



6.3.3

YEAR	Title of the professional development/ administrative training programs organised for teaching staff (Professional development/ administrative training programs)	Link to the Document
2017-2018	PRINCIPLES OF MANAGEMENT	BROCHURE REPORT
2017-2018	FACULTY ENHANCEMENT TRAINING PROGRAMME ON RECENT TREN DS IN TEACHING METHODOLOGY	BROCHURE REPORT
2017-2018	HANDS-ON WORKSHOP ON USING SPSS	BROCHURE REPORT
2018-2019	EXCEL WORKSHOP	BROCHURE REPORT



2018-2019	FACULTY DEVELOPMENT TRAINING PROGRAM ON BM6701: PATTERN RECOGNITION AND NEURAL NETWORKS.	BROCHURE REPORT
2019-2020	SELF CARE FOR EDUCATORS	BROCHURE REPORT
2019-2020	FACULTY UPSKILLING PROGRAM: HANDS ON TRAINING IN LABVIEW	BROCHURE REPORT
2019-2020	TRAINING ON MICROBIAL BIOFILMS AND ITS CLINICAL RELEVANCE-TEACHING FACULTY	BROCHURE REPORT
2020-2021	HOW TO CONNECT WITH STUDENTS AND UNDERSTAND THEIR EMOTIONS	BROCHURE REPORT



2020-2021	TRAINING ON MATLAB APPLICATION IN BIOTECHNOLOGY-TEACHING FACULTY	BROCHURE REPORT
2020-2021	TRAINING ON NCBI GENE SEQUENCING ANALYSIS-TEACHING FACULTY	BROCHURE REPORT
2021-2022	COVID -19 AND ITS IMPACT ON WORLD ECONOMY	BROCHURE REPORT
2021-2022	HANDS ON TRAINING ON BIOPAC SYSTEMS (HARDWARE AND SOFTWARE)	BROCHURE REPORT
2021-2022	BASICS OF PYTHON PROGRAMMING	BROCHURE REPORT



**RAJALAKSHMI
ENGINEERING COLLEGE**

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Faculty Development Program

Principles of Management

Organized by

**Department of Aeronautical
Engineering**

ON:25/10/2017

from:10am to 1pm

venue:Heritage Hall



Aashish Sartape
Asistant.professor

S. V. Kumar
PRINCIPAL
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THANDALAM, CHENNAI - 602 105.





KAJALAKSHMI ENGINEERING COLLEGE

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Permission letter

Date :12.10.2017

Place: Chennai

From

Dr. Yogesh Kumar Sinha
Professor and Head of Department
Department of Aeronautical Engineering
Rajalakshmi engineering college, Thandalam
Chennai – 602105

To

The Principal
Rajalakshmi Engineering College
Thandalam
Chennai – 602105



PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.

Dear Sir / Madam

Sub – Requisition to conduct FDP for teaching Staff- “**Principles of Management**”

We have planned to conduct the One Day Faculty Development Program titled **Principles of Management** for Aeronautical Engineering teaching staff on 25/10/2017. I believe this will be a very informative session and helpful to enhance their knowledge. All the necessary things like the catering service will be arranged separately by us. I hope to hear this event has been approved soon Thank you very much for your time and consideration of my request.

Facility Requirement

1. Heritage Hall for induction program
2. Refreshment for Resource Persons
3. Memento

Permitted
12/10/17

Signature 12/10

Ashish Sartape(NT)



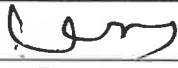


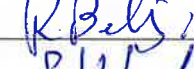

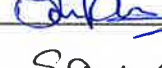
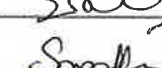
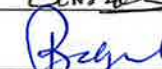
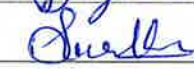

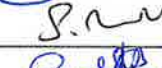



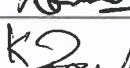



At the age of 23 I passed NET and SET exam and I also got JRF from UGC for my research. I believe in practical learning and Trying to achieve learning objectives of students. I believe on if you invest your own time my responsibility to convert that investment in good return (Good Score, Pass Exam etc.) I taught Higher secondary to Ph.D level student and also took sessions related to various subject such as economics management account statistics marketing business administration B.Com BBA MBA Ph.D BBM M.Com as well as some competitive exams

HOD / AERO

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Rajalakshmi Engineering College
Department of Aeronautical Engineering
Seminar on "Principles of management"
(25/10/2017)

s.no	Name	Department	Sign
1	Dr. Yogesh Kumar Joshi	Prof. Aero	
2	AROUNDHAN P	AP, AERO	
3	Balagueri P	AP, Aero	
4	Balaji R	AP, Aero	
5	Suresh chandran. Khanda	AP, (S) Aero	
6	Jackson R	Aero, AP	
7	EZHILMARAN G	AP, AERO	
8	Baravara kumar S	AP, Aero	
9	Suresh Babu Bogadi A	AP (S) Aero	
10	Suresh Rathi D	AP, Aero	
11	Mr. N. Vinodh Babu	AP, Mech	
12	S. Dhandapani	AP, Mech	
13	Mr. Girisankar S	AP, Mech	
14	Mr. M. Ajin	AP, Mech	
15	Mr. D. Marekandan	AP, Mech	
16	Mr. A. Eswaran	AP, Mech	
17	Mo. K. Parthiban	AP, Mech	
18	Mr. A. Chanthil	AP, Mech	




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HOD Aeronautical Department





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DEPARTMENT OF AERONAUTICAL ENGINEERING

Closure Report for Faculty Development Programme on "Principles of Management"

(25/10/2017)

- Faculty Development Programme is conducted by the Department of Aeronautical Engineering in association with Aeronautical society of India, Chennai Branch

Total number of participants – Teaching Faculty members – 18

- The program has started with prayer song and followed by welcome address by the Head of the Department, Dept of Aeronautical Engineering. The speaker has delivered an inspiring keynote speech to the participants before announcing the workshop to commence.
- The speaker started the lecture on the importance of a healthy and interactive classes and the session went on for a while.
- It was very much helpful for the teaching faculty from various department
- The members given feedback at the end of the lecture. They were very happy that confidence level of them is increased.
- After the feedback session, certificates were distributed to all participants The program has been completed with national anthem.

PROGRAM SCHEDULE

10.00 – 10.15 am	:	Registration
10.15– 10.30 am	:	Inaugural Function - Prayer Song, Welcome address by HoD (Aero).
10.30 – 12.30 pm	:	Guest talk and workshop by Mr.Aashish Sartape on "Principles of Management".
12.30 – 1.00 pm	:	Valedictory Function - Feedback collection, Certificate distribution and Vote of thanks.

S. V. Manoj
PRINCIPAL

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[Signature]

HOD AERO DEPARTMENT



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DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY ENHANCEMENT TRAINING PROGRAM: RECENT TRENDS ON TEACHING METHODOLOGY

COURSE CONTENT

- Motivational techniques
- Teaching Strategies to facilitate active learning
- Instructional planning and Evaluation methods
- Outcome based education
- Constructivist Approach
- Professional ethics and Classroom Communication
- e-Learning, Blended learning and Flipped Learning Techniques
- Role of ICT and Use of Technologies in teaching and learning
- Preparing and using animations in teaching
- Traits of an effective teacher
- New Pedagogical approaches in Higher Education
- Issues and Challenges in Higher Education
- Strategies for enhancing enrolment in Higher Education
- Best Practices in learner -centered teaching
- Gender Issues in Higher Education
- Research Opportunities for in Higher Education

Venue: Biomedical Instrumentation Lab (academic block)

Date: 28.12.2017

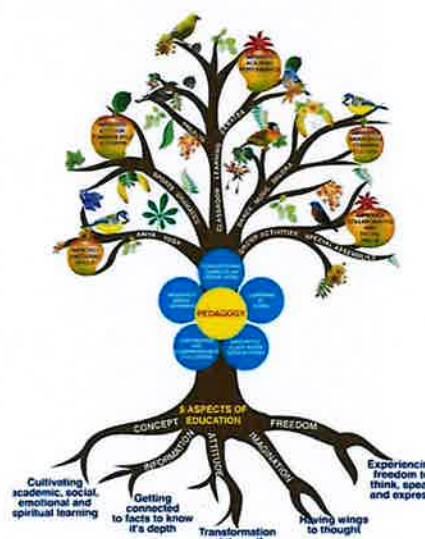
Time : 9:00am- 2:30pm

Guest of the day:

Dr.V.Sampathkumar

Dean Research at Christ College of Engineering, Kerala.

BROADEN THE VISION



DEEPEN THE ROOTS



Dr. V. Sampathkumar

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RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI 602105
DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE: 26.12.2017

SUBMITTED TO THE VICE-CHAIRMAN

DEAR SIR,

SUB: Permission to conduct Faculty enhancement training Programme on Recent Trends in Teaching Methodology-reg.

The Department of Biomedical Engineering is planning to conduct a faculty enhancement training Programme on Recent Trends in Teaching Methodology on 28 December 2017. The objective of the programme is to provide training on Recent Trends in Teaching Methodology. It helps the faculty members to effectively guide students and also for reviewing the work done by research scholars and students.

The maximum number of participants was restricted to 25. No registration fee for participants. Participation certificate to be provided to the participants.

I request your permission to conduct the program in our institution.

Thanking you,


HoD





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Rajalakshmi Engineering College, Chennai

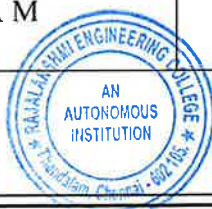
Department of BME

FACULTY ENHANCEMENT TRAINING PROGRAM: RECENT TRENDS ON TEACHING METHODOLOGY

28.12.2017

List of participants

S.No	Name	Designation
1.	Dr.KALPANA R	PROFESSOR
2.	Mr.LAKSHMI NARAYANAN A	ASST PROFESSOR
3.	Mr.MURALIDHARAN C	ASST PROFESSOR
4.	Mr.PARTHA SARATHI V	ASST PROFESSOR
5.	Mr.SRIDHARAN P	ASST PROFESSOR
6.	Mr.THIYAGARAJAN G	ASST PROFESSOR
7.	Ms. NITHYAA AN	ASST PROFESSOR
8.	Ms.ANUSHA S	ASST PROFESSOR
9.	Ms.BOBBI M	ASST PROFESSOR
10.	Ms.DHIVYA S	ASST PROFESSOR
11.	Ms.KUNTHAVAI M N	ASST PROFESSOR
12.	Ms.MANJUSHA M	ASST PROFESSOR
13.	Ms.NEELA M	ASST PROFESSOR



S. N. Kempas

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14.	Ms.PADMASINI N	ASST PROFESSOR
15.	Ms.PON SELVI C	ASST PROFESSOR
16.	Ms.REMYA S	ASST PROFESSOR
17.	Ms.SAI DIVYA R	ASST PROFESSOR
18.	Ms.SHANTHI PRIYA A	ASST PROFESSOR
19.	Ms.SUDHA S	ASST PROFESSOR
20.	Ms.VASANTHARANI R	ASST PROFESSOR
21.	Mr. PREM KUMAR R	ASSOCIATE PROFESSOR

Faculty Coordinator

[Signature]
HoD



S. W. Munglur
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RAJALAKSHMI ENGINEERING COLLEGE
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Rajalakshmi Engineering College, Chennai

Department of BME

28.12.2017

S. N. Sampathkumar
PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
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THANDALAM, CHENNAI - 602 105.

