and informal function held at 9.00 AM at the college auditorium by **Dr.M.Jyothirajan**, Project Advisor, Tamilnadu State Council Science and Technology, Chennai. A brief account on "Popularization of Science" and on the programme was presented to audience by Dr.P.Dhasarathan, Head, Department of Biotechnology, Prathyusha Engineering College, Chennai-602025.



The Exhibition was very informative & the children showed enthusiasm in explaining the innovations with clarity. The two day's Science Exhibition is started to fill in Pursuit of knowledge & excellence. We appreciated the students for their excellence in the field of science & motivated the students to take part in National & International Science Exhibitions and display their hidden talents, also requested the Parents & teachers to exploit the hidden talent of young and brilliant students. Ultimately, Science Exhibitions demonstrate that students have the ability to design experiments, carry them out, and analyse the results.

There were four different events on that day *viz.*, Model making, paper presentation, painting and quiz organised for the students of standard ninth to twelfth in **various schools in Tiruvallur, Kanchepuram and Chennai Districts**. There was overwhelming response from the students. In total 150 projects (451 students) from three districts School students participated in the competitions. In each event best three contestants were given prizes.



The valedictory function of the programme was held at 3.00 PM at the college auditorium on 30th October, 2018. Principal, Prathyusha Engineering College, Chennai-602025 delivered welcome address. Principal touched up on the importance of organising such important events to educate young on the importance and advancement of science. She also stressed on the need to inculcate scientific temper in the minds of young students. Dr.Rathna, Sub Collector, Tiruvallur was the chief guest. In his address, he highlighted various scientific advancements which benefited human race especially in the fields like agriculture, health care medicine and robotics. Dr. Rathna also honoured winners of the competitions with attractive prizes. Top three contestants in each event was awarded prize. Mrs. Premalatha, Head, Department of ECE, Prathyusha Engineering College, Chennai-602025, who is also the coordinator of the Prayoga 2018- programme proposed vote of thanks. The function came to an end with national anthem.

பிரதியுஷா பொறியியல் கல்லூரியில் அறிவியல் கண்காட்சி



மாணவர்களுக்கு பரிசு

திருவள்ளூர், நவ. 1: திருவள்ளூர் அடுத்த அரண்வாயல் குப்பம் பிரதியுஷா பொறியியல் கல்லூரியில் 9 முதல் 12ம் வகுப்பு வரை பயிலும் மாணவர்களுக்கான அறிவியல் கண்காட்சி 2 நாட்கள் நடைபெற்றது.

விவசாயம் மற்றும் ஆரோக்கியம், ரோபோடிக்கஸ் என்ற இரு தலைப்புகளில் நடைபெற்றது. இந்த கண்காட்சியில், சென்னை, காஞ்சிபுரம், திருவள்ளூர் மாவட்டத்தில் உள்ள 200க்கும் மேற்பட்ட அரசு மற்றும் தனியார் பள்ளி மாணவ, மாண

விகள் கலந்துகொண்டு தங்களது படைப்புகளை சமர்ப்பித்து திறமைகளை வெளிப்படுத்தினர். இதில் 5000க்கும் மேற்பட்ட மாணவ மாணவிகள் பங்கேற்று பயனடைந்தனர். முதல் நாள் கல்லூரியின் தலைவர் பராஜாராவ் இளைய விஞ்ஞானிகளை வரவேற்றார்.

கல்லூரியின் முதன்மை கல்வி அதிகாரி ப. பிரதியுஷா கண்காட்சியை பார்வையிட்டு திறமைகளை மாணவர்களிடம் கேட்டறிந்தார். கல்லூரி ஆலோசகர் முசாயிராம் வாசு, கல்லூரி முதல்வர் பொறுப்பு பி.சித்ரா ஆகியோர் மாணவர்களை நல்வழிபடுத்திய பெற்றோர்கள் மற்றும் ஆசிரியர்களின் முயற்சிகளை பாராட்டினார்.

விழாவை சிறப்பு விருந்தினர் திட்ட ஆலோசகர் மா.ஜோதிராஜன், துவக்கிவைத்தார். போட்டியின் நிறைவு விழாவில் சிறப்பு விருந்தினராக சப்-கலெக்டர் டி.ரத்னா கலந்துகொண்டு, வெற்றி பெற்ற அனைத்து மாணவர்களுக்கும் வாழ்த்தி ரூ.1 லட்சம் மதிப்புள்ள காதோலைகளை வழங்கினார். இதில், மாநில ஒருங்கிணைப்பாளர் தாளமுத்து நடராசன், முதன்மை கல்வி அலுவலர் த.ராஜேந்திரன், மாவட்ட கல்வி அலுவலர் குமாரசாமி, விஞ்ஞானி ஆர்.ராஜேந்திரன் மற்றும் கே.பி.எஸ்.விஸ்வநாதன் உட்பட பலர் கலந்துகொண்டனர். முடிவில், மாவட்ட செயலாளர் கோ.வேலாயுதம் நன்றி கூறினார்.

தினகரி Thu, 01 November 2018
epaper.dinakaran.com/c/33600576



பிரதியுஷா இன்ஜி. கல்லூரியில் அறிவியல் கண்காட்சி

வெற்றி பெற்ற மாணவர்களுக்கு ரூ.1 லட்சம் ரொக்கப்பரிசு

திருவள்ளூர், அக்ட. 31- திருவள்ளூர் அடுத்த அரண்வாயல் குப்பம் பிரதியுஷா பொறியியல் கல்லூரியில், 9 முதல் 12ம் வகுப்பு வரை பயிலும் மாணவர்களுக்கான அறிவியல் கண்காட்சி 2 நாட்கள் நடைபெற்றது. விவசாயம் மற்றும் ஆரோக்கியம், ரோபோடிக்கஸ் என்ற இரு தலைப்புகளில் நடைபெற்றது. இந்த கண்காட்சியில், சென்னை, காஞ்சிபுரம், திருவள்ளூர் மாவட்டத்தில் உள்ள 200க்கும் மேற்பட்ட அரசு மற்றும் தனியார் பள்ளி மாணவர்கள் கலந்துகொண்டு தங்களது படைப்புகளை சமர்ப்பித்து திறமைகளை வெளிப்படுத்தினர். இதில் 5000க்கும் மேற்பட்ட மாணவர்கள் பங்கேற்று பயனடைந்தனர். முதல் நாளான நேற்று முன்தினம் கல்லூரியின் தலைவர் பராஜாராவ், இளைய விஞ்ஞானிகளை வரவேற்றார்.

கல்லூரியின் முதன்மை கல்வி அதிகாரி ப. பிரதியுஷா, கண்காட்சியை பார்வையிட்டு திறமைகளை

மாணவர்களிடம் கேட்டறிந்த கல்லூரி ஆலோசகர் முசாயிராம் வாசு, கல்லூரி முதல்வர் பொறுப்பு பி.சித்ரா ஆகியோர் மாணவர்களை நல்வழிபடுத்திய பெற்றோர்கள் மற்றும் ஆசிரியர்களின் முயற்சிகளை பாராட்டினார்.

விழாவை சிறப்பு விருந்தினர் திட்ட ஆலோசகர் மா.ஜோதிராஜன் துவக்கிவைத்தார். நிறைவு விழாவில் சிறப்பு விருந்தினராக சப்-கலெக்டர் டி.ரத்னா, வெற்றி பெற்ற அனைத்து மாணவர்களுக்கும் வாழ்த்தி ரூ.1 லட்சம் மதிப்புள்ள காதோலைகளை வழங்கினார். இதில், மாநில ஒருங்கிணைப்பாளர் தாளமுத்து நடராசன், முதன்மை கல்வி அலுவலர் த.ராஜேந்திரன், மாவட்ட கல்வி அலுவலர் குமாரசாமி, விஞ்ஞானி ஆர்.ராஜேந்திரன் மற்றும் கே.பி.எஸ்.விஸ்வநாதன் உட்பட பலர் கலந்துகொண்டனர். முடிவில், மாவட்ட செயலாளர் கோ.வேலாயுதம் நன்றி கூறினார்.

தினகரி Wed, 31 October 2018
tm.dinakaran.com/c/33600768



d. Participants List

s no	school name	Area	no of visitors	school staff	phone no
1	Sindhi model	Kilpauk	21	kalaiazhagan	9788894836
2	St.George anglo Indian	Kilpauk	21	Lesley	9444809082
3	Kaligi Ranganathan	Perambur	39	Padmini	7397461370
4	Girls Hr Sec SCHOOL	Anakaputhur	6	G.Kirubakara	9952940257
5	Ramakrishna vidhya nikethan	Thiruverkadu	143	M.Sandhya	9003080704
6	Sedhubaskara	Ambatthur	200	Gajalakshmi	8682839705
7	St.Joseph girls school	Tiruninravur	186	Anandhi	9655513637
8	Govt Hr sec school	Tiruninravur	46	Vedham	9710621631
9	CSI School	Ekkadu	54	Inbaraj	9843888241
10	St.Marys Mat Hr Sec SCHOOL	Perambakkam	64	Boobalan	9994461974
11	KENC Govt Hr sec school	Manavala nagar	68	soloman	9715643577
12	ICF Hr sec school	Peramber	34	M.Shanmuganathan	979111131
13	Govt Hr sec school	Old Alamathi	4	Ganthimathi	9444064468
14	Bharathi Vidhyalaya	Ambathur	2	madhavi	8760883562
15	Don Bosco	Pannur	107	JOEROYAN	9944239314
16	Vatsalya mat hr sec school	Pennalur	12	Amuthan robin	9790895637
17	S J Surana school	sowkarpet	270	shency	8281882141
18	Bharathi mat school	Thiruvallur	42	kalaiselvi	9600971906
19	Annai Saraswathi mat school	Manavalanagar	110	Naresh kumar	9994545680
20	SBOA MODEL SCHOOL	Mugappair	60	sampath	9865613892
21	Sri Sankara mat hr sec school	Kundrathur	8	Rajeswari	9551541324
22	Good shepherd school	pattabiram	96	T.Kowsalya	8248202396
23	MCTM Boys school	Purasaivakkam	151	M.Srinivasan	9444890458
24	Mahalakshmi vidhya mandir	avadi	89	kalaiselvi	9791676350
25	Siddhartha mat school	Sevapet	164	a.Manonmani	9677358161
26	Vishwakshena vidhya vikas	Thiruvallur	99	Sangeetha	9791007124
27	vishwakshena Global school	Thiruvallur	14	chitra	9962241210
28	Vivekananda school	Thiruvallur	32	P.Jayandhi	9962334814
29	Kalaimagal mat.hr.sec school	Avadi	106	M.Praveena	9171738604
30	SKDJ Hr sec school	Tiruverkadu	96	Manikkavalli	9840256653
31	Sedhubaskara mat school	Ambatthur	165	sujatha	9345662445
			2509		

e. Resource persons list

1. Dr. M. Jothirajan, Project Advisor, TNSCST, Chennai
2. Smt. D.Rathna, Sub-Collector, Tiruvallur District

f. Feedback from the participants

From the participant consolidated feedback about the programme, the programme provided young generation research mind insight into the agriculture and health care. The engineering strategy utilized for stabilized financial flow gave us a different aspect about the upcoming economic value of the innovative products and robotic sector. The medicinal and food technological applications of the project were useful and provided us with beneficial information for student community. Other events like quiz, painting and paper presentation mould the student researchers to achieve lot in future. Thus Every participants were thank principal, Management, who organized the programme and supported TNSCST, Chennai and made it an grand success.

g. Photos



Photo 1: Popularization of Science - Registration



Photo 2: Popularization of Science - Event: Paper Presentation



Photo 3: Popularization of Science - Event: Model Making



Photo 4: Popularization of Science - Event: Model Making

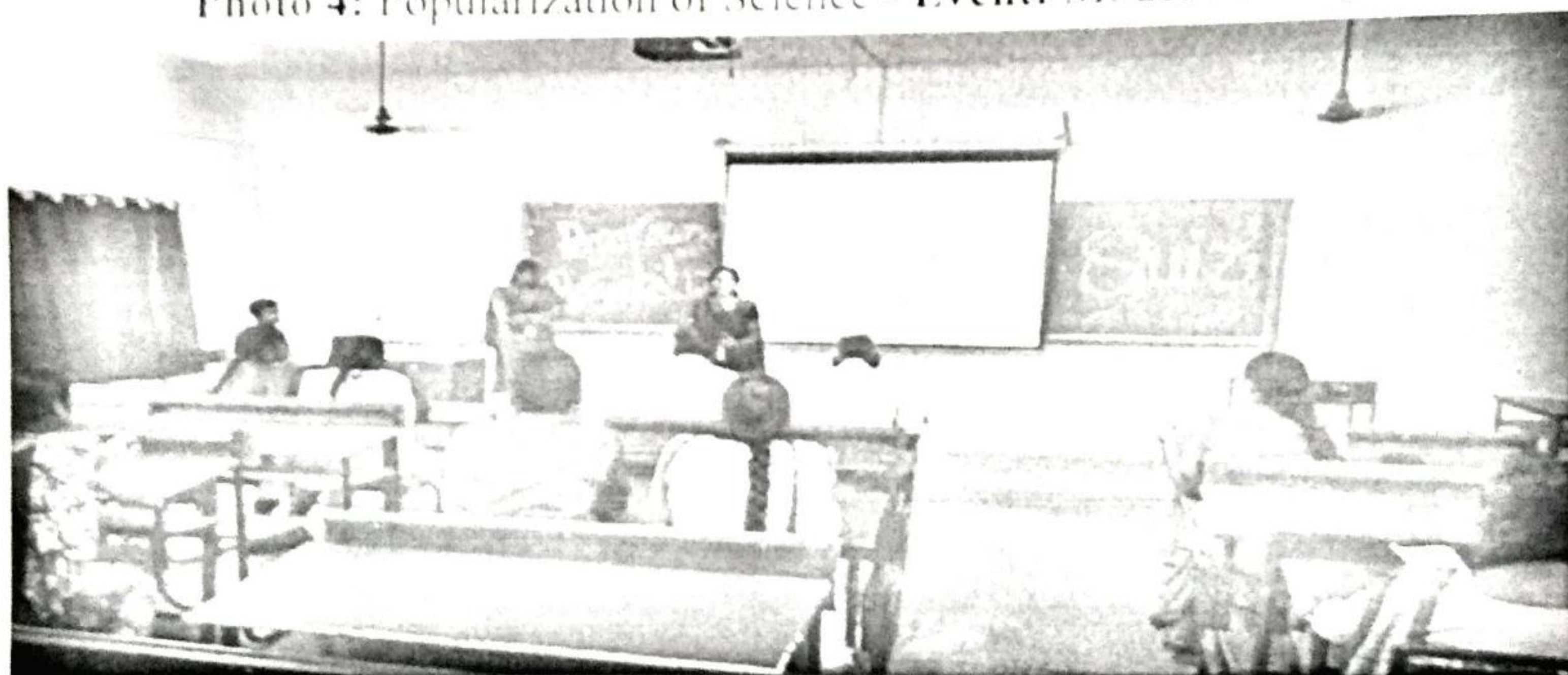


Photo 5: Popularization of Science - Event: Quiz

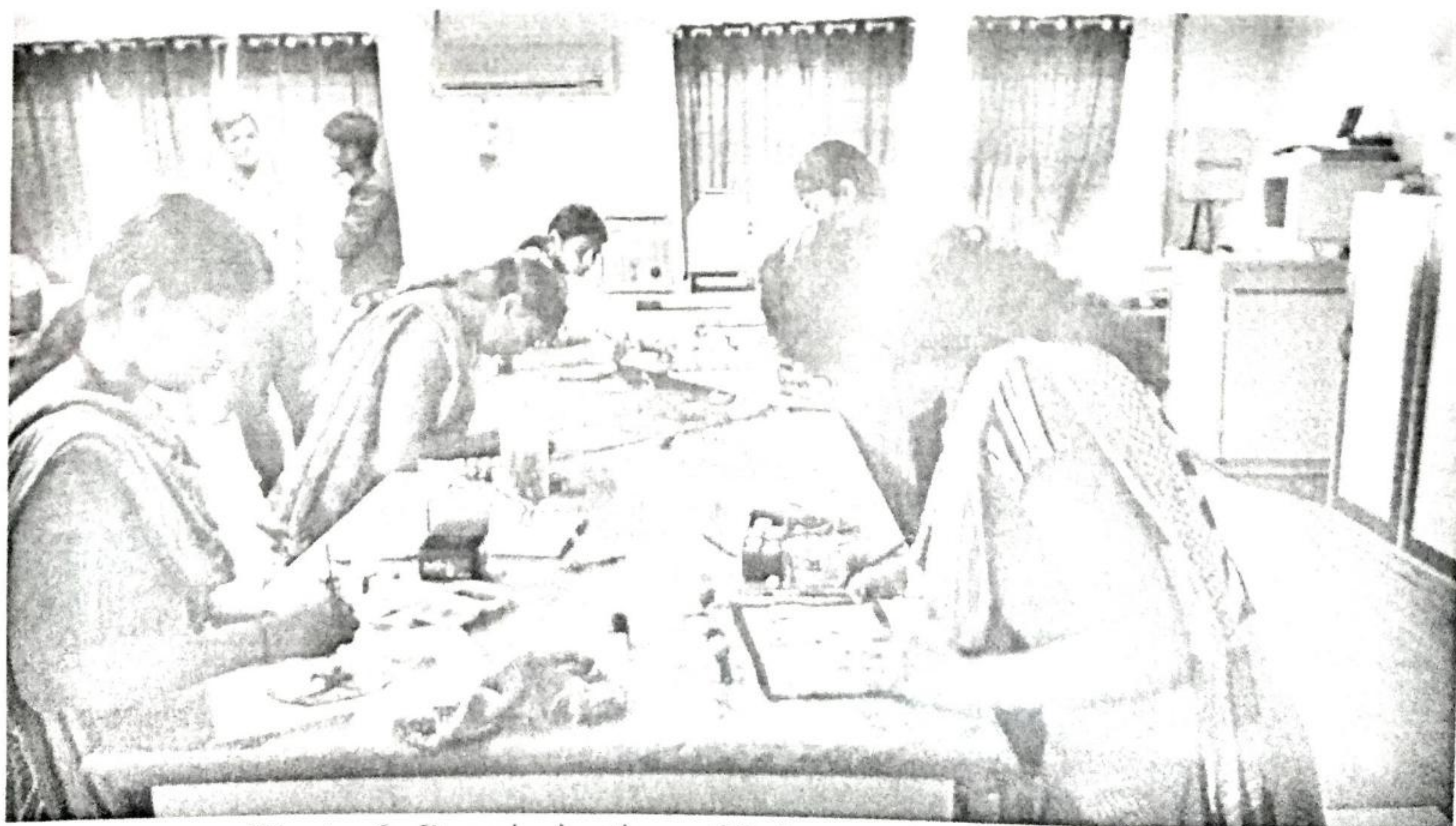


Photo 6: Popularization of Science - Event: Painting

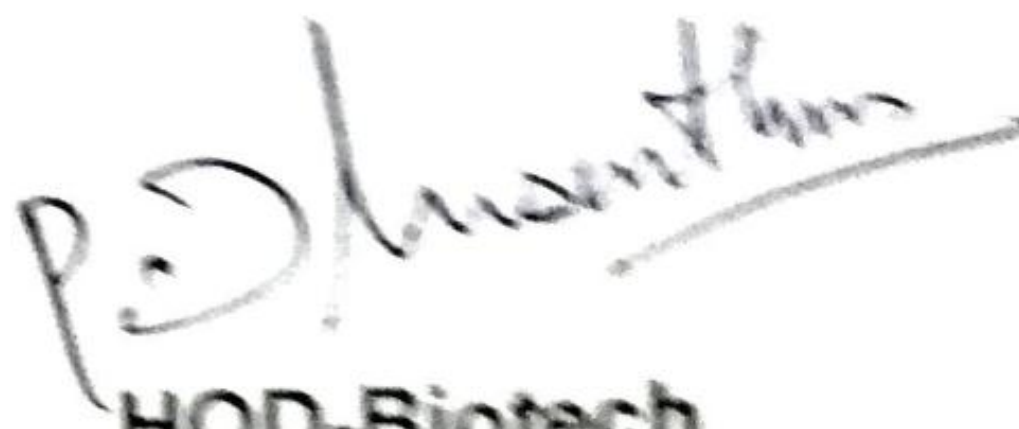
Department of Biotechnology

Prathyusha Engineering College

Popularization of Science, 39-30th October, 2018

Statement of Expenditure

S.No	Description	Amount (INR)
1.	Memento (2 x 3140)	6280.00
2.	Banners (2 x 1600) + (1 x 600)	3800.00
3.	Prizes	36000.00
4.	Stationery (paints/chart/papers)	650.00
5.	Hanger /clips	110.00
6.	Shawl (2 x 475)	950.00
	Printing (invitation, certificate)	1032.00
7.	A5 envelops	36.00
8.	Bouquet (2 x 360)	720.00
	Lamination	150.00
9.	Refreshment/Lunch – PEC sponsor	-
	Total	49,728.00


HOD-Biotech

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DOTe Campus, Chennai – 600 025.

UTILISATION CERTIFICATE

1. Name of the Programme : Popularisation of Science Activities – New Vistas in Bio-science
2. Name of the institution : Prathyusha Engineering College, Tiruvallur - 625 025.
3. Name of the Grantee/organizer : Dr.P.Dhasarathan
Associate Professor and Head
Department of Biotechnology,
Prathyusha Engineering College,
Tiruvallur - 625 025.
4. Tamilnadu State Council for Science & Technology Sanction No., date & amount. : TNSCST/POP.SCI./AR/05/2018-19/4793 dated 02.11.2018
Rs. 15,000.00 (Rupees fifteen thousand only)
5. Head of the Account : Part 1 Scheme (2018-19)

Certified that Rs. 15,000.00 of grants-in-aid sanctioned during the year 2018 - 19 in favour of The Principal, Prathyusha Engineering College, Tiruvallur – 625 025 under council letter no. TNSCST/POP.SCI./AR/05/2018-19/4793 dated 02.11.2018 has been utilised for the purpose of Popularisation of Science Activities – New Vistas in Bio-science for which it was sanctioned and the conditions of the grant are fulfilled.



Signature of the Co-ordinator

Signature of the Head of
the Institution with seal

3. Harmonic analysis in power system using ETAP



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

Department of Electrical and Electronics Engineering

ETAP Technical Domain Club

Organises

HANDS ON TRAINING ON HARMONIC ANALYSIS IN POWER SYSTEM USING ETAP



INDUSTRY EXPERT

th
20 SEPTEMBER 2018
THURSDAY

MR. K. BALAJI

ELECTRICAL ENGINEER

ETAP Automation pvt ltd, chennai

9.00AM TO 3.00PM

Report on Workshop Harmonic Analysis in power system using ETAP

Resource person: K. Balaji, Electrical engineer, ETAP automation pvt.ltd

Date: 20.9.2018

ETAP technical domain club of the Department of Electrical and Electronics Engineering organised one day Hands on training on 20.09.2018 for our technical club students. The session was handled by industry expert Mr. K. Balaji, Electrical Engineer, ETAP automation private limited. The students were trained on basic load flow analysis, short circuit analysis and harmonic analysis on power system. Students were shown very much interest in obtaining good knowledge in the area of power systems by learning the ETAP software.