REPORT

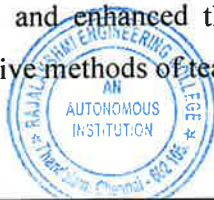
on

FACULTY ENHANCEMENT TRAINING PROGRAM: RECENT TRENDS ON TEACHING METHODOLOGY

Objectives of the program

- to enable the Faculty of Higher Education to learn new teaching techniques
- to empower the faculty with innovative teaching competencies
- skills and attitudes and to sensitize the faculties towards issues and challenges in Higher education.

The event started with a welcome address by Dr.Kalpana, Dean of Department of Biomedical Engineering. She highlighted the aims and objectives of the workshop and expressed confidence that the training sessions at the workshop will help the teachers to examine the teaching strategies in a critical manner and build a foundation for creative and interesting teaching –learning strategies. Totally 25 faculty members of department of biomedical engineering participated in the workshop. The Resource Person for the session was Dr.V.Sampathkumar, Dean Research at Christ College of Engineering, Kerala. The topic of the session was “Dynamics of Teaching”. Prof. Sampathkumar highlighted various aspects of inclusive teaching and the role of teacher as counsellor, communicator, collaborator and as role model. He dealt at length with the pyramid of teaching which highlighted Must, Should and Could of teaching and discussed the qualities of a creative teacher. He also analyzed the problems of teaching and the hierarchical patterns in all areas of education. The event was concluded with a Vote of Thanks from, Mr.P.SRIDHARAN, Assistant professor, department of Biomedical Engineering. The workshop on teaching methodology was an enriching experience and enhanced the understanding of various teaching learning strategies and also innovative methods of teaching.



P. Srividya



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CERTIFICATE OF APPRECIATION

This certificate is presented to:

Mr.P.Sridharan, Assistant Professor

In recognition for a participation in **"Faculty Enhancement Training Program on Recent Trends in Teaching Methodology"** organized by
Department of Biomedical Engineering, Rajalakshmi Engineering

S.N. Hempham

Date: 28.12.2017

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[Signature]

Signature of HOD



**RAJALAKSHMI
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DEPARTMENT OF BIOMEDICAL ENGINEERING

HANDS-ON WORKSHOP ON “USING SPSS”

Objectives of the workshop:

The course shall provide basic of quantitative data management and analysis, a primary research skill. This workshop will help the participants to learn how to enter the data, convert the format of the data (data transformation) and how to get descriptive and inferential statistics using SPSS.



Outcome of Workshop:

This workshop will equip the participants to handle and manage the data and use the techniques within this package. They will be able to understand, interpret, analyse and produce characteristic patterns between different data variables. They will also learn to obtain output in tabular and graphical representations that can be used in a research report.

Who can attend:

Faculty, Research scholars & PG students.

Resource person:

Mr.S.Suresh, MBA, M.Phil, (PhD)

Assistant Professor, Department of MBA,

Rajalakshmi Engineering College, Chennai.



S. S. Suresh

Venue: Biomedical Signal processing Lab (academic block)

Date: 23/05/2018

Time: 9:00 am- 3:00 pm



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RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI 602105
DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE: 22.05.2018

SUBMITTED TO THE VICE-CHAIRMAN

DEAR SIR,

SUB: Permission to conduct Hands-on Workshop on Using SPSS-reg.

The Department of Biomedical Engineering is planning to conduct a faculty enhancement training Hands-on Workshop on Using SPSS on 23 May 2018. The concepts of SPSS when understood with comprehensive practical application can enable one to use SPSS output regularly as a data analysis tool, to effectively summarize research findings, to enter, reorganize and integrate information. It helps the faculty members to effectively guide students and also for reviewing the work done by research scholars and students.

The maximum number of participants was restricted to 25. No registration fee for participants. Participation certificate to be provided to the participants.

I request your permission to conduct the program in our institution.

Thanking you,


HoD




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Rajalakshmi Engineering College, Chennai


Department of BME

S. V. Murugesan
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AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.

HANDS-ON WORKSHOP ON "USING SPSS"

23/05/2018

List of participants



S.No	Name	Designation
1	Dr.KALPANA R	Professor
2	Mr. PREM KUMAR R	Associate Professor
3	Dr.NANDHINI R	Asst Professor
4	Mr.LAKSHMI NARAYANAN A	Asst Professor
5	Mr.MURALIDHARAN C	Asst Professor
6	Mr.PARTHA SARATHI V	Asst Professor
7	Mr.SRIDHARAN P	Asst Professor
8	Ms.VASANTHARANI R	Asst Professor
9	Ms. NITHYAA AN	Asst Professor
10	Ms.ANUSHA S	Asst Professor
11	Ms.BOBMY M	Asst Professor
12	Ms.DHIVYA S	Asst Professor
13	Mrs.A.Nancy	Research Scholar
14	Ms.M.Arulmozhi	Asst Professor

15	Ms.KUNTHAVAI M N	Asst Professor
16	Ms.MANJUSHA M	Asst Professor
17	Ms.NEELA M	Asst Professor
18	Ms.PADMASINI N	Asst Professor
19	Ms.PON SELVI C	Asst Professor
20	Ms.REMYA S	Asst Professor
21	Ms.SAI DIVYA R	Asst Professor

[Handwritten Signature]



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REPORT

on

HANDS-ON WORKSHOP ON "USING SPSS"

23/05/2018

Department of biomedical engineering had organized a one day workshop on SPSS Software for Faculty Members Department of biomedical engineering. The Workshop was organized on 23rd May 2018 from 9:00 AM to 3:00 PM. Mr.S.Suresh of MBA was resource person for the event. The details of the program are as follow.

Name of the Activity : Workshop on SPSS

Date & Time : 23/05/18, 9:00 AM to 3:00 PM

Venue of the Event : Biomedical Signal processing Lab (academic block)

Coordinator: Ms.E.Karuppathal, Assistant Professor

Chief Guest : Mr.S.Suresh, Assistant Professor, MBA

Introduction of guest : Dr. Kalpana, Dean Department of Biomedical Engineering

Vote of thanks : Mrs.S.Sudha, Assistant Professor, Department of Biomedical Engineering

Purpose & Objectives of the Workshop on SPSS

- To provide basic knowledge regarding SPSS software to the Faculty members.
- To provide training on how to perform important statistical calculations using SPSS software.
- To discuss different aspect of SPSS Software in research
- To promote research culture among Faculty.

Points discussed in the Workshop:

- Basics of SPSS Software
- Different aspect of SPSS Software in research
- Use of various functions in SPSS software to perform Data Analysis.
- Faculty doubts regarding the SPSS software were discussed and solved.
- ♣ Number of faculties Presented for the workshop :21

S. L. Karuppathal
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[Signature]



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CERTIFICATE OF APPRECIATION

S. V. Hempham

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PRESENTED TO

Ms Sudha S

For your participation in one day workshop on **"Faculty Hands-on Workshop on Using SPSS"** Organized by Department of Biomedical Engineering, Rajalakshmi Engineering college, Chennai.

23/5/2018



[Signature]
SIGNATURE
OF HOD



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S. V. Hemerson

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RAJALAKSHMI ENGINEERING COLLEGE
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THANDALAM, CHENNAI - 602 105.



PROUDLY PRESENTED TO

Ms Karuppathal E

For your participation in one day workshop on **“Faculty Hands-on Workshop on Using SPSS”** Organized by Department of Biomedical Engineering, Rajalakshmi Engineering college, Chennai.

23/5/2018



[Signature]

SIGNATURE
OF HOD



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Faculty Development Program

Excel Workshop

Organized by

Department of Aeronautical
Engineering

ON:25/08/2018

from:10am to 1pm

venue:Heritage Hall



Arpit Kumar

S. V. Muthu

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AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.





RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
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Permission letter

Date :16.08.2018

Place: Chennai

From

Dr. Yogesh Kumar Sinha
Professor and Head of Department
Department of Aeronautical Engineering
Rajalakshmi engineering college, Thandalam
Chennai – 602105

S.N. Mungu

To

The Principal
Rajalakshmi Engineering College
Thandalam
Chennai – 602105

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.

Dear Sir / Madam

Sub – Requisition to conduct FDP for teaching Staff- “Excel workshop”

We have planned to conduct the One Day Faculty Development Program titled **Excel workshop** for Aeronautical Engineering teaching staff on 25/08/2018. I believe this will be a very informative session and helpful to enhance their knowledge. All the necessary things like the catering service will be arranged separately by us. I hope to hear this event has been approved soon Thank you very much for your time and consideration of my request.

Facility Requirement

1. Heritage Hall for induction program
2. Refreshment for Resource Persons
3. Memento

Permitted
16/8/18

Signature
16/8





Aprit kumar (NT)

I am very good in account and advance excel and ms word i am teaching as per student convenient time and and i am trying to teach each of students basis level to expert level . A am currently working with an exporting company but my hobby is teaching so I am decided to teach students on part time i am working as an accountant with some additional responsibilities for me teaching is like enjoyment and i like to teach each and every student as an parents because I think student are our future.