ESTD. 2001

PRATHYUSHA

ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ETAP TECHNICAL DOMAIN CLUB





HANDS ON TRAINING – 20.09.2018



Link:

<https://www.facebook.com/PrathyushaInstitute/photos/a.692807447400965/2241165695898458/>

4. Importance of Robotics in industry and home appliances



PRATHYUSHA
ENGINEERING COLLEGE



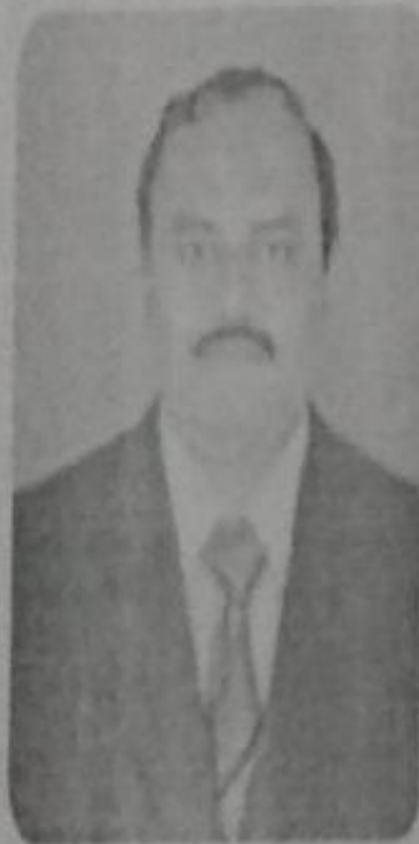
Prathyusha IEEE Student Branch
Organizing a Seminar on

ROBOTICS IN INDUSTRIAL APPLICATION

STUDENT BRANCH INAUGURATION

Date: 08.08.2018

CHIEF GUEST



Dr. P.A. Manoharan

Technical Officer C, Research & Innovation Centre
DRDO, Ministry Of Defense, IIT Madras Research
Park, Chennai.

Organizer

Dr. M. Moorthi,
Professor/ECE

In Association with

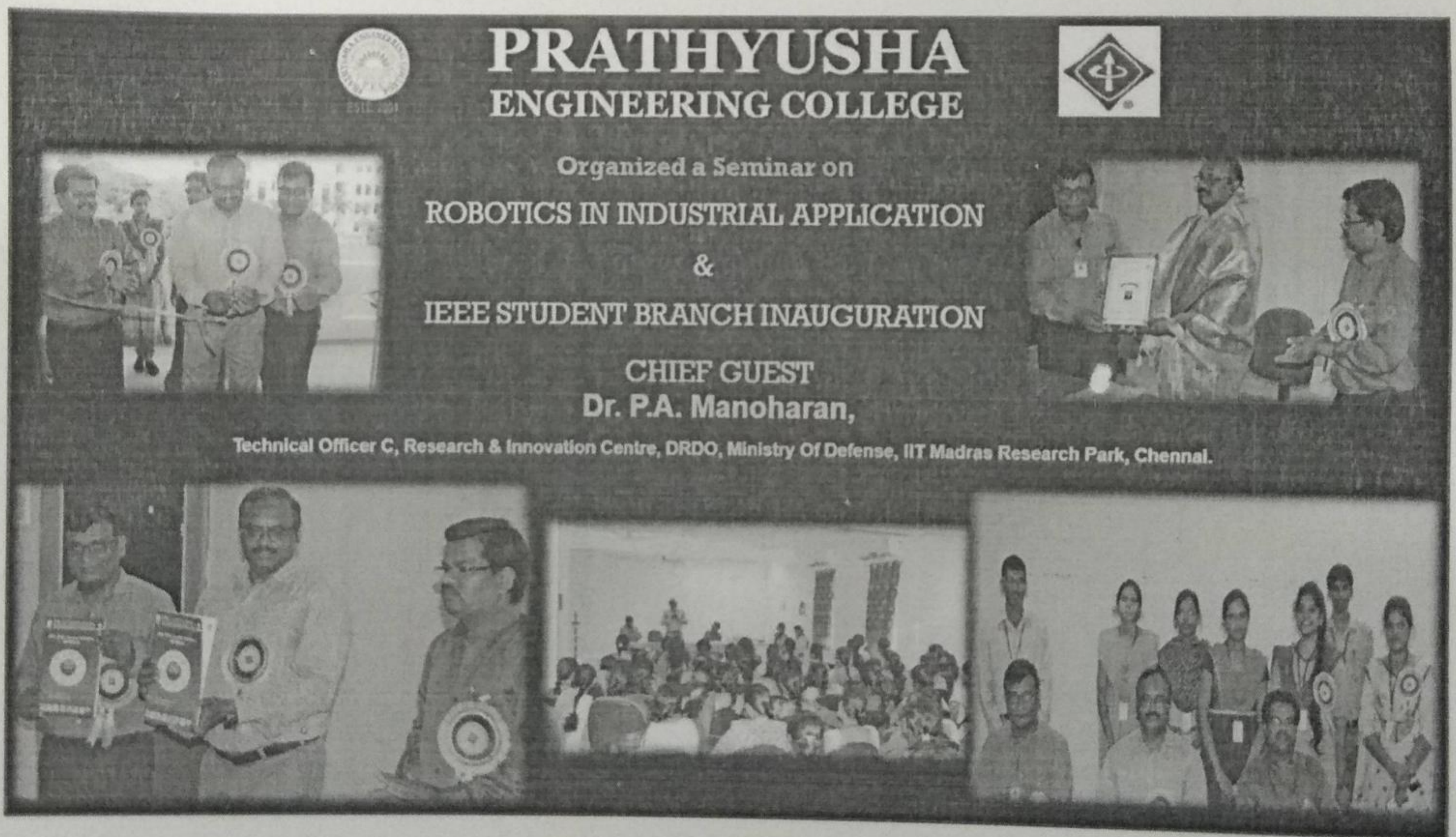


Report on Seminar on "Importance of Robotics in Industry and Home appliances".

Resource person: Dr. P.A. Manoharan, Technical Officer C, Research & Innovation Centre, DRDO, Ministry Of Defense, IIT Madras Research Park, Chennai.

Date:10.8.2018

Department of EEE Organized Seminar on Robotics in Industrial Application and Inauguration of IEEE Student Branch and by Dr. P.A. Manoharan, Technical Officer C, Research & Innovation Centre, DRDO, Ministry Of Defense, IIT Madras Research Park, Chennai. These students gained the knowledge about robotics applications.



Link:

<https://www.facebook.com/PrathyushaInstitute/photos/a.692807447400965/2186669381348090/>

REGISTRATION FORM

Name: _____

Program/Year : _____

College Name: _____

Address for Correspondence: _____

Pin Code: _____

Mobile No. : _____

E-mail: _____

Amount Paid: _____

DD No: _____

Date: _____

Name of Bank & branch: _____

Resource Person:

Eminent Industrial Experts.

Co-ordinators:

Mrs.S.Shobana, Associate Professor,

Mr.P.Manikandan, Assistant Professor

Contact no: 9840768679, 9884339663.

Mail: shobanas@prathyusha.edu.in.

IMPORTANT DEADLINES:

For registration - 27/01/19

For intimation - 28/01/19

REGISTRATION FEE

For Students (UG/PG) : 200



IEEE Industrial Applications Society
Sponsored

Two Days
National Level Workshop on
Operation and Control of
Variable Frequency Drives (VFD)

Organized by
Department
Of
Electrical & Electronics Engineering,
Prathyusha Engineering College,
Thiruvallur.



1 & 2, February, 2019

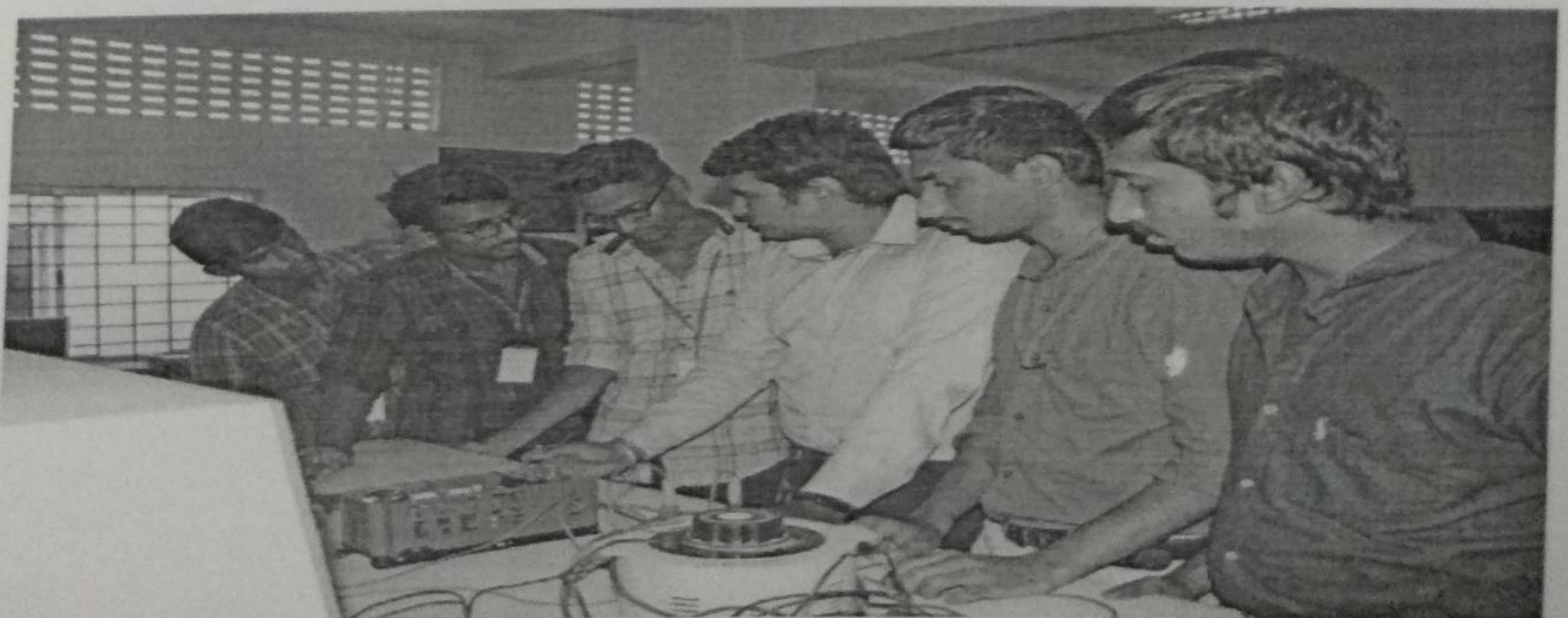
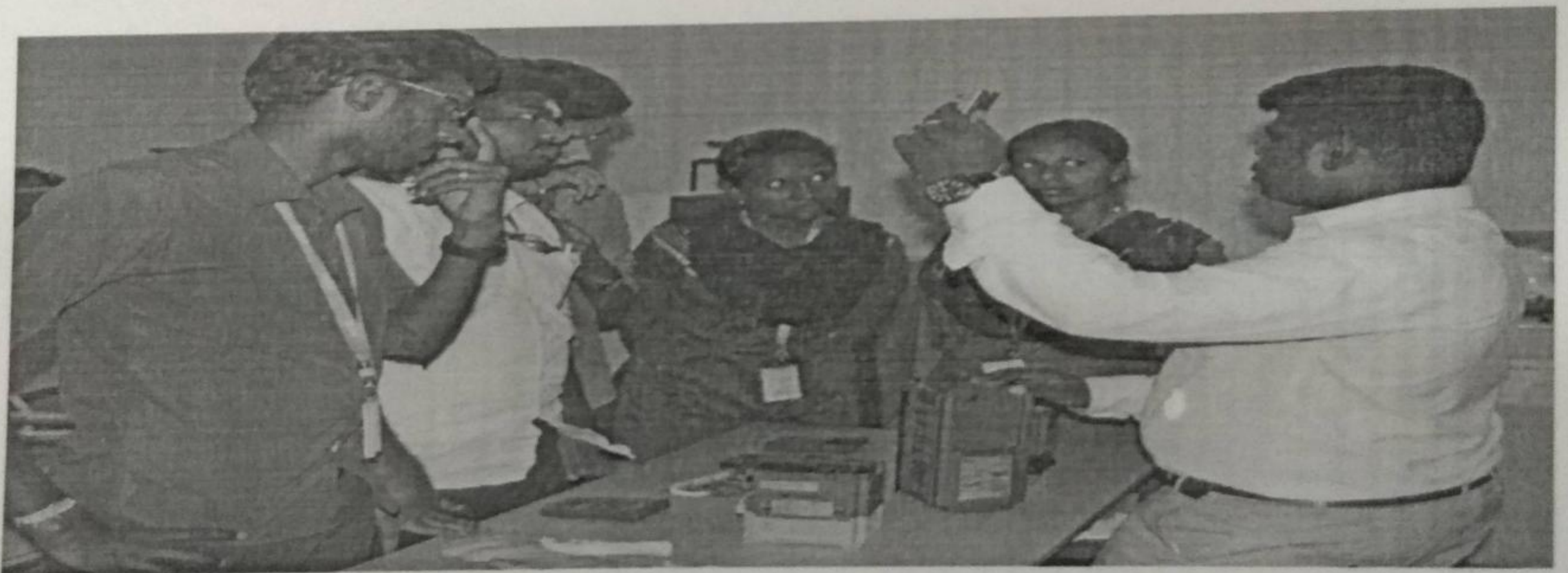
Report on Two Days National Level Workshop on Operation and control of Variable Frequency Drives

Resource person: Dr.Nazar ali, Mr.J.L.Akkash ganga & Mr.Raghavendran ,Rajalakshmi college of engineering

Date:1.2.2019 &2.2.2019

Department of Electrical & Electronics Engineering, Prathyusha Engineering College, Tiruvallur- 602025 organized a two days National level workshop on "OPERATION & CONTROL OF VARIABLE FREQUENCY DRIVES" on 1st & 2nd February 2019.

The programme is sponsored by IEEE Industrial Application Society. The resource persons Dr.Nazar ali, Mr.J.L.Akkash ganga & Mr.Raghavendran explained trends in the area of variable frequency drives used in industries & demonstrated the operation of drives used in industries.





Link:

<https://www.facebook.com/PrathyushaInstitute/photos/pcb.2439219646093061/2439214836093542>

6. Research activities on high voltage group



PRATHYUSHA ENGINEERING COLLEGE



Prathyusha IEEE - Power and Energy Society

Organizing a Technical Talk on

RESEARCH ACTIVITIES IN HIGH VOLTAGE GROUP

AND

SOCIETY INAUGURATION



CHIEF GUEST

Dr. R. Sarathi

Professor / High voltage engineering
IIT Madras, Chennai

In Association with



Organizer

Dr. M. Moorthi,
Professor/ECE

Date:
13.08.2018

Report on Seminar on "Research activities on High Voltage Group".

Resource person: Dr.Sarathi, Professor/High Voltage Engineering, Chennai

Date:13.8.2018

Department of EEE Organized Seminar on **Research activities on High Voltage Group** by Dr.Sarathi, Professor/High Voltage Engineering, Chennai.The students gained the knowledge about research process & methodologies in high voltage sector applications.



PRATHYUSHA ENGINEERING COLLEGE





Organized a Technical Talk on
RESEARCH ACTIVITIES IN HIGH VOLTAGE GROUP
&
IEEE – POWER AND ENERGY SOCIETY



CHIEF GUEST
Dr. R. SARATHI,
Professor/High Voltage Engineering, IIT Madras, Chennai.



Link: <https://www.facebook.com/PrathyushaInstitute/posts/2192343700780658>

7. Industrial safety issues



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

Department Of

Electrical And Electronics Engineering

Manufacturing And Process Support Club

Organizes

Industrial Expert Interaction
on

Industrial Safety Issues

B.NELSON

KARUNAKARAN

Retd AE

TANGEDCO

21.07.2018

VENUE:EEE SEMINAR HALL

TIME:10:00AM TO 12:00PM

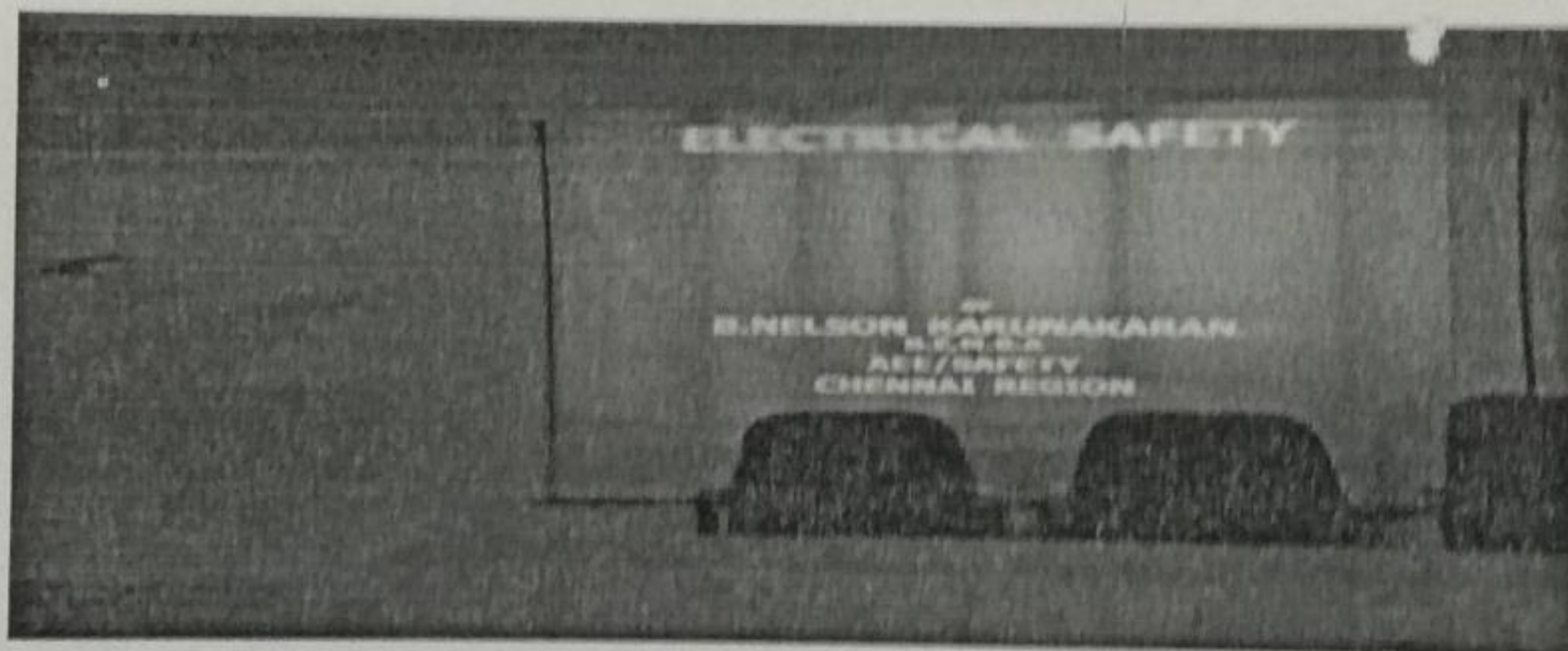
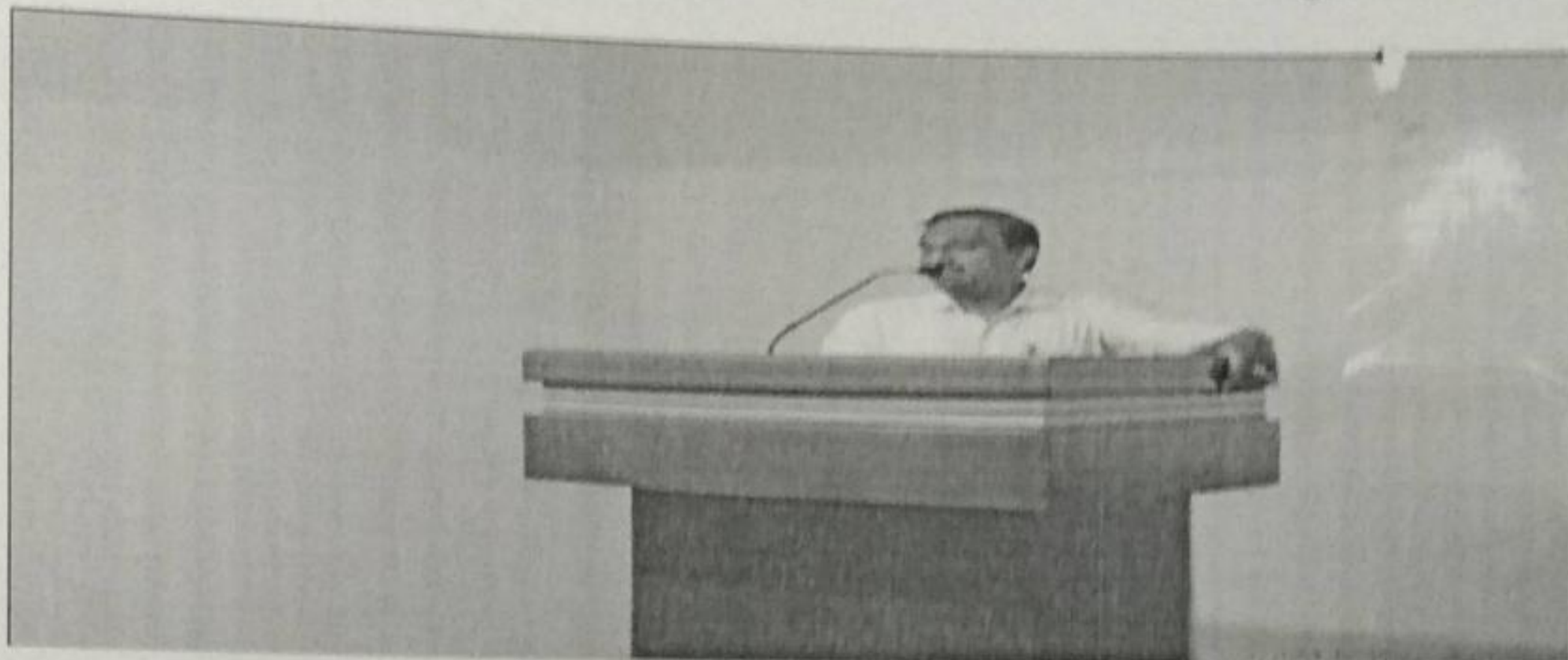


Report on Seminar on "Industrial Safety"

Resource person: Mr. Nelson Karunakaran, Retd. AE/TNEB

Date: 21.7.2018

The department of EEE organized a seminar on topic Industrial safety by Mr. Nelson Karunakaran, Retd. AE/TNEB. He delivered various aspects of safety issues to be followed in industries in detail with case study. The students gained more knowledge on Industrial safety.