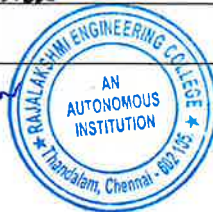
HOD / AERO

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AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



Rajalakshmi Engineering College
Department of Aeronautical Engineering
Seminar on "Excel Workshop"
(25/08/2018)

s.no	Name	Department	Sign
1	Dr. Mathias	Prof. Aero	Mathias
2	Dr. Yogesh Kumar Sinha	Prof. Aero	(Yogesh)
3	Balagum P	AP. Aero	Balagum
4	Dinesh Kumar P. K	AP. Aero	Dinesh
5	ERHUMARAN G	AP. Aero	Erhumaran
6	Mr. Suresh Bagali	AP. Aero	Suresh
7	Jayashree J. R	AP. Aero	Jayashree
8	Arunodhan P	AP. Aero	Arunodhan
9	Balaji R	AP. Aero	Balaji
10	Shehar Ahmad Jy	AP. Aeronautical	Shehar
11	Mr. S. Paveer Selvan	AP. Mech	S. Paveer
12	R. Aruna	AP. Mech	R. Aruna
13	P. Arumugam	AP. Mech	P. Arumugam
14	P. T. DINESH KUMAR	AP. MECH	P.T. Dinesh
15	K. Vigneshwaran	AP. Mech	K. Vignesh
16	S. Kumar	AP. Mech	S. Kumar
17	B. RAJESH KUMAR	AP. Mech	B. Rajesh
18	M. Santhosh Krishna	AP. Mech	M. Santhosh
19	R. Dhana raj	AP. Mech	R. Dhana
20	M. S. NATARAJAN	AP. Mech	M. S. Natarajan



S. D. MURUGAN
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HOD Aeronautical Department



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DEPARTMENT OF AERONAUTICAL ENGINEERING

Closure Report for Faculty Development Programme on "Excel Workshop"

(25/08/2018)

- Faculty Development Programme is conducted by the Department of Aeronautical Engineering in association with Aeronautical society of India, Chennai Branch

Total number of participants – Teaching Faculty members – 20

- The program has started with prayer song and followed by welcome address by the Head of the Department, Dept of Aeronautical Engineering. The speaker has delivered an inspiring keynote speech to the participants before announcing the workshop to commence.
- The speaker started the lecture on the importance of a healthy and interactive classes and the session went on for a while.
- It was very much helpful for the teaching faculty from various department
- The members given feedback at the end of the lecture. They were very happy that confidence level of them is increased.
- After the feedback session, certificates were distributed to all participants The program has been completed with national anthem.

PROGRAM SCHEDULE

10.00 – 10.15 am	:	Registration
10.15 – 10.30 am	:	Inaugural Function - Prayer Song, Welcome address by HoD (Aero).
10.30 – 12.40 pm	:	Guest talk and workshop by Mr.Arpit Kumar on "Excel Workshop"
12.40 – 01.00 pm	:	Valedictory Function - Feedback collection, Certificate distribution and Vote of thanks.

S. S. Ramesh

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



[Signature]

HOD AERO DEPARTMENT

ABOUT THE INSTITUTION

Rajalakshmi Engineering College is an Autonomous institution affiliated to Anna University, Chennai. The College is accredited by NAAC with "A" grade and with all the eligible programmes are accredited by NBA. The college has been growing from strength to strength in the last 20 years and moving ahead to become center of excellence in Engineering, Management Education, Research and development. The college is located in a serene atmosphere amidst many multinational companies in Thandalam, about 25 kms from Chennai on the National highway providing right industrial ambience for the budding engineers. The institution currently offers twelve Under Graduate and ten Post Graduate programmes and six research programs.

ABOUT THE DEPARTMENT

Biomedical Engineering is the application of Engineering concepts and techniques to the field of medicine. It combines the problem solving capabilities of engineers along with the medical expertise of physicians to enhance the quality of life through health care process. The department of Biomedical Engineering was started in the year 2006. It currently offers B.E programme in Biomedical Engineering, M.E programme in Medical Electronics affiliated to Anna University, Chennai. The department is also recognized as research centre of Anna University, Chennai.

Objective of the FDTP

The objective of this programme is to introduce the principles and standard procedures available in the area of Pattern recognition and neural networks to the participants. In the current scenario analysing medical images is useful in the aspect of better diagnosis. The use of artificial intelligence in these areas is possible with pattern recognition and neural network techniques. Participation in the programme will be helpful for the faculties in teaching the subject PATTERN RECOGNITION AND NEURAL NETWORKS (BM 6701) for the seventh semester B.E. Biomedical 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

You can send the scanned copy of duly filled in Registration forms to the Co-ordinator through e-mail hod.bme@rajalakshmi.edu.in on or before 28.05.2018.

SEVEN DAYS FDTP ON PATTERN RECOGNITION AND NEURAL NETWORKS

5TH-12TH JUNE, 2018

REGISTRATION FORM

Co-ordinators

Dr.S.Rajkumar

Dr.M.C.Jobin Christ



Approved by
ANNA UNIVERSITY
Chennai

Organized by



Department of Biomedical Engineering
**RAJALAKSHMI
ENGINEERING COLLEGE
(Autonomous)**
Thandalam
Chennai-602105.
<http://www.rajalakshmi.org>

FDTP on

Pattern recognition and Neural networks (BM 6701)

5TH-12TH JUNE, 2018

REGISTRATION FORM

1. Name : S. V. Manojan
2. Designation : PRINCIPAL
3. Qualification : RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
4. Age and Gender : THANDALAM, CHENNAI - 602 105.
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.
She/he will be permitted for the above FDTP if selected.

Signature of the Principal with Seal

For further details, contact

Dr.S.Rajkumar
Dr.M.C.Jobin Christ
Co-ordinators



FDTP on
Pattern recognition and Neural networks (BM 6701)

Department of Biomedical Engineering
RAJALASKHMI ENGINEERING COLLEGE
Thandalam
Chennai-602105.

Phone: 044-37181140
9842666844,
9381311206

Email: hod.bme@rajalakshmi.edu.in

ORGANISING COMMITTEE

CHIEF PATRON:

Dr.M.K.Surappa
Vice-Chancellor
Anna University, Chennai

PATRON:

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

CHAIR:

Dr.K. Shanthi,
Director,CFD.

Dr.D.Sridharan,
Addl. Director, CFD

CO-CHAIR:

Dr.S.N.Murugesan,
Principal,
Rajalakshmi Engineering College

CO-ORDINATORS:

Dr.S.Rajkumar,
Professor and Head (BME)
Dr.M.C.Jobin Christ
Professor (BME)

VENUE: Seminar Hall

Important Dates:

Last date for Submission
of application : 28.05.2018
Intimation of selection : 31.05.2018
Confirmation by participants : 02.06.2018

12.04.2018

From

Dr.S.Rajkumar,
HOD / Department of Biomedical Engineering,
Rajalakshmi Engineering College,
Thandalam.

To

The Chairperson,
Rajalakshmi Engineering College,
Thandalam.

Respected Madam,

**Sub: Requesting to grant permission to conduct seven days FDTP on PR&NN –
Reg**

In biomedical engineering field, Pattern Recognition & Neural network (PR&NN) is an important subject of interest and which is useful domain for analyzing images and Artificial intelligence in medical field. In the light of the above fact, we are planning to conduct a Seven days **Faculty Development and Training Program (FDTP) on "Pattern recognition & Neural network"** from **05.06.2018 to 12.06.2018** under the FDT programme of CFD, Anna University. Hence, I request you to grant us permission for conducting the Faculty Development Training Programme and also for the budget enclosed with this letter. If you give consent for this FDTP, we will upload the necessary details in the Anna University website.

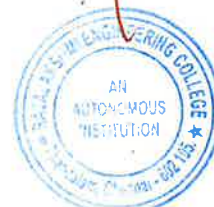
Thanking you,

Yours Truly,

Dr.S.Rajkumar

Encl: Budget for the conduct of FDTP

S.V. Ramyan
PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



If this proposal is approved by CFD/AU, an amount of Rs 25,000/- is to be sanctioned for hosting the program at our campus. Faculty from our College (REC&RIT) and from other nearby colleges will be benefited
12/4/18

Department of Biomedical Engineering

Faculty Development Training Programme on "BM 6701: Pattern Recognition and neural networks"

PROPOSED BUDGET

Amount required conducting FDTP: Rs 25,000.00

Detailed budget

- | | |
|---|--------------|
| 1. Contingencies including printing & posting of brochure | : Rs. 1,000 |
| 2. FDTP kit (File folder, pen, note book) | : Rs 1,000 |
| 3. Lunch Expenses (for External participants) | : Rs. 5,000 |
| 4. Guest speaker travelling expenses | : Rs. 5,000 |
| 5. Guest speaker remuneration | : Rs. 12,000 |
| 6. Banner printing | : Rs. 1,000 |

Total

: Rs 25,000.00



S. V. Murugan

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FDTP Schedule

Subject code: BM6701

Subject: Pattern Recognition and Neural networks

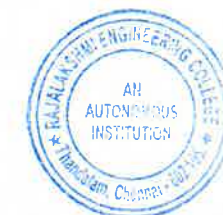
Branch: BME Semester: VII

Period: 05-06-2018 to 12-06-2018

Session/ Date	I session 9.00 a.m – 10.30 a.m	II session 10.45 a.m- 12.15 p.m	III session 1.00 p.m-2.30 p.m	IV session 2.45 p.m-4.30 pm
05-06-18	Inauguration of FDTP	<i>Introduction to neural networks and Pattern recognition,</i> Dr.S.Rajkumar, Professor & Head, Biomedical department, Rajalakshmi Engineering College.	<i>Statistical decision making, Distribution functions in PR</i> Dr.B.Sivakumar Professor, Department of Humanities and Science, Rajalakshmi Engineering College, Chennai.	<i>Choosing a probability function for NN</i> Dr.B.Sivakumar Professor, Department of Humanities and Science, Rajalakshmi Engineering College, Chennai.
06-06-18	<i>Pattern Recognition – Unsupervised Learning, clustering,</i> Dr. Bagyaraj, Professor, Department of Biomedical Engineering, SSN College of Engineering, Chennai.	<i>Data representations, distance measures, Clustering algorithm</i> Dr. Bagyaraj, Professor, Department of Biomedical Engineering, SSN College of Engineering, Chennai.	<i>Partitional Clustering & associated algorithms</i> Dr.R.Kalpana, Dean, Department of Biomedical Engineering Rajalakshmi Engineering College	<i>Partitional Clustering & associated algorithms</i> Dr.R.Kalpana, Dean, Department of Biomedical Engineering Rajalakshmi Engineering College
07-06-18	<i>Supervised Learning-Parametric & Nonparametric approaches</i> Dr.Sapthagirivasan, Capgemini India, Bangalore	<i>Bayesian Classifier, Discriminant Functions</i> Dr.Sapthagirivasan, Capgemini India, Bangalore	<i>Histograms & Kernels, k- nearest neighbor classifier</i> Dr.S.Rajkumar, Professor & Head, Biomedical department, Rajalakshmi Engineering College	<i>Estimators & Estimation of error rates</i> Dr.S.Rajkumar, Professor & Head, Biomedical department, Rajalakshmi Engineering College
08-06-18	<i>Elementary neurophysiology and biological neural network-</i> Dr. V.T. Ramya, Assistant Professor, Rajalakshmi Engineering College	<i>Artificial neural network- Architecture, biases and thresholds</i> Dr. V.T. Ramya, Assistant Professor, Rajalakshmi Engineering College	<i>Neural networks based on Competition- Kohonenself organizing map</i> Mr.V.Pragadeeshwaran R & D Head, Aries Biomed, Coimbatore	<i>Learning Vector Quantisation, Counter propagation networks</i> Mr.V.Pragadeeshwaran R & D Head, Aries Biomed, Coimbatore
09-06-18	<i>Handson Training on Clustering using MATLAB</i> Dr.R.Vijayarajan, Associate Professor, Department of ECE St.Joseph's College of engineering	<i>Handson Training on Clustering using MATLAB</i> Dr.R.Vijayarajan, Associate Professor, Department of ECE St.Joseph's College of Engineering	<i>Hebbian learning, Perceptron</i> Dr.M.C.Jobin Christ , Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	<i>Generalized delta rule</i> Dr.M.C.Jobin Christ , Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.