Link:

<https://www.facebook.com/PrathyushaInstitute/photos/a.2146835938664768/2146836835331345>

8. Design of experiments

National Level Workshop on “Design of Experiments (DOE)” (3rd & 4th Dec 2018)

BROCHURE

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

Exercises using software like Minitab, Design Expert and MATLAB.

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 28.11.2018.

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**

**National Level Workshop
on**

**“Design of Experiments (DOE)”
(3rd & 4th Dec 2018)**

Organized by

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

Convenors

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



PRATHYUSHA

ENGINEERING COLLEGE

**THE MANAGEMENT, PRINCIPAL, STAFF
& STUDENTS CORDIALLY**

Invites You All

**National Level Workshop on
“Design of Experiments (DOE)”
(3rd & 4th Dec 2018)**

Mr. G. Venkatkumar
Coordinator

Mr.P.Jayaraman
HoD/Mech

Dr. P.L.N Ramesh
Principal

SCHEDULE

National Level Workshop on "Design of Experiment (DOE)" (3 & 4 Dec 2018)

SCHEDULE

03-12-2018	Morning Session	Inaguration Intriduction about DOE
03-12-2018	Afternoon Session	Mr.P.Jayaraman Hod/Mech
04-12-2018	Morning Session	Mr.P.Jayaraman Hod/Mech
04-12-2018	Afternoon Session	Mr.P.Jayaraman Hod/Mech

FACEBOOK LINK

<https://www.facebook.com/PrathyushaInstitute/photos/a.692807447400965/2338990906115936>

REPORT

A REPORT ON TWO DAYS NATIONAL LEVEL WORKSHOP ON DESIGN OF EXPERIMENT

Prathyusha Engineering College, Department of Mechanical Engineering has organized a two days national level workshop on "Design of Experiment" from 03/12/2018 to 04/12/2018. The main objective of the workshop is to Learn how to use designed experiments to achieve breakthrough improvements in process efficiency and quality. Discover Design of Experiments (DOE) methods that guide you in the optimal selection of inputs for experiments, and in the analysis of results for processes that have measurable inputs and outputs. Realize that process changes made as a result of statistically designed experiments typically result in more efficient processes and that's what DOE is all about.

DAY 1: 03/12/2018 – 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. Workshop inaugural address was given by Head of the Mechanical Department Dr.P.Jayaraman. He established the stages of DOE on the importance of innovative engineers in the mechanical engineering field. He also recommended undergraduate students to participate in motorsport activities and design competitions, so that they gain practical knowledge and experience.

The first technical session began at 10.30am by Mr.G.Venkat kumar, Assistant Professor, Mechanical Engineering, Prathyusha Engineering College. He has explained Future articles will cover more DOE fundamentals in addition to applications and discussion of DOE analyses.

The inaugural session ended with vote of thanks to the inaugural chief-guest by Coordinator Dr. P.Jayaraman. And he esteemed gratitude to management for giving support to organize the workshop.

DAY 1: 03/12/2018 – Afternoon Session

The second speaker of the second session was Dr. V. Jayaseelan, Professor, Mechanical Engineering, Prathyusha Engineering College. He discussed about the components of experimental design in factors, levels and responses and also covered the purpose of doing the experimentation in various factors such as comparing alternatives and reducing variability and minimizing, maximizing or targeting output. Students are interacted and clarified their doubts with the speaker.

DAY 2: 04/12/2018 – Morning Session

The first technical session began at 10.30am by Mr.G.Venkat kumar, Assistant Professor, Mechanical Engineering, Prathyusha Engineering College. He briefly addressed experimental design guidelines in a detailed manner.

DAY 2: 04/12/2018 – Afternoon Session

Last session of the workshop was given by Head of the Mechanical Department Dr.P.Jayaraman. He explained The most commonly used terms in the DOE methodology like controllable and uncontrollable input factors, responses, hypothesis testing, blocking, replication and interaction. Finally we spoken about Integrated Process Management System and its advanced techniques, this makes participate to ask more clarification and questions based on the system.

Dr.V.Jayaseelan, coordinator of this workshop invites Mr.G.Venkatkumar to proposed vote of thanks. He said his sincere gratitude to the speaker for accepting our invitation and his interesting speech. He said "successful conduct of such glorious events is possible only because of the team work of our faculty members. He also thanked all students and staff delegates who made the lecture workshop fruitful.

ATTENDANCE

PRATHYUSHA ENGINEERING COLLEGE

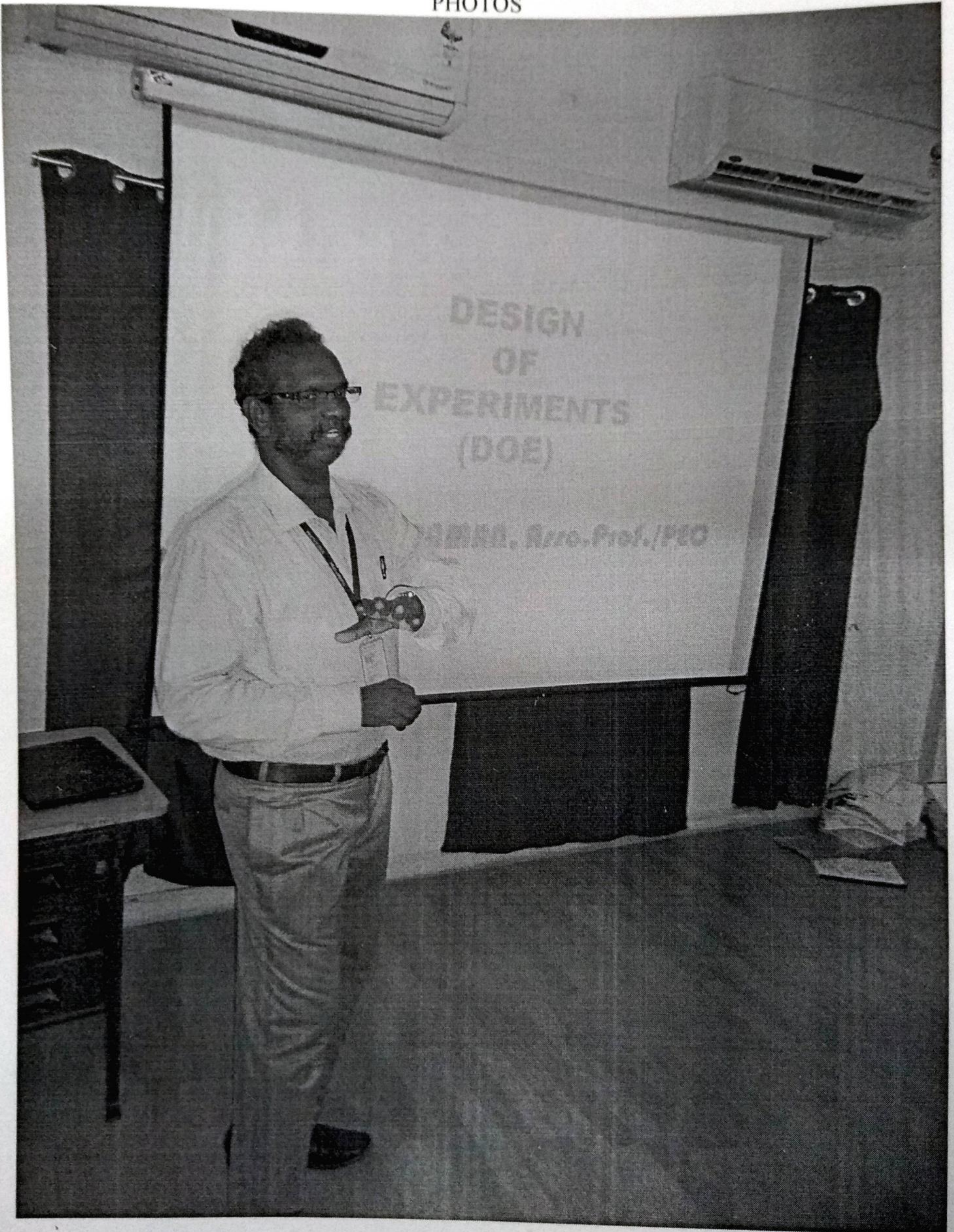
Department of Mechanical Engineering

National Level Workshop on
"Design of Experiments (DOE)"
(3rd & 4th Dec 2018)

Attendance sheet

S.No	Name	College name	Mobile No	Signature
1	V. JAYASEELAN	P.E.C	9710693408	V. Jayaseelan
2	D. MEENAKSHYAN	P.E.C	8144507560	D. Meenakshyan
3	K. BALACHANDRAN	P.E.C	9546737678	K. Balachandran
4	P. SIVAKUMAR	P.E.C	9701565777	P. Sivakumar
5	P. K. R. K. R.	P.E.C	9778854777	P. K. R. K. R.
6	R. RAHAYAN	P.E.C	9543060430	R. Rahayan
7	T. JAYARAJAN	P.E.C	9701565777	T. Jayarajan
8	N. K. S. K. R.	P.E.C	9597787075	N. K. S. K. R.
9	S. S. S. S. S.	P.E.C	7904557241	S. S. S. S. S.
10	P. R. R. R. R.	P.E.C	9432143201	P. R. R. R. R.
11				
12				
13				
14				

PHOTOS



9. Recent advancements in EDA tool

ORGANIZING COMMITTEE

Chief Patron	Shri P. Raja Rao Founder & Chairman PEC
Patron	Dr P.L.N. Ramesh Principal, PEC
	Ms. Premalatha G HoD, ECE Dept., PEC
Convener	Mr. Ajin Asst. Professor ECE
Coordinator	Mr. Ajin Asst. Professor ECE
Co-coordinator	Ms. Kalpanadevi Asso. Professor ECE
	Ms. Rubini Asst. Professor ECE

Registration link

https://docs.google.com/forms/d/e/1FAIpQLSfN/RTdyfusGd6m4dobMHpuOekpAkEQhJX0b_MN-jf-wBfExQ/viewform

Last date for registration 11.08.2018
Last date for confirmation 13.08.2018

SPONSORSHIP

Mr./Ms./Dr. _____ is an employee of our institution and he/she is sponsored to attend the National level workshop on **Recent advancements in EDA tools** conducted at Prathyusha Engineering College on 16th August 2018.

Date:

Signature of Sponsoring
Authority with office Seal

Contact Address:

Ms. P. Kalpana Devi, Professor ECE
Ms. M. Priya, Asso. Prof. ECE
Department of ECE,
Prathyusha Engineering College,
Aranvoyaluppam,
Thiruvallur District
Tamil Nadu - 602 025
Phone: +91 4437673730
+91 9500964717, 9445382005
E-Mail Id: ajin.ece@prathyusha.edu.in

Workshop
on

"Recent advancements in EDA tools"

16/08/2018 & 17/08/ 2018

Coordinator

Mr. Ajin, Assistant Prof. ECE

Organized by

PEC-VLSI Club

Resource persons

Mr. Kishore, Project Manager, Tech
Labs

**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION
ENGINEERING**



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE
(An AICTE Approved, ISO certified Institution)
Thiruvallur - 602025
Ph: 044 37673767, Fax: 044 37673763

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 VLSI CLUB

VLSI IC Design & Fabrication Club gives training to develop the knowledge of VLSI IC design. IC stands for Integrated circuit(IC) by combining thousands of transistors into a single chip, an integrated circuit or monolithic integrated circuit is asset of electronic circuits on one small flat piece of semiconductor material, normally silicon. Integrated Circuit is also referred to as an IC, a chip, or a microchip.