S.L. Kumaran

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11-06-18	<i>Handson Training on Pattern Recognition using MATLAB</i> Mr.T.K.Senthil Kumar, Assistant Professor, Rajalakshmi Institute of Technology	<i>Handson Training on Pattern Recognition using MATLAB</i> Mr.T.K.Senthil Kumar, Assistant Professor, Rajalakshmi Institute of Technology	<i>Handson Training on Neural Networks using MATLAB</i> Mr.T.K.Senthil Kumar, Assistant Professor, Rajalakshmi Institute of Technology	<i>Handson Training on Neural Networks using MATLAB</i> Mr.T.K.Senthil Kumar, Assistant Professor, Rajalakshmi Institute of Technology
12-06-18	<i>Bidirectional Associative memory- Hopfield Network</i> Dr.M.C.Jobin Christ , Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	<i>Back Propagation Networks</i> Dr.M.C.Jobin Christ , Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	<i>Adaline, Madaline</i> Dr.S.Rajkumar, Professor & Head, Biomedical department, Rajalakshmi Engineering College	Validation & Feed Back

S. L. Humphrey

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S. V. Humpson

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Faculty Development Training Programme

On

PATTERN RECOGNITION AND NEURAL NETWORKS

at

BME Department, Rajalakshmi Engineering College

KEY RESOURCE PERSONS

S.No	Name of the Resource person	Affiliation	Topic covered
1.	Dr. Bagyaraj	Professor, Department of Biomedical Engineering, SSN College of Engineering, Chennai.	Pattern Recognition – Unsupervised Learning, clustering, data representations, distance measures, Clustering algorithm
2.	Dr.R.Vijayarajan	Associate Professor, Department of ECE St.Joseph's College of Engineering	Handson Training on Clustering using MATLAB
3.	Mr.T.K.Senthil Kumar	Assistant Professor, Rajalakshmi Institute of Technology	Handson Training on Pattern Recognition & Neural Networks using MATLAB
4.	Dr.Sabthagirivasan	Capgemini India, Bangalore	Counter Propagation Network, Self Organising Map
5.	Mr.V.Pragadeeshwaran	R & D Head, Aries Biomed, Coimbatore	Bidirectional Associative Memory, Hopfield Network, Learning Vector Quantization
6.	Dr.B.Sivakumar	Professor, Department of Humanities and Science, Rajalakshmi Engineering College, Chennai.	Statistical decision making, Distribution functions, choosing a probability function, Bayes theorem
7.	Dr.R.Kalpana	Dean, Department of Biomedical Engineering,	Non parametric density estimation, histograms, kernels, window estimators

		Rajalakshmi Engineering College, Chennai.	
8.	Dr.S.Rajkumar	Professor & Head, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	k- nearest neighbor classifier, estimation of error rates, Adaline, Madaline
9.	Dr.M.C.Jobin Christ	Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	Hebbian learning, Perceptron, Back Propagation Networks, Generalized delta rule
10.	Dr. V.T. Ramya	Assistant Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.	Elementary neurophysiology and biological neural network- Artificial neural network-Architecture, biases and thresholds



S.V. Hemphill

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Thandalam, Chennai-602105.

Department of Biomedical Engineering

**SEVEN DAYS FDTP
ON
PATTERN RECOGNITION AND NEURAL NETWORKS**

5TH-12TH JUNE, 2018

REGISTRATION FORM

S. L. Kumar
PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



Sl.No	Name	Designation	Institution	Address
1	Ms.S.PANDI PRABHA	Associate Professor	Sri Venkateswara College of Engineering	Chennai-Bengaluru High Road, Pennalur Village, Kancheepuram District, Sriperambudur, Tamil Nadu 602117
2	Dr.C.KARTHIK	Associate Professor	St Joseph's College of Engineering	Jeppiaar Nagar, Old Mamallapuram Road, Kanchipuram District, Chennai - 600119
3	Dr.S.SRIDHAR	Assistant Professor	Jeppiaar Engineering College	Old Mahabalipuram Rd, Semmancheri, Rajiv Gandhi Salai, Jeppiaar Nagar, Chennai, Tamil Nadu 600119
4	Mr.G.S.UTHAYAKUMAR	Associate Professor	St Joseph's College of Engineering	Jeppiaar Nagar, Old Mamallapuram Road, Kanchipuram District, Chennai - 600119
5	Ms.E.KARUPPATHAL	Assistant Professor	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105
6	Ms.P.POORNIMA	Assistant Professor	GKM College of Engineering and Technology	Near Tambaram, G.K.M. Nagar, Perungalathur, Chennai, Tamil Nadu 600063
7	Ms.S.SHOBANA	Associate Professor	Prathyusha Engineering College	Aranvoyaluppam, Poonaamallee-Tiruvallur Road, Tiruvallur, Tamil Nadu 602025
8	Ms.A.SHANTHI PRIYA	Assistant Professor	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105
9	Ms.K.R.PREETHY	Assistant Professor	St Joseph's College of Engineering	Jeppiaar Nagar, Old Mamallapuram Road, Kanchipuram District, Chennai - 600119
10	Ms.D.G.CAROLINE	Assistant Professor	St Joseph's College of Engineering	Jeppiaar Nagar, Old Mamallapuram Road, Kanchipuram District, Chennai - 600119

11	Ms.A.N.NITHYAA	Assistant Professor	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105
12	Mr.R.PREMKUMAR	Associate Professor	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105
13	Ms.M.BOBBOY	Assistant Professor	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105
14	Ms.N.PADMASINI	Assistant Professor(SG)	Rajalakshmi Engineering College	Rajalakshmi nagar, Thandalam, Chennai, 602105



S.V. Murugesan
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FDTP-ATTENDANCE

Subject code: BM6701

Subject: Pattern Recognition and Neural networks

Branch: BME

Semester: VII

Period: 05-06-2018 to 12-06-2018

S.No	Name	Name of the Institution	05.06.18	06.06.18	07.06.18	08.06.18	09.06.18	11.06.18	12.06.18
1.	Dr.P.Vinupritha	SRM IST	+	+	+	+	+	+	+
2.	Dr.D.Kathirvelu	SRM IST	+	+	+	+	+	+	+
3.	Ms.Vennila	REC	+	+	+	+	+	+	+
4.	D.G.Caroline	St.Joseph's college of engineering, Chennai	+	+	+	+	+	+	+
5.	Ms.S.Shobana	Prathyusha engineering college, Chennai	+	+	+	+	+	+	+
6.	Ms.P.Poomima	GKM college of engineering and technology	+	+	+	+	+	+	+
7.	Dr.S.Sridhar	Jeppiaar engineering college	+	+	+	+	+	+	+
8.	P.Ganeshbabu	Adhiyamaan college of engineering	+	+	+	+	+	+	+
9.	Dr.J.Mahil	Udhaya School of engineering, Vellamodi	+	+	+	+	+	+	+
10.	Ms.N.Padmasini	REC	+	+	+	+	+	+	+
11.	Ms.E.Karuppathal	REC	+	+	+	+	+	+	+
12.	Ms.A.Shanthipriya	REC	+	+	+	+	+	+	+
13.	Ms.M.Bobby	REC	+	+	+	+	+	+	+
14.	Ms.D.Keerthana	REC	+	+	+	+	+	+	+

R.V. Prasad
 PRINCIPAL
 RAJALAKSHMI ENGINEERING COLLEGE
 AN AUTONOMOUS INSTITUTION
 TANDANAPALLE, CHIDAMBARAM-602 007



Report on
Faculty Development Training Programme
On
PATTERN RECOGNITION AND NEURAL NETWORKS
at
BME Department, Rajalakshmi Engineering College

Seven days faculty development training programme on “PATTERN RECOGNITION AND NEURAL NETWORKS” was held at the Department of Biomedical Engineering of Rajalakshmi Engineering College, from 5th June to 12th June, 2018. The FDP aims to provide opportunities to faculty members to enrich their teaching skill and research in the field of Neural networks and Pattern recognition. The Programme also intends to develop the knowledge of participants to develop algorithm for analyzing medical images and bio-signals in the relevant field for inculcating learning values in students and guiding and monitoring their progress. Participants of the FDP were given exposure to contemporary research methodology. Further, this FDP has provided them with hands on approach to conduct class, application of MATLAB. The sessions were handled by eminent resource persons from reputed institutions and industries. Totally 14 faculty members from various institutions were participated in this Faculty Development Training Programme and got benefited.

The event was coordinated by Professor and Head of the Department Dr.S.Raj kumar and Professor Dr.M.C.Jobin Christ , Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.