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.

Workshop
on

"Recent advancements in EDA tools"

16/08/2018 & 17/08/ 2018

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

8. Mobile No

9. Email-Id

Place:

Date:

Signature

Signature of the Head of the
Institution/Department

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

Recent advancements in EDA tools

Date: 16.08.2018 & 17.08.2018

Attendance sheet

S.No	Participants name	16.08.2018	17.08.2018
1.	L Vanitha	<i>[Signature]</i>	<i>[Signature]</i>
2.	G Premalatha	<i>[Signature]</i>	<i>[Signature]</i>
3.	M. Priya	<i>[Signature]</i>	<i>[Signature]</i>
4.	P Malathi	<i>[Signature]</i>	<i>[Signature]</i>
5.	Ajin	<i>[Signature]</i>	<i>[Signature]</i>
6.	Kalpanadevi	<i>[Signature]</i>	<i>[Signature]</i>
7.	Vanitha	<i>[Signature]</i>	<i>[Signature]</i>
8.	S Vimala	<i>[Signature]</i>	<i>[Signature]</i>
9.	S Inbalakshmi	<i>[Signature]</i>	<i>[Signature]</i>
10.	Srilakshmi	<i>[Signature]</i>	<i>[Signature]</i>
11.	Kishore T	<i>[Signature]</i>	<i>[Signature]</i>
12.	Vignesh	<i>[Signature]</i>	<i>[Signature]</i>
13.	Jayamani R	<i>[Signature]</i>	<i>[Signature]</i>
14.	Tamizhselvan V	<i>[Signature]</i>	<i>[Signature]</i>
15.	Harish Kumar K	<i>[Signature]</i>	<i>[Signature]</i>
16.	M Ramanathan	<i>[Signature]</i>	<i>[Signature]</i>
17.	P Sureshkumar	<i>[Signature]</i>	<i>[Signature]</i>
18.	N V Nikhilkumar	<i>[Signature]</i>	<i>[Signature]</i>
19.	P Choladevi	<i>[Signature]</i>	<i>[Signature]</i>
20.	S.K Asifa	<i>[Signature]</i>	<i>[Signature]</i>
21.	R Rudhra	<i>[Signature]</i>	<i>[Signature]</i>
22.	Sindhupriya	<i>[Signature]</i>	<i>[Signature]</i>

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

WORKSHOP REPORT ON "Recent advancements in EDA tools"

Name of the Training: Recent advancements in EDA tools

Name of the Faculty : Mr.Ajin

Dates: 16.08.2018 & 17.08.2018

We would like to express our thanks to Management and Principal of Prathyusha Engineering College in order to given a permission to attend the workshop on 'Recent advancements in EDA tools' from 16.08.2018 & 17.08.2018 done by Mr.Kishore, Project manager, TECH LABS, Chennai.

The following topics were covered in the training:

This training aims to sharpen the knowledge of the participants in the field of IC design and fabrication using EDA tools. This training is a gateway to enrich the ideas and its effects in depth about design and implementation of circuits in VLSI using EDA tools. This training will motivate students to become a good IC design engineers.

This training programme provides an opportunity to receive comprehensive training in the field of Integrated Circuit Design.

- ✓ New ideas and information can be shared which enable the participants to understand the recent advancements in IC design.
- ✓ Hands on experience in EDA tools for design and implementation of analog and digital circuits.
- ✓ The participants will understand basic concepts of VLSI Architecture design, implementation with Tanner EDA Tool.
- ✓ Attending this training programme paves the way to start their research in the above fields.

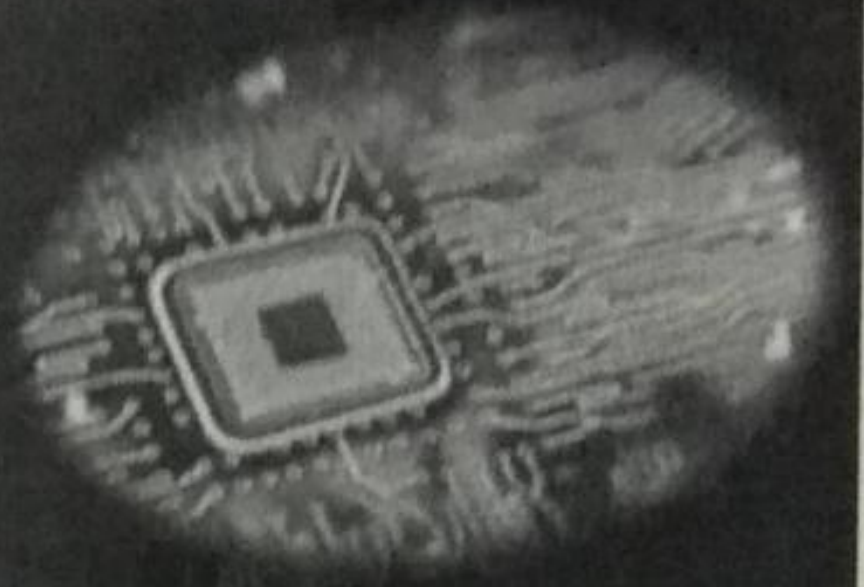


PRATHYUSHA ENGINEERING COLLEGE

VLSI DOMAIN CLUB

&

DEPARTMENT OF ECE



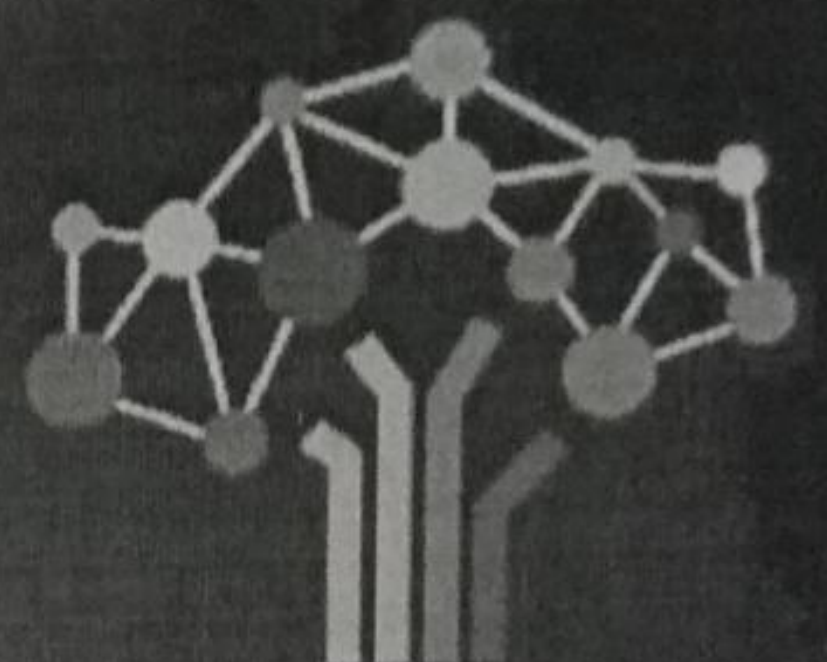
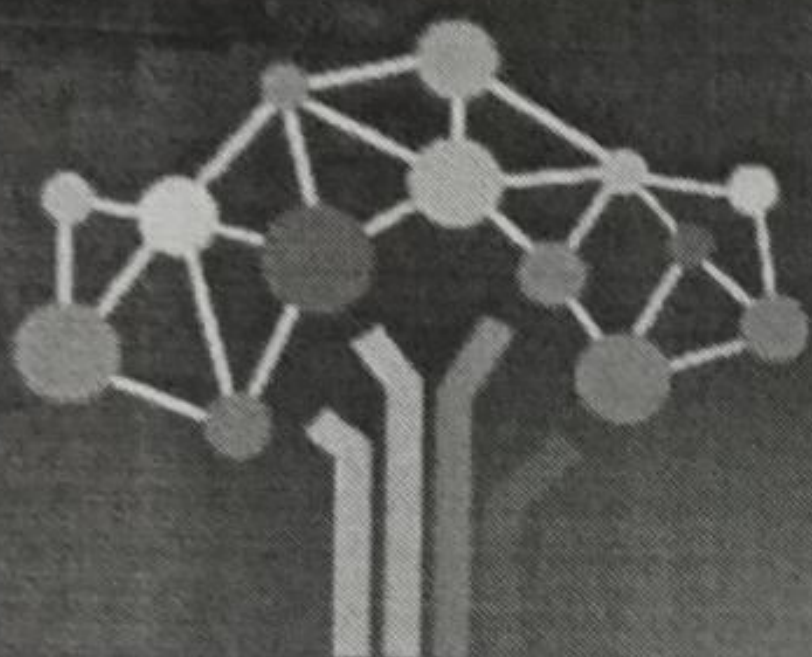
Organizing a Two day workshop on