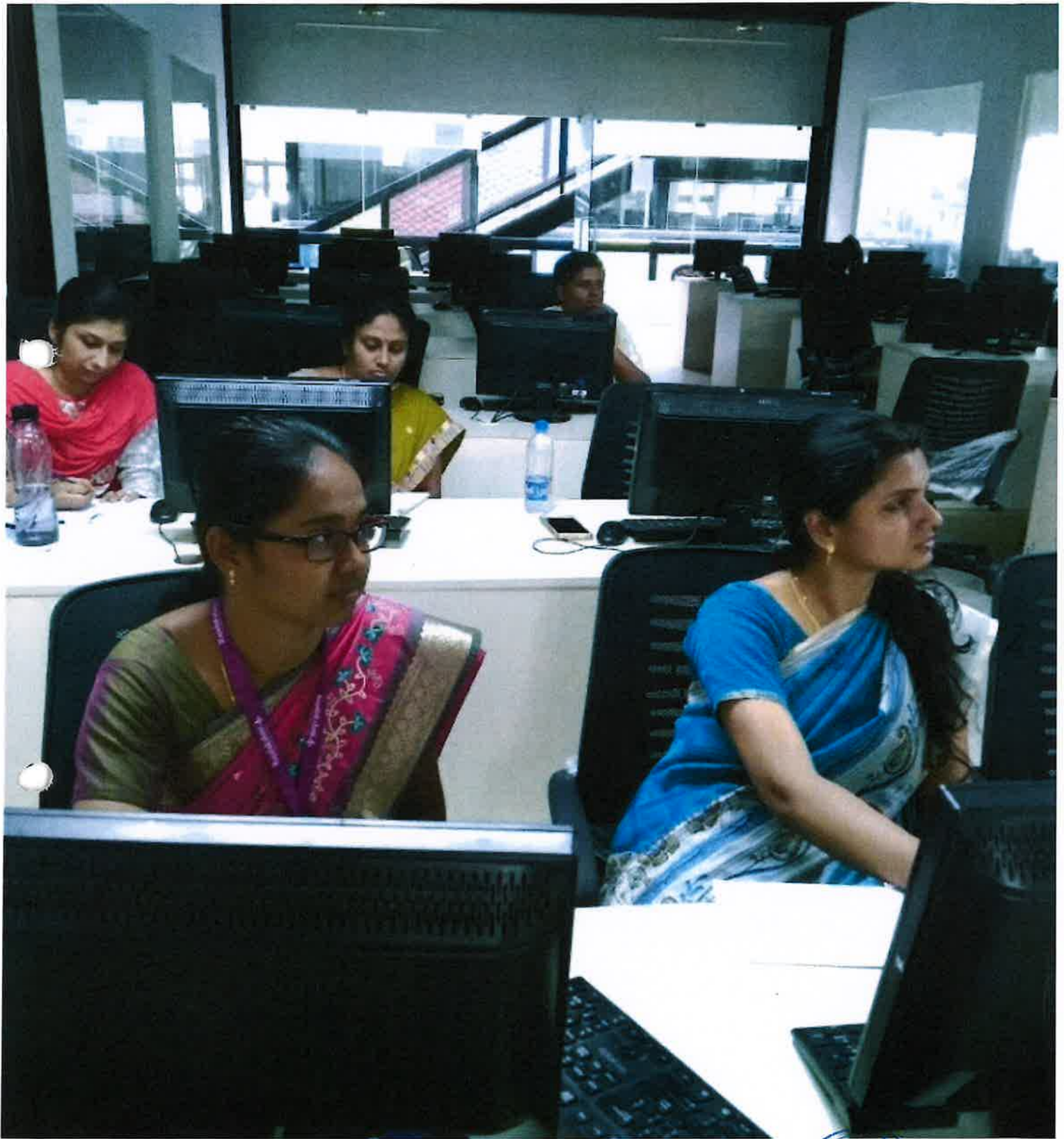

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Signature of the HoD



S. D. Murugesan

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S. D. Murugesu

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CENTRE FOR FACULTY DEVELOPMENT
ANNA UNIVERSITY, CHENNAI-600025.



CERTIFICATE OF PARTICIPATION

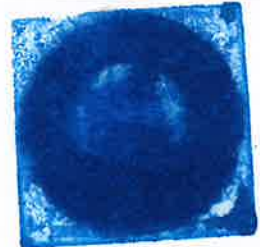
This is to certify that Ms. E. Karuppalathal, A.P., Rajalakshmi Engineering College
Thandalam, Chennai has participated in the Faculty Development Training Programme
on BM 6701 - Pattern Recognition & Neural Networks
at Rajalakshmi Engineering College, Thandalam, Chennai
from 5th to 12th June 2018

Director
Centre for Faculty Development

Registrar
Anna University

S. V. Muneesan

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI - 602 105.





S. N. Mungam

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CENTRE FOR FACULTY DEVELOPMENT

ANNA UNIVERSITY

CHENNAI - 600 025



This is to certify that *Dr. M. Jobin Christ, Professor*
Department of Bio-Medical Engineering
Rajalakshmi Engineering College, Thandalam, Chennai
served as a Co-ordinator
for the Faculty Development Training Programme on
BM 6701 - Pattern Recognition & Neural Networks
from 5th to 12th June 2018

Director
Centre for Faculty Development

Registrar
Anna University



**RAJALAKSHMI
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An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

UNITED NATIONS
**academic
impact**

Sharing
a Culture
of Intellectual
Social
Responsibility



ARIIA

ATAL RANKING OF
INSTITUTIONS ON
INNOVATION
ACHIEVEMENTS

Seminar on **Self-care for educators**

by Deepthi Janga

13th may 2019



FROM: 10.30 AM

TO: 1.30 PM

VENUE: Heritage Hall



[Signature]

Deepthi Janga

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AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

Permission letter

Date :02.05.2019

Place: Chennai

From

Dr. Yogesh Kumar Sinha
Professor and Head of Department
Department of Aeronautical Engineering
Rajalakshmi engineering college, Thandalam
Chennai – 602105

S. Neelgagan

To

The Principal
Rajalakshmi Engineering College
Thandalam
Chennai – 602105

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Dear Sir / Madam

Sub – Requisition to conduct FDP for teaching Staff- “**self-care for educators**”

We have planned to conduct the One Day Faculty Development Program titled **self-care for educators** for Aeronautical Engineering teaching staff on 13/05/2019. I believe this will be a very informative session and helpful to enhance their knowledge. All the necessary things like the catering service will be arranged separately by us. I hope to hear this event has been approved soon Thank you very much for your time and consideration of my request.

Facility Requirement

1. Heritage Hall for induction program
2. Refreshment for Resource Persons
3. Memento

Permitted
[Signature]
2/5/19

[Signature]
Signatures
2/5



Deepthi Janga

I am a teacher leader by passion. I believe students need life skills to live an enriched life. When words start flowing from you, you experience life at a different level. Language is a medium of expressing yourself better and can be learnt by anyone at any point of their life. Learning to become better every single day is my mission. When we can lead to grow together, the world becomes a much better place.

The journey of personal growth becomes interesting with the support of the right mentor. Let me help you get there by leveraging my experience.

HOD / AERO

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Rajalakshmi Engineering College
Department Aeronautical Engineering
Seminar on "Self-Care For Educators"
(13/05/2019)

s.no	Name	Department	Sign
1.	Suresh chandra Khair	Asst. Aer	S Khair
2.	Dr. Yogesh Kumar Singh	Prof. Aero	Y Singh
3.	Surendra. Bagali	AP(S-G) Aer-	Bagali
4.	A. Ravindran B	AP. Aero	A. Ravindran
5.	Chitra Rathi Samund	AP. Aero	Chitra
6.	Dinesh Kumar P. I	AP. Aero	Dinesh
7.	Balaji R	AP, Aero	Balaji
8.	Jayashree J. R	AP. Aer	Jayashree
9.	Shabar Abhinav J.	AP. Aer	Shabar
10.	Ezhilmaran G	AP. AERO	Ezhilmaran
11.	Chiranjeevi S	AP. Aero	Chiranjeevi
12.	Mr. M. Ajin	AP. Mech	M. Ajin
13.	M. Santhosh Kumar	AP. Mech	M. Santhosh
14.	P. Anurag	AP. Mech	P. Anurag
15.	B. RAJESH KUMAR	AP. Mech	B. Rajesh
16.	R. Dhana raj	AP. Mech	R. Dhana raj
17.	M. S. NATARAJAN	AP. MECH	M. S. Natarajan
18.	Dr. P. Chithambaramanathan	Prof.	P. Chithambaramanathan
19.	K. Vigneshwaran	AP. Mech	K. Vigneshwaran
20.	ABRAHAM JOSPHER	AP. MECH	Abraham Jospher

S. V. Kumar

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.

HOD Aeronautical Engineering





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DEPARTMENT OF AERONAUTICAL ENGINEERING

Closure Report for Faculty Development Programme on "Self-care for educators"

(13/05/2019)

- Faculty Development Programme is conducted by the Department of Aeronautical Engineering in association with Aeronautical society of India, Chennai Branch

Total number of participants – Teaching Faculty members – 20

- The program has started with prayer song and followed by welcome address by the Head of the Department, Dept of Aeronautical Engineering. The speaker has delivered an inspiring keynote speech to the participants before announcing the workshop to commence.
- The speaker started the lecture on the importance of a healthy and interactive classes and the session went on for a while.
- It was very much helpful for the teaching faculty from various department
- The members given feedback at the end of the lecture. They were very happy that confidence level of them is increased.
- After the feedback session, certificates were distributed to all participants The program has been completed with national anthem.

PROGRAM SCHEDULE

10.30 – 10.45 am	:	Registration
10.45 – 11.00 am	:	Inaugural Function - Prayer Song, Welcome address by HoD (Aero).
11.00 – 01.00 pm	:	Guest talk and workshop by Ms. Deepthi Janga on "Self-Care for educators"
01.00 – 01.30 pm	:	Valedictory Function - Feedback collection, Certificate distribution and Vote of thanks.

S. P. Sengupta

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THANDALAM, CHENNAI - 602 105.



[Signature]

HOD AERO DEPARTMENT



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DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY UPSKILLING PROGRAM:

HANDS ON TRAINING IN LabVIEW

In association with

ARIES BIOMED
TECHNOLOGY



About the FDP:

The workshop is formulated to enhance the knowledge and skill of the participants in using LabVIEW for implementing real time projects in the field of signal and image processing.

Objectives of Workshop:

- To make the participants familiarize with LabVIEW through hands on experience.
- To enable the participants take up real time projects in the field of signal and image processing using LabVIEW.