RECENT ADVANCEMENTS IN EDA TOOLS

BY

TECH LABS, CHENNAI

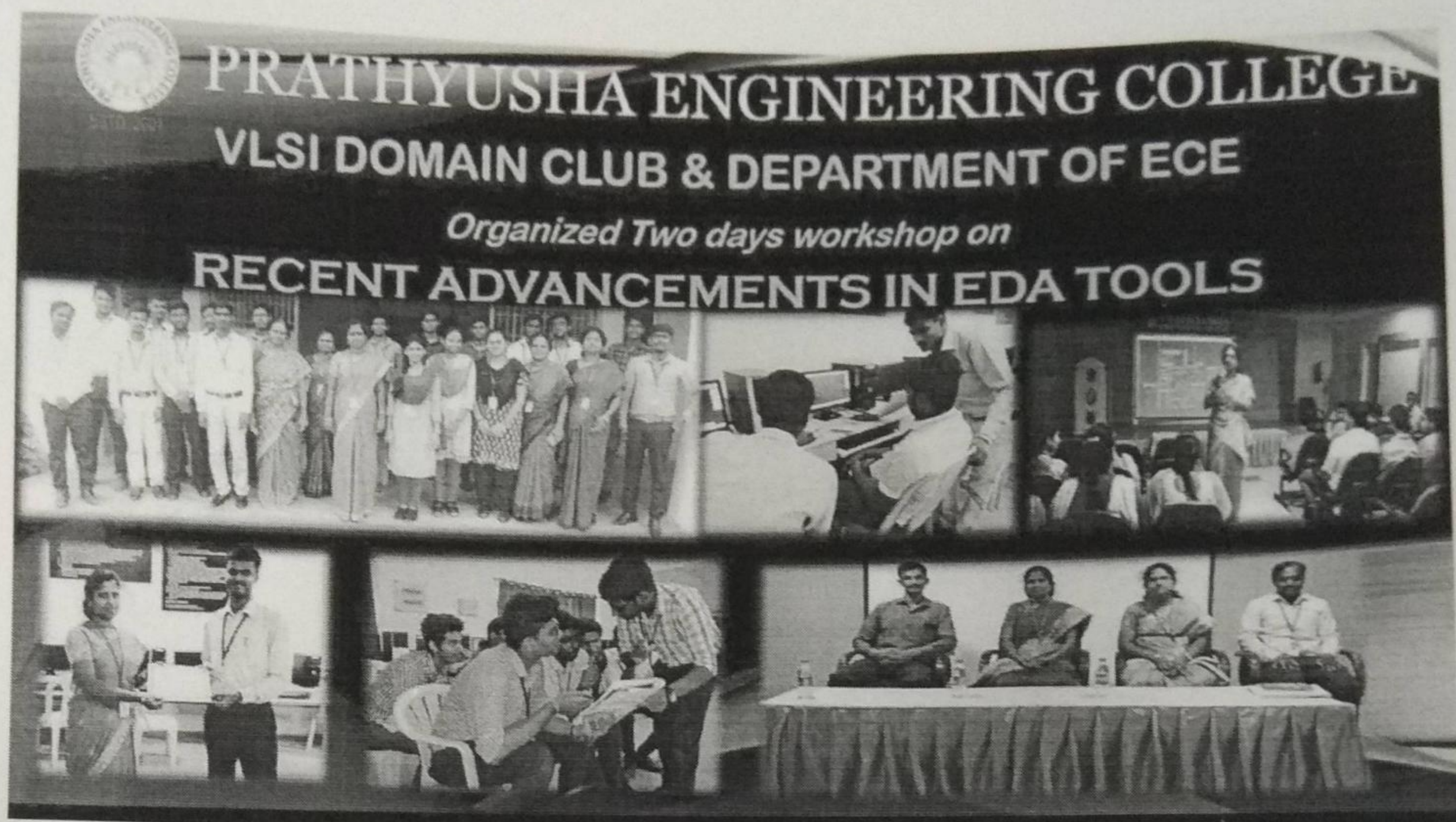
On 16-08-2018 & 17-08-2018



NAME OF THE EVENT DATE OF THE EVENT			
TO BE SUBMITTED TO ESTATE OFFICER			
VENUE (tick which ever is applicable)		Seminar Hall Multipurpose Hall	
Transportation		Guest 1 Guest 2	
Nature of Transport		Pick up Time	
College vehicle		Drop Time	
Type		Phone No.	
Pick Up address			
Banner (Content to be approved by Principal)			
Venue			
Size			
City			
Cost			
NAME OF THE EVENT DATE OF THE EVENT			
TO BE SUBMITTED TO FINANCE MANAGER			
Budget Amount requested		Proposed	
Memento, Bouquet, Shawl		Sanctioned	
Transport		Sign	
Remuneration		Remarks	
Prizes			
Certificates			
Printing			
Banner			
Refreshments			
Miscellaneous			
Total			
NAME OF THE EVENT DATE OF THE EVENT			
QUESTIONS/BADGES/STAGE ARRANGEMENT: MR. DINAKARA PRASAD			
NAME OF THE GUEST			
DESIGNATION			
ORGANISATION			

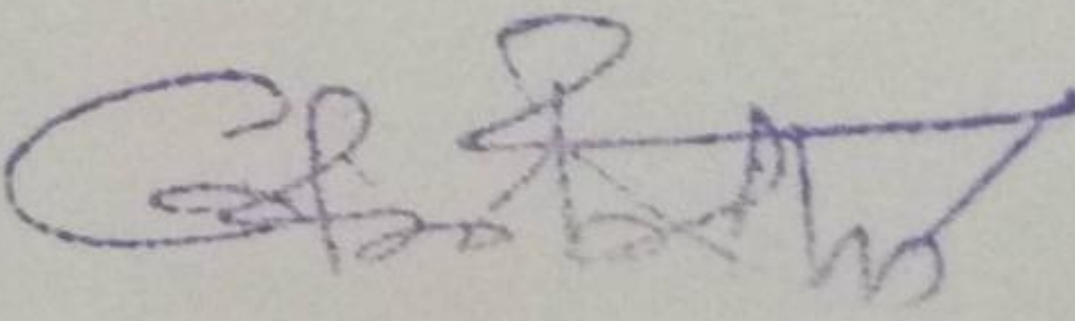
NAME OF THE EVENT DATE OF THE EVENT			
TO BE SUBMITTED TO EVENT MANAGEMENT			
Memento/ Shawl/ Bouquet		Total	
Details		Quantity	
Memento		Cost estimate	
Shawl		Total	
Bouquet (Type: Fruit/ Flower)			
NAME OF THE EVENT			
DATE OF THE EVENT			
TO BE SUBMITTED TO MESS MANAGER			
Food		Time	
Breakfast		Venue	
Refreshment- FN		City	
Lunch			
Refreshment- AN			
NAME OF THE EVENT			
DATE OF THE EVENT			
PUBLICISING IN SOCIAL MEDIA- CONTENT TO BE APPROVED- WEBSITE COORDINATOR			
FACEBOOK*		ON EVENT	
WEBSITE*		POST EVENT	
TWITTER*			
ENGAGEMENT			
COLUMN (MR. EDWIN)*			
SMS (MS. SHEEBA)*			
WHATSAPP (DEPT. GRPI)*			
MAIL (HODS MAIL)*			
REMARKS BY WEBSITE COORDINATOR			
Repch		Repch	
New		New	
NAME OF THE EVENT			
DATE OF THE EVENT			
Transport		Branch/ Entry fee	
No. of Buses		Students Strength	
Time		Destination (City/ State/ Country)	
Accompanying faculty			

*Attach Engagement Column Content, Website content, Facebook content, Twitter Content, SMS content, WhatsApp content, Mail Content, Letter and No.



Workshop on "Recent advancements in EDA tools" on 16.08.2018 & 17.08.2018.

Su. Srinivas
CO-ORDINATOR


HOD/ECE

10. Recent trends in industrial iOT



Iniyan ECE <iniyan.ece@prathyusha.edu.in>

Invitation from PEC: As a Resource person to IOT Club

2 messages

Iniyan ECE <iniyan.ece@prathyusha.edu.in>
To: sathish@asictron.com

Tue, Jan 29, 2019 at 12:42 PM

Respected Sir,

Its pleasure to inform you that IOT Club of ECE department is proposed to conduct Industry Expert Interaction on 1/2/2019 at college premises. So I kindly request you to share your valuable knowledge in the field of Internet of Things to our club students.

Thanking You,

Yours Sincerely,
E.U.Iniyan,
Asst Professor/ECE,
Prathyusha Engineering College,
Chennai.
Mob: 9445452171

Sathish <sathish@asictron.com>
To: Iniyan ECE <iniyan.ece@prathyusha.edu.in>

Tue, Jan 29, 2019 at 2:18 PM

Respected sir ,

We are delighted to inform you that we are confirming your participation in a free seminar IIoT.

Date: 01.02.2019, Friday,

Time: 12.30pm.

Technical Person: Mr.S.Sathishkumar , Mr.Gunasekaran

The seminar will give you all the details about **IIOT, latest trends in Skills based training, group activities**, etc. The training will help you to be a better person in your personal as well as professional life. Your attitude towards communication and interpersonal skills will drastically change after attending this seminar.

In the seminar, you will be a part of a team so your hard work and sincerity is a must to help the team in succeeding. Refrain from using mobile phones in the seminar hall.

The seminar is result -oriented. We look forward to work with you in the seminar. You will truly enjoy the enriching experience.

Please find the attachment below for value added Training Quotation.

With Thanks & Regards

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ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

EMBEDDED AND ROBOTICS CLUB

&

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT ON INDUSTRIAL EXPERT INTERACTION

TITLE: RECENT TRENDS IN INDUSTRIAL IOT

DATE: 01.02.2019

TIME: 1PM – 3 PM

VENUE: SEMINAR HALL (MAIN BLOCK)

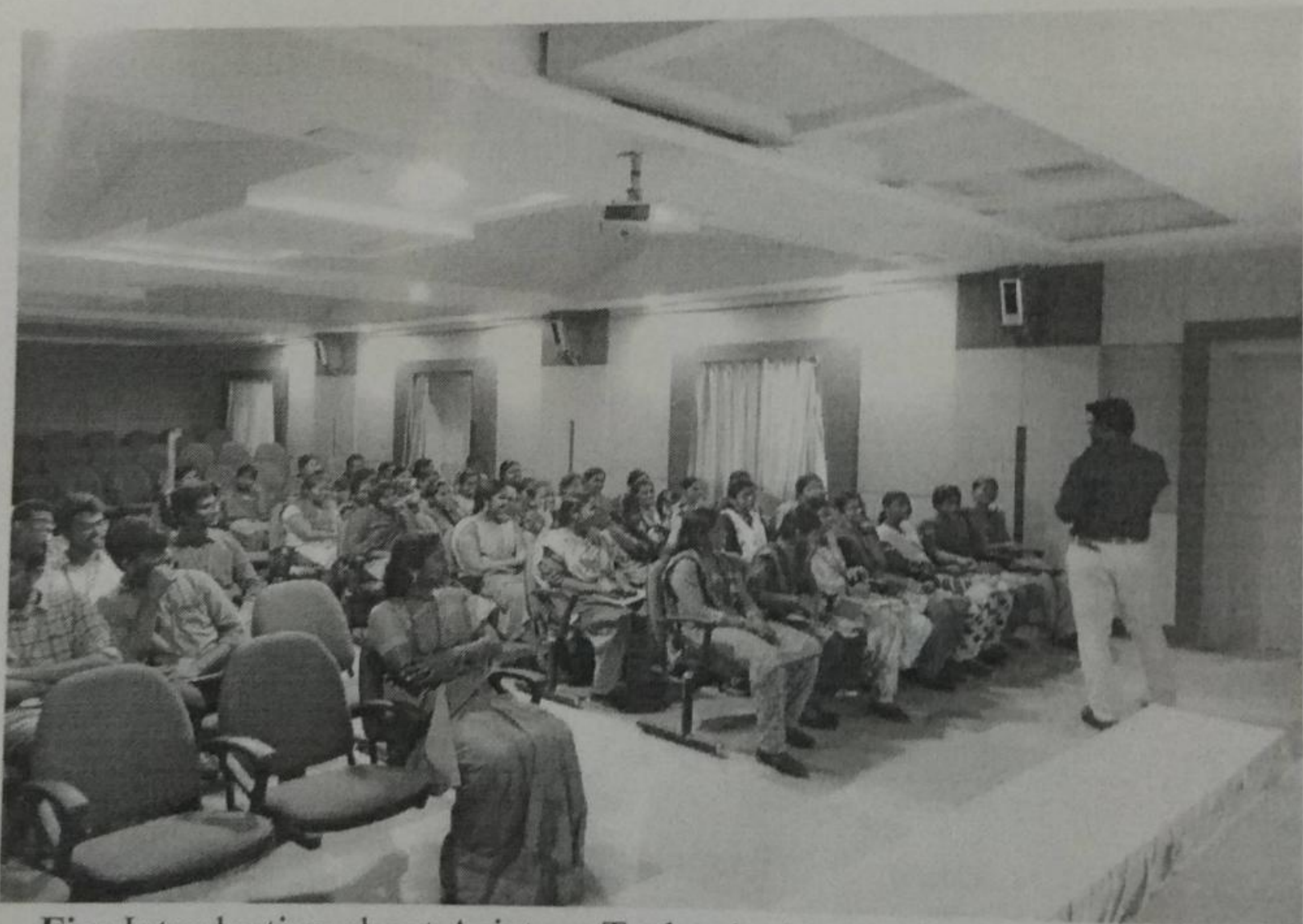


Fig: Introduction about Asictron Technologies By Mr.S.Satish Kumar

The chief guest for this program was **Mr. S.Satish Kumar, Project Manager, Asictron Technologies Pvt Ltd** has delivered the technical talk about industrial IOT.