Major Course Contents:

- Graphical System Design using in engineering education.
- Introduction to LabVIEW.
- Data acquisition and Signal conditioning.
- Hands-on sessions on Digital Signal Processing using LabVIEW.
- Hands-on sessions on Digital Image Processing using LabVIEW.
- Hands-on sessions on System design using LabVIEW.
- Research applications using LabVIEW

Resource person:

Mr. Pragadheeswaran Venkat,

CEO – Aries Biomed Technology, Coimbatore



Date: 25/05/2020

Time : 9:00am- 3:00pm



Google Meet

To join the video meeting, click this link: <https://meet.google.com/iwj-dtvr-ywe>

Otherwise, to join by phone, dial +1 347-566-5487 and enter this PIN: 495 869 204#

S. V. Murugesan

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RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI 602105
DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE: 24.05.2020

SUBMITTED TO THE VICE-CHAIRMAN

DEAR SIR,

SUB: Permission to conduct FDP on Introduction to LabVIEW -reg.


The Department of Biomedical Engineering is planning to conduct a faculty enhancement training Programme on "Introduction to LabVIEW" on 25 May 2020. The objective of the programme is to provide training on LabVIEW software platform for biomedical instrumentation, bio-signal and image processing applications. It helps the faculty members to effectively guide students and also for reviewing the work done by research scholars and students.

The maximum number of participants was restricted to 25. No registration fee for participants. Participation certificate and snacks are to be provided to the participants.

I request your permission to conduct the program in our institution.

Thanking you,


HOD


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THANDALAM, CHENNAI - 602 105.



Rajalakshmi Engineering College, Chennai

Department of BME

FACULTY UPSKILLING PROGRAM:

HANDS ON TRAINING IN LabVIEW

25/05/2020

List of participants

S.No	Name	Designation
1	Dr.SURESH ANAND BS	ASSOCIATE PROFESSOR
2	Mr.MURALIDHARAN C	ASSOCIATE PROFESSOR
3	Mr.PREM KUMAR R	ASSOCIATE PROFESSOR
4	Mrs.SUDHA S	ASSOCIATE PROFESSOR
5	Ms.PADMASINI N	ASSOCIATE PROFESSOR
6	Dr.ASHWIN KUMAR N	ASST PROFESSOR
7	Dr.NANDHINI R	ASST PROFESSOR
8	Dr.RAMYA VARATHARAJAN T	ASST PROFESSOR
9	Mr.SRIDHARAN P	ASST PROFESSOR
10	Mrs.ANUSHA S	ASST PROFESSOR
11	Mrs.JEMINA ASNOTH SYLVIA PJ	ASST PROFESSOR
12	Mrs.NITHYAA AN	ASST PROFESSOR
13	Ms.BOBBOY M	ASST PROFESSOR
14	Ms.DHIVYA S	ASST PROFESSOR
15	Ms.KARUPPATHAL E	ASST PROFESSOR
16	Ms.NEELA M	ASST PROFESSOR
17	Ms.PON SELVI C	ASST PROFESSOR
18	Ms.REMYA S	ASST PROFESSOR
19	Ms.SAI DIVYA R	ASST PROFESSOR
20	Ms.SHANTHI PRIYA A	ASST PROFESSOR

S. N. Magesh
PRINCIPAL

RAJALAKSHMI ENGINEERING COLLEGE
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THANDAI AM, CHENNAI - 602 105



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Rajalakshmi Engineering College, Chennai

Department of BME

REPORT

on

FACULTY UPSKILLING PROGRAM:

HANDS ON TRAINING IN LabVIEW

Date: 25/05/2020

Department of Biomedical Engineering, Rajalakshmi Engineering College, organized a faculty upskilling program on 'NI LabVIEW in Association with Aries biomed (Coimbatore) on 25/05/2021. In this event, many faculty members have participated. Mr. N.Viswanath, Sr.Application Engineer, Techlabs, Hyderabad, Mr. Pragadheeswaran Venkat, CEO – Aries Biomed Technology, Coimbatore was the resource person. The inaugural function of the event started with a welcome address by Dr. R.Kalpana,

Prof & dean -BME followed by the Guest introduction by Mr.R.Premkumar, Associate Professor of BME. HOD presented the theme of the program and said that Signal and image processing plays an important role in various applications like diagnosis of cancer etc. And Guest continued the session with all the objectives.

The FDP came to an end with valedictory function where HOD, who has appreciated Academic Staff College and Dept.BME, for organizing this kind of FDPs in latest technologies and also added that learning new technologies is live direct participation in nation building. FDP came to an end with a vote of thanks proposed by Ms.E.Karuppathal Coordinator, FDP.

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in research activity.




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A handwritten signature in blue ink, likely belonging to the Principal, S. N. Murugesan.



CERTIFICATE OF APPRECIATION



**RAJALAKSHMI
ENGINEERING COLLEGE**
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

This certificate is presented to:

Ms Sai Divya R

S.N. Neelgagan

PRINCIPAL

RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



For your participation in one day workshop on "Introduction to LabVIEW"
Organized by Department of Biomedical Engineering, Rajalakshmi Engineering
college, Chennai.

May 25 2020

[Signature]

HOD





CERTIFICATE OF APPRECIATION



**RAJALAKSHMI
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This certificate is presented to:

Ms Karuppathal E



S.N. Hemphill
PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.

For your participation in one day workshop on “Introduction to LabVIEW”
Organized by Department of Biomedical Engineering, Rajalakshmi Engineering
college, Chennai.

May 25 2020

HOD



Expert Training Series

Training on Microbial biofilms and its clinical relevance

Organized by the Department of BioTechnology in association with Journal Club BT REC and Institution's Innovation Council, REC



Presenter
Dr.P.Saravanan

Assistant Professor
Department of BioTechnology
Rajalakshmi Engineering College
Chennai

DATE: 03.12.2019

TIME: 9.00 AM

S. V. Thompson

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THANDALAM, CHENNAI - 602 105.





HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Requisition for conducting training program for faculty in BioTechnology Department-Regd:-

2 messages

HOD Biotechnology <hod.bt @rajalakshmi.edu.in>

Thu, Nov 07, 2019 at 8:58 AM

To: Principal REC <principal@rajalakshmi.edu.in>

Dear Sir,

We have planned to conduct a training program (Teaching faculty) under the title of microbial biofilms and its clinical relevance on 03.12.2019. Here, I have attached the training program brochure for your reference sir. So, I request you sir to give permission to conduct a training program on the above date.

Thanks& Regards

Dr.R.Jayasree, PhD,
Professor,HOD,
Department of BioTechnology,
REC, Chennai.



Faculty Training program-Brochure.pdf

230 K

Principal REC <principal@rajalakshmi.edu.in>

Thu, Nov 07, 2019 at 05:00 PM

To: HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Dear Madam,

I have gone through the training programme details. I do believe that this programme will certainly be of benefit to the faculty of biotechnology department. Thereby i approve the conduct of the training programme as per the schedule suggested.

Thanks & Regards,

Dr.S.N.Murugesan
Principal
Rajalakshmi Engineering College
[Quoted text hidden]

A handwritten signature in green ink, reading "S.N. Murugesan".

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RAJALAKSHMI ENGINEERING COLLEGE

AUTONOMOUS

DEPARTMENT OF BIOTECHNOLOGY

Cordially invites you for a training on

Microbial biofilms and its clinical relevance

By

Dr.P.Saravanan

Venue: Bio film Laboratory

Date: 03.12.2019

Time: 09.00 am

About the Speaker

Dr.P.Saravanan is working as a Assistant professor in the department of BioTechnology at REC, Chennai. He did M.Sc.(Zoology) at Ayya Nadar Janaki Ammal College, Sivakasi. He completed Ph.D. (Biotechnology), Pondicherry University, Pondicherry, India (Thesis awarded entitled "Ecological and Molecular Studies on Bacteria Isolated from the Condenser Discharge Site of a Coastal Electric Power Plant" 2006). He did a Post-doctoral visiting Fellow, Sponsored by National Institute of Dental and Craniofacial Research, National Institutes of Health, 2007- 2009. He did a Post-doctoral Visiting Fellow, sponsored by National Institute of Allergy and Infectious Diseases, National Institutes of Health, 2010- 2011. He was a Research Fellow, Sponsored by, Singapore Centre on Life Sciences Engineering, Nanyang Technological University, 2012-2015

S. N. Saravanan

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Coordinator:

Dr.A.Saravanan



CERTIFICATE OF PARTICIPATION

This is to certify that Dr.P.Rajasekar of Rajalakshmi Engineering College attended a Training on "Microbial Biofilms and its Clinical Relevance" on 03.12.2019, hosted by Rajalakshmi Engineering College, Chennai.



Mr.S.Arun Kumar
Organizer



Dr.R.Jayasree
Professor & HOD



INSTITUTION'S
INNOVATION
COUNCIL
Affiliated to ANNA UNIVERSITY



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S. N. Hemphong

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Rajalakshmi Engineering College
(Autonomous)

Department of BioTechnology

Training on “Microbial biofilms and its clinical relevance”

Date: 03.12.2019

Summary of the training program-Report







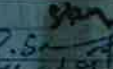















- Program was inaugurated with prayer song at 09.00 am on 03.12.2019. In the Inaugural address Head of the Department of BioTechnology, Dr. R. Jayasree welcomed and introduced the chief guest Dr.P.Saravanan, Assistant professor, Department of BioTechnology, REC, Chennai. Also, HOD spoke few words about the training program.
- In the training program by the chief guest Dr.P.Saravanan explained the necessity of microbial films.
- After the tea break, Dr.P.Saravanan deliberated the microbial biofilms and its clinical relevance
- In the session 3, as per the training of Dr.P.Saravanan, teaching faculty did the practise session of microbial films formation.
- At 12.15 pm Assistant professor Mr. S. Arunkumar felicitated chief guest Dr.P.Saravanan with a memento as token of appreciation and concluded the training program with vote of thanks followed by nation anthem.
- Feedbacks were collected from the teaching faculty and the speaker about the training program

S.V. Sampson

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THANDALAM, CHENNAI - 602 105.



Rajalakshmi Engineering College
(Autonomous)
Department of BioTechnology
Training on "Microbial biofilms and its clinical relevance"
Date: 03.12.2019

S.No	Name of the faculty	Signature
1.	Dr. Johanna Rajkumar	
2.	Dr. T.R. Sundaraman	
3.	Dr. B. Vijaya Geetha	
4.	Dr. K. Sathya	
5.	Dr. S. Thiruvengadam	
6.	Dr. P. Rajasekar	
7.	Dr. D. Sridhar	
8.	Dr. V. Gayathri	
9.	Dr. T. Anitha	
10.	Dr. D. Haripriya	
11.	Dr. M. Sankar	
12.	Mr. T. Babu	
13.	Dr. Rekha Ravindran	
14.	Dr. Sujata Roy	
15.	Dr. P. Saravanan	
16.	Dr. T. A. Selvakumar	
17.	Dr. M. Millicent Mabel	
18.	Mrs. R. V. Hemavathy	
19.	Dr. R. Anila	
20.	Mrs. G. Carlin Geor Malar	
21.	Mrs. K. S. Shreeridhi	
22.	Dr. A. Saravanan	

S. N. Mungai

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RAJALAKSHMI ENGINEERING COLLEGE

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Faculty development program on **How to Connect to Students and Understand Their Emotions**

By Haran R P

Organized by
**Department of Aeronautical
Engineering**

On:26/04/2021

From:2pm to 4 pm

Venue:Heritage Hall




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Permission letter

Date :15.04.2021

Place: Chennai

From

Dr. Yogesh Kumar Sinha
Professor and Head of Department
Department of Aeronautical Engineering
Rajalakshmi engineering college, Thandalam
Chennai – 602105

To

The Principal
Rajalakshmi Engineering College
Thandalam
Chennai – 602105

S. K. Murugesan

**PRINCIPAL
KAJALAKSHMI ENGINEERING COLLEGE
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THANDALAM, CHENNAI - 602 105.**



Dear Sir / Madam

Sub – Requisition to conduct FDP for teaching Staff- **“How to connect with students and understand their emotions”**

We have planned to conduct the One Day Faculty Development Program titled **How to connect with students and understand their emotions** for Aeronautical Engineering teaching staff on 26/04/2021. I believe this will be a very informative session and helpful to enhance their knowledge. All the necessary things like the catering service will be arranged separately by us. I hope to hear this event has been approved soon Thank you very much for your time and consideration of my request.

Facility Requirement

1. Heritage Hall for induction program
2. Refreshment for Resource Persons
3. Memento

Permitted
[Signature]
15/4/21

[Signature]
Signature
15/4/21



Haran R P

He is a Counselling Psychologist.

Currently, He is working as a Psychology Lecturer in a PU College and handling classes for I PU and II PU. He is also doing private tutoring for PU, CBSE, ICSE, NOS, UG, PG, and research students for the past 2 years. He has completed several Ed-courses to make online education livelier. He involves LMS, Periodical quizzes, and Asynchronous learning in tutoring.

HOD/ Aero Department

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Rajalakshmi Engineering College
Department Aeronautical Engineering
Seminar on "How to Connect with Students And
Understand Their Emotions"
(26/04/2021)

s.no	Name	Department	Sign
1	Dr. Mathiasy. N	Prof, Aero	N. Mathiasy
2	Dr. Yogesh Kumar Sinha	Prof, Aero	Yogesh
3	Suresh Chandra Khanna	ASP, Aero	S. Chandra
4	Balaji. K.	AP, AER.	Balaji
5	Jayashree J.R	AP, Aero	Jayashree
6	Rahul B	AP, AERO	Rahul
7	DINESH KUMAR P. K	AP, AERO	Dinesh
8	Shehaz Ahmad. JP	AP, AERO	Shehaz
9	Dharani J	AP, AERO	Dharani
10	Sivaram. A	AP, MECH	Sivaram
11	Dr. S. Sekar	Prof	S. Sekar
12	GT. Mathias	AP, Mech	GT. Mathias
13	R. Shanthi	Prof	R. Shanthi
14	S. Hari ram	AP (SS)	S. Hari ram
15	S. Dhendapani	AP, Mech	S. Dhendapani
16	D. Antony	AP, Mech	D. Antony
17	M. Chenthan	AP, Mech	M. Chenthan
18	Sankar S.	AP	Sankar
19	M. Rajkumar	AP, Mech	M. Rajkumar
20	D. Joel	AP, Mech	D. Joel



S. N. Mathiasy

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THANDALAM, CHENNAI - 602 105.

HOD Aeronautical Engineering



DEPARTMENT OF AERONAUTICAL ENGINEERING

Closure Report for Faculty Development Programme on "How to connect to students and understand their emotions"

(26/04/2021)

- Faculty Development Programme is conducted by the Department of Aeronautical Engineering in association with Aeronautical society of India, Chennai Branch

Total number of participants – Teaching Faculty members – 20

- The program has started with prayer song and followed by welcome address by the Head of the Department, Dept of Aeronautical Engineering. The speaker has delivered an inspiring keynote speech to the participants before announcing the workshop to commence.
- The speaker started the lecture on the importance of a healthy and interactive classes and the session went on for a while.
- It was very much helpful for the teaching faculty from various department
- The members given feedback at the end of the lecture. They were very happy that confidence level of them is increased.
- After the feedback session, certificates were distributed to all participants The program has been completed with national anthem.

PROGRAM SCHEDULE

02.00pm – 02.15 pm	:	Registration
02.15pm – 02.30 pm	:	Inaugural Function - Prayer Song, Welcome address by HoD (Aero).
02.30 – 03.40 pm	:	Guest talk and workshop by Mr.Haran R P on "How to connect to students and understand their emotions"
03.40 – 04.00 pm	:	Valedictory Function - Feedback collection, Certificate distribution and Vote of thanks.



[Signature]

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[Signature]

HOD AERO DEPARTMENT

Expert Training Series

Training on MATLAB Application in BioTechnology

Organized by the Department of BioTechnology in association with Journal Club BT REC and Institution's Innovation Council, REC



Presenter
Dr. Seelam Narasimha Reddy, PhD

Assistant Professor
Department of Chemical Engineering
Rajalakshmi Engineering College
Chennai



11 Feb 2021



01.00 PM

S. N. Narasimha Reddy

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THANDALAM, CHENNAI - 602 105.





HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Requisition for conducting training program for faculty in BioTechnology Department-Regd:-

2 messages

HOD Biotechnology <hod.bt @rajalakshmi.edu.in>

Thu, Jan 21, 2021 at 10:38 AM

To: Principal REC <principal@rajalakshmi.edu.in>

Dear Sir,

We have planned to conduct a training program (Teaching faculty) under the title of MATLAB application in BioTechnology on 11th Feb 2021. Here, I have attached the training program brochure for your reference sir. So, I request you sir to give permission to conduct a training on the above date.

Thanks& Regards

Dr.R.Jayasree, PhD,
Professor,HOD,
Department of BioTechnology,
REC, Chennai.



Faculty Training program-Brochure.pdf

228K

Principal REC <principal@rajalakshmi.edu.in>

Thu, Jan 21, 2021 at 3:00 PM

To: HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Dear Madam,

I have gone through the training programme details. I do believe that this training will certainly be of benefit to the faculty of biotechnology department. Thereby i approve the conduct of the training programme as per the schedule suggested (11th Feb 2021).

Thanks & Regards,

A handwritten signature in green ink, reading "S.N. Murugesan".

Dr.S.N.Murugesan
Principal
Rajalakshmi Engineering College
[Quoted text hidden]

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



6/24/22, 7:54 PM

Rajalakshmi Engineering College Mail - Fwd: Training on MATLAB Application in BioTechnology - Reg



Arunkumar S <arunkumar.s@rajalakshmi.edu.in>

Fwd: Training on MATLAB Application in BioTechnology Invite- Reg -

2 messages

HOD Biotechnology <hod.bt@rajalakshmi.edu.in>
To: Staff_BT <staff_bt@rajalakshmi.edu.in>

Tue, Feb 09, 2021 at 3:57 PM

----- Forwarded message -----

From: HOD Biotechnology <hod.bt@rajalakshmi.edu.in>
Date: Tue, Feb 09, 2021 at 3:21 PM
Subject: Training on MATLAB Application in BioTechnology Invite - Reg
To: "Dr. Mrs. Thangam Meganathan" <chairperson@rajalakshmi.edu.in>, Abhay Shankar M <abhayshankar.m@rajalakshmi.edu.in>, Muthukrishnan CR <advisor@rajalakshmi.edu.in>, Principal REC <principal@rajalakshmi.edu.in>, Philip Praveen I <philippaveen.i@rajalakshmi.edu.in>, Balaji R <balaji.r@rajalakshmi.edu.in>, Thamizhselvan T <thamizhselvan.t@rajalakshmi.edu.in>, Manager Media & Public Relations <manager.pr@rajalakshmi.edu.in>, Manager - IT REC <manager.it@rajalakshmi.edu.in>, HODs <rec.hods@rajalakshmi.edu.in>

Dear Sir/Madam

The Journal Club of Department of Biotechnology is organizing a training on optimization of conditions for food fermentation process in association with Institution's Innovation Council on 11 th Feb, 2021. Kindly find attached, the invitation for the same. We request your gracious presence to make this programme a great success.

With Regards and Gratitude

S. V. Sampath

Dr.R.Jayasree
Professor & Head
Department of Biotechnology
Rajalakshmi Engineering College

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AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105



Dr.R.Jayasree
Professor & Head
Department of Biotechnology
Rajalakshmi Engineering College

Training on MATLAB application in BioTechnology Invite1.pdf
412K

Tue, Feb 09, 2021 at 4:50

HOD Biotechnology <hod.bt@rajalakshmi.edu.in>
PM To: Staff_BT <staff_bt@rajalakshmi.edu.in>

Dear Staff

The Journal Club of Department of Biotechnology is organizing a training program on MATLAB application in BioTechnology in association with Institution's Innovation Council on 11th Feb, 2021. Kindly find attached, the invitation for the same. We request you to kindly support the programme by attending the workshop and also interacting with resource people to discern ways of converting our research work into publications with high impact factor.

With Regards and Gratitude

[Quoted text hidden]



RAJALAKSHMI ENGINEERING COLLEGE

AUTONOMOUS

DEPARTMENT OF BIOTECHNOLOGY

**Cordially invites you for a training on
MATLAB Application in BioTechnology**

By

Dr.Seelam Narasimha Reddy

Venue: Bioinformatics Laboratory

Date: 11.02.2021

Time: 01.00 pm

About the Speaker

Dr.Seelam Narasimha Reddy is working as Assistant professor in the department of Chemical Engineering at REC. He pursued his PhD (Chemical Engineering) at IIT Madras.. He did M.Tech (Refining & Petrol Engineering) at UPES, Dehradun. He had two years of teaching experience at NIT Warangal and also, another 2 years of teaching experience in NIT Andhra Pradesh. He was acting multirole such as exam cell incharge, course coordinator, faculty advisor, time table coordinator and in charge of discipline Committee. He has published more number of research articles in peer reviewed National and International Journals. He attended conference and seminars in the area of Biochemical process and MATLAB application.