What is Industrial IoT?

The industrial internet of things, or IIoT, is the use of internet of things technologies to enhance manufacturing and industrial processes. Also known as *the industrial internet or Industrie 4.0*, IIoT incorporates machine learning and big data technologies to harness the sensor data, machine-to-machine (M2M) communication and automation technologies that have existed in industrial settings for years.

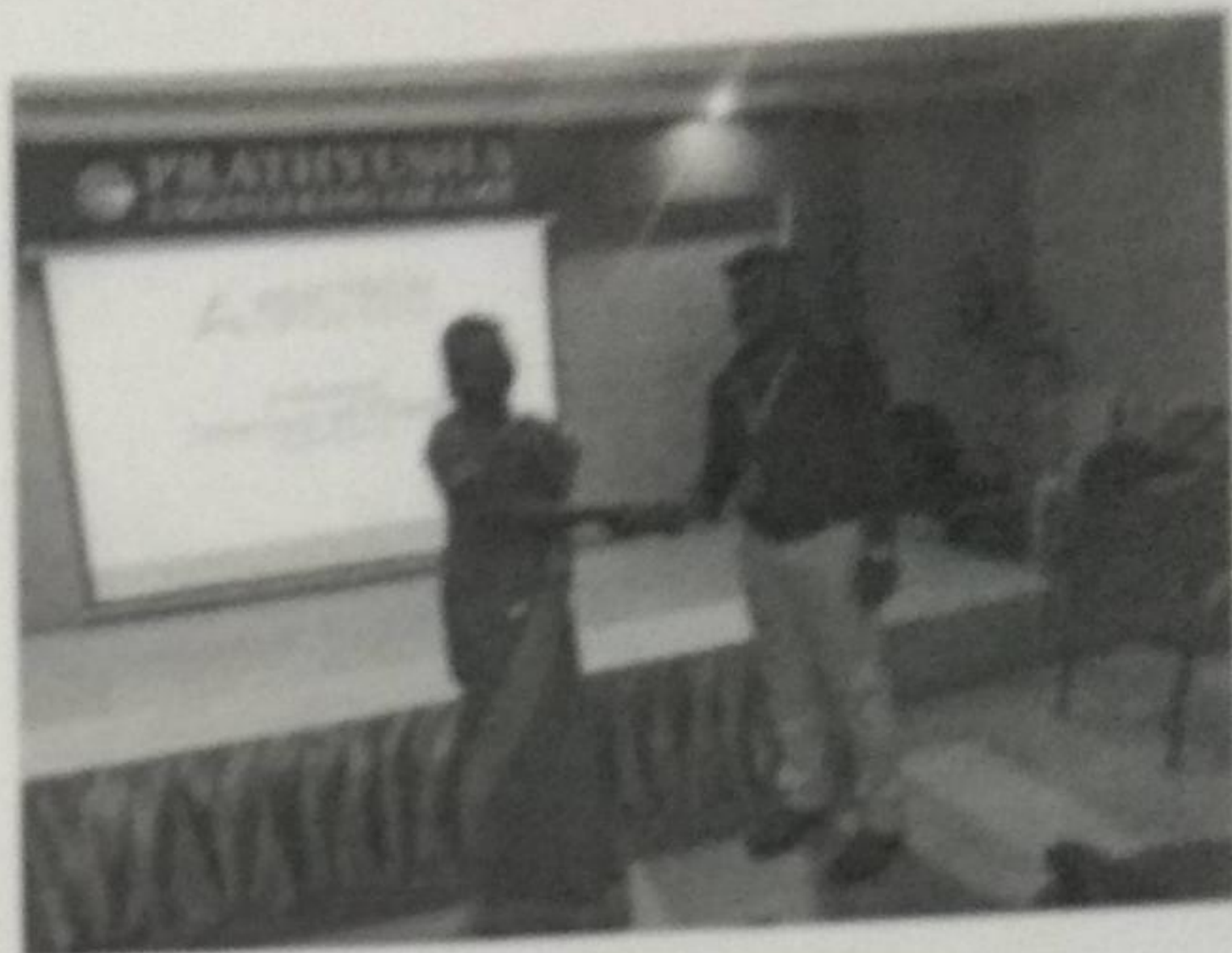
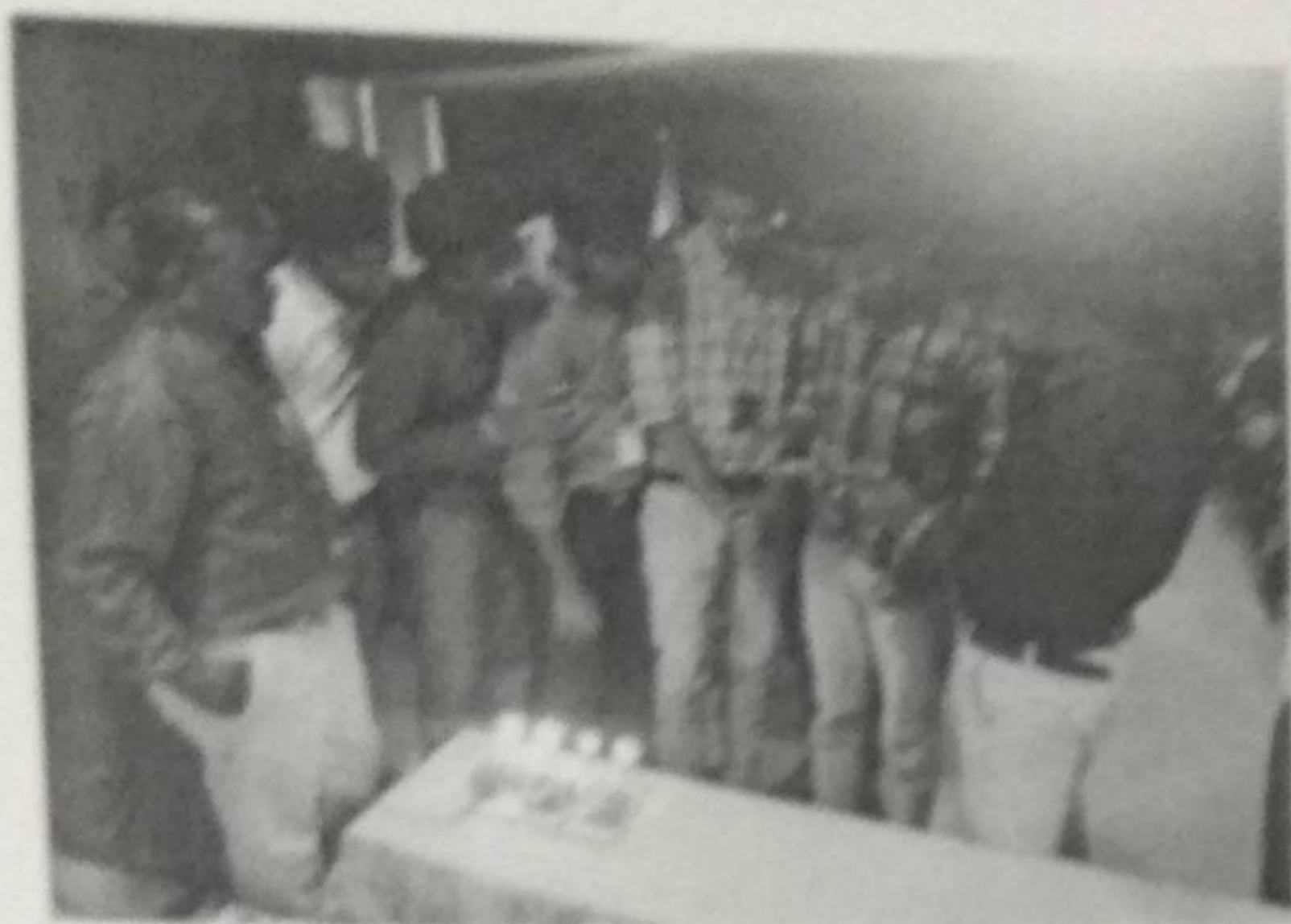
TOPICS COVERED :

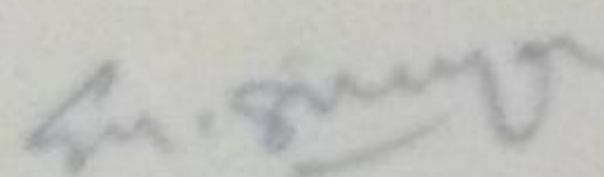
- i) The definition(s) of Industrial IoT and IIoT
- ii) Industrial Internet of Things in evolution: from operational efficiency to innovation
Industrial Internet of Things across major industries
 - ✓ Manufacturing: the largest IIoT market
 - ✓ The IIoT in connected logistics and transportation
 - ✓ IIoT in energy and utilities
 - ✓ IIoT in other industries
- iii) The Industrial Internet of Things market: size, growth and impact on economy
- iv) Industrial Internet of Things adoption barriers: the major challenges
 - ✓ Data integration challenges (and data is key in IIoT).
 - ✓ Lack of skills (and access to skills)
 - ✓ Cybersecurity and data security
 - ✓ Other IIoT adoption barriers
- v) The main global initiatives promoting and standardizing the Industrial Internet of Things
 - ✓ The Industrial Internet of Things in the Industry 4.0 Platform view
 - ✓ The Industrial Internet of Things in the Industrial Internet Consortium view
- vi) Future of industrial IoT

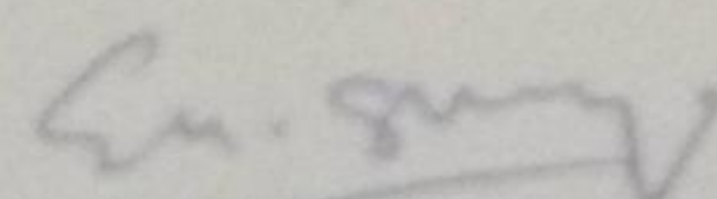
The Industrial IoT represents a variety of IoT applications, smart product design principles, and data-driven automation practices in the industrial sector of economy. It widely utilizes modern sensor technology to enhance different types of equipment with remote monitoring and maintenance capabilities. On a larger scale, the Industrial IoT is a key element of Industry 4.0, or smart factory, trend of automation, which brings together modern cloud computing, IIoT, and AI to create intelligent, self-optimizing industrial equipment and facilities.

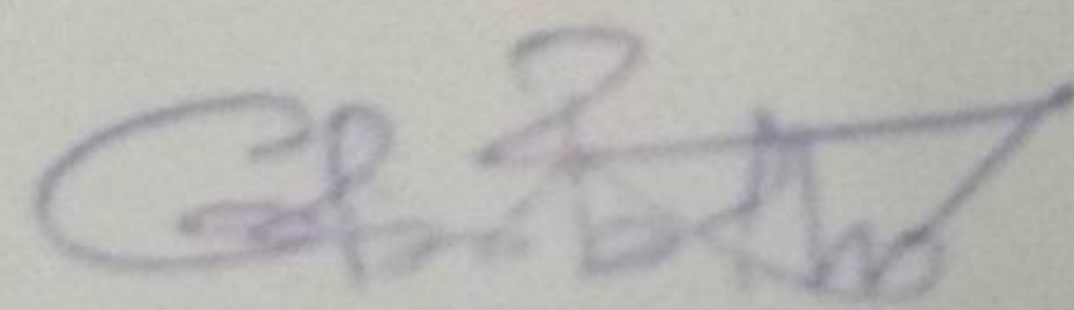
vii) Applications and benefits of Industrial IoT in manufacturing sector

GLIMPSES OF IEI




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CLUB COORDINATOR


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