S. V. Narasimha Reddy

Coordinator:

Dr.A.Saravanan

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THANDALAM, CHENNAI - 602 105.



CERTIFICATE OF PARTICIPATION

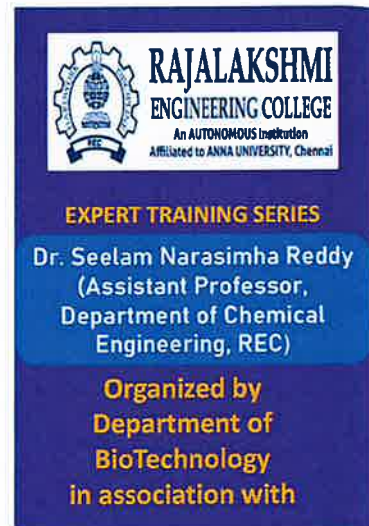
This is to certify that Dr. T.A.Selvakumar of Rajalakshmi Engineering College attended a Training on **"MATLAB Application in BioTechnology"** on 11th Feb 2021, hosted by Rajalakshmi Engineering College, Chennai.



Mr.S.Arun Kumar
Organizer



Dr.R.Jayasree
Professor & HOD



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S. V. Murugesan

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Rajalakshmi Engineering College

(Autonomous)

Department of BioTechnology

Training on "MATLAB Application in BioTechnology"

Date: 11.02.2021

Summary of the training program-Report

- Program was inaugurated with prayer song at 01.00 am on 11.02.2021.
- In the Inaugural address Head of the Department of BioTechnology, Dr. R. Jayasree welcomed and introduced the chief guest Dr.Seelam Narasimha Reddy, Assistant professor, Department of Chemical Engineering, REC, Chennai. Also, HOD spoke few words about the training program.
- In the training program by the chief guest Dr.Seelam Narasimha Reddy explained the necessity of MATLAB tool in Engineering field.
- After tea break , Ms. Dr.Seelam Narasimha Reddy deliberated the application of MATLAB tool in BioTechnology.
- In the session 3, as per the training of Dr.Seelam Narasimha Reddy, teaching faculty did the practise session of MATLAB.
- At 3.45 pm Assistant professor Mr. S. Arunkumar felicitated chief guest Dr.Seelam Narasimha Reddy with a memento as token of appreciation and concluded the training program with vote of thanks followed by nation anthem.
- Feedbacks were collected from the teaching faculty and the speaker about the training program

S. N. Arunkumar

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Rajalakshmi Engineering College
(Autonomous)
Department of BioTechnology
Training on "MATLAB Application in BioTechnology"
Date: 11.02.2021

S.No	Name of the faculty	Signature
1.	Dr. Johanna Rajkumar	<i>Johanna R.</i>
2.	Dr. T.R. Sundararaman	<i>T.R. Sundararaman</i>
3.	Dr. B. Vijaya Geetha	<i>B. Vijaya Geetha</i>
4.	Dr. K. Sathya	<i>K. Sathya</i>
5.	Dr. S. Thiruvengadam	<i>S. Thiruvengadam</i>
6.	Dr. P. Rajasekar	<i>P. Rajasekar</i>
7.	Dr. D. Sridhar	<i>D. Sridhar</i>
8.	Dr. V. Gayathri	<i>V. Gayathri</i>
9.	Dr. T. Anitha	<i>T. Anitha</i>
10.	Dr. D. Haripriya	<i>D. Haripriya</i>
11.	Dr. M. Sankar	<i>M. Sankar</i>
12.	Mr. T. Babu	<i>T. Babu</i>
13.	Dr. Rekha Ravindran	<i>Rekha Ravindran</i>
14.	Dr. Sujata Roy	<i>Sujata Roy</i>
15.	Dr. P. Saravanan	<i>P. Saravanan</i>
16.	Dr. T. A. Selvakumar	<i>T. A. Selvakumar</i>
17.	Dr. M. Millicent Mabel	<i>M. Millicent Mabel</i>
18.	Dr. R. V. Hemavathy	<i>R. V. Hemavathy</i>
19.	Dr. R. Anila	<i>R. Anila</i>
20.	Dr. G. Carlin Geor Malar	<i>G. Carlin Geor Malar</i>
21.	Ms. K. S. Shreenidhi	<i>K. S. Shreenidhi</i>
22.	Dr. A. Saravanan	<i>A. Saravanan</i>
23.	Ms. S. Hemamalini	<i>S. Hemamalini</i>
24.	Ms. J. Ambiga Devi	<i>J. Ambiga Devi</i>

S. V. Murugan

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Expert Training Series

Training on NCBI Gene Sequencing Analysis

Organized by the Department of BioTechnology in association with Journal Club BT REC and Institution's Innovation Council, REC



Presenter
Ms. Femina Carlin

Senior Research Fellow
Department of BioTechnology
SSN Engineering College, Chennai

DATE: 05.02.2021

TIME: 01.00 PM

S. M. Hempan

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HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Requisition for conducting training program for faculty in BioTechnology Department-Regd:-

2 messages

HOD Biotechnology <hod.bt @rajalakshmi.edu.in>

Wed, Jan 27, 2021 at 8:59 AM

To: Principal REC <principal@rajalakshmi.edu.in>

Dear Sir,

We have planned to conduct a training program (Teaching faculty) under the title of NCBI Gene Sequencing Analysis on 05.02.2021. Here, I have attached the training program brochure for your reference sir. So, I request you sir to give permission to conduct a training program on the above date.

Thanks& Regards

Dr.R.Jayasree, PhD,
Professor,HOD,
Department of BioTechnology,
REC, Chennai.

**Faculty Training program-Brochure.pdf**

210 K

Principal REC <principal@rajalakshmi.edu.in>

Wed, Jan 27, 2021 at 05:20 PM

To: HOD Biotechnology <hod.bt@rajalakshmi.edu.in>

Dear Madam,

I have gone through the training programme details. I do believe that this programme will certainly be of benefit to the faculty of biotechnology department. Thereby i approve the conduct of the training programme as per the schedule suggested.

Thanks & Regards,

Dr.S.N.Murugesan
Principal
Rajalakshmi Engineering College
[Quoted text hidden]

A handwritten signature in green ink, reading "S.N. Murugesan".

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RAJALAKSHMI ENGINEERING COLLEGE

AUTONOMOUS

DEPARTMENT OF BIOTECHNOLOGY

Cordially invites you for a training on

NCBI Gene Sequencing Analysis

By

Ms. Femina Carlin

Venue: B320 Hall

Date: 05.02.2021

Time: 01.00 pm

About the Speaker

Ms. Femina Carlin is working as SRF in the Department of BioTechnology at SSN Engineering College, Chennai. She completed B.Tech (BioTechnology) in the year of 2014 at Vel Tech High Tech Engineering College/ Anna University. She completed M.Tech and PhD (Environmental Science and Technology) in the year of 2016 & 2021 respectively at SSN Engineering College. She attended conference, workshop and training in various fields such as Design of Components, Simulation and Analysis of Composites, Bio Medical Components, analytical Techniques and design experts. She has published more number of SCI and SCIE journals with high impact factor. She published more number of book chapters in the reputed journals.

S. V. Manjuna

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THANDALAM, CHENNAI - 602 105.



Coordinator:

Dr.A.Saravanan

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. R. Anila of Rajalakshmi Engineering College attended a **Training on "NCBI Gene Sequencing Analysis"** on 05.02.2021, hosted by Rajalakshmi Engineering College, Chennai.



Mr.S.Arun Kumar
Organizer



Dr.R.Jayasree
Professor & HOD



S. V. Murugesan

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S. N. Murugesu

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Rajalakshmi Engineering College
(Autonomous)

Department of BioTechnology

Training on “NCBI Gene Sequencing Analysis”

Date: 05.02.2021

Summary of the training program-Report

- Program was inaugurated with prayer song at 01.00 pm on 05.02.2021. In the Inaugural address Head of the Department of BioTechnology, Dr.R.Jayasree welcomed and introduced the chief guest Ms. Femina Carlin, SRF, SSN Engineering College, Chennai. Also, HOD spoke few words about the training program.
- In the training program by the chief guest Ms. Femina Carlin explained the necessity of gene sequencing analysis.
- After the tea break, Ms. Femina Carlin deliberated the NCBI Gene Sequencing Analysis.
- In the session 3, as per the training of Ms. Femina Carlin, teaching faculty did the practise session of gene sequencing analysis.
- At 3.30 pm Assistant professor Mr. S. Arunkumar felicitated chief guest Ms. Femina Carlin with a memento as token of appreciation and concluded the training program with vote of thanks followed by nation anthem.
- Feedbacks were collected from the teaching faculty and the speaker about the training program












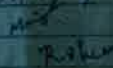


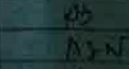
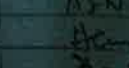








S. N. Murali

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Rajalakshmi Engineering College
(Autonomous)
Department of Bio Technology
Training on "NCBI Gene Sequencing Analysis"

Date: 05.07.2021

S.No	Name of the Faculty	Signature
1.	Dr. Johanna Rajkumar	
2.	Dr. T.R.Sundararaman	
3.	Dr. B. Vijaya Geetha	
4.	Dr.K.Sathya	
5.	Dr. S. Thiruvengadam	
6.	Dr. P. Rajasekar	
7.	Dr. D. Sridhar	
8.	Dr. V. Gayathri	
9.	Dr. T. Anitha	
10.	Dr. D. Haripriya	
11.	Dr. M. Sarika	
12.	Mr. T. Babu	
13.	Dr. Rekha Ravindran	
14.	Dr. Sujata Roy	
15.	Dr. P. Saravanan	
16.	Dr. T. A. Selvakumar	
17.	Dr. M. Millicent Mabel	
18.	Dr. R. V. Harinath	
19.	Dr. R. Anitha	
20.	Dr. G. Carla Geer Malar	
21.	Ms. K. S. Shreenidhi	
22.	Dr. A. Saravanan	
23.	Ms. S. Hemamalini	
24.	Ms. J. Ambiga Devi	

S. N. Thompson

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Faculty Development Program

Covid-19 and It's impact on world economy

Organized by

**Department of Aeronautical
Engineering**

ON:06/06/2022

from:10am to 1pm

venue:Heritage Hall



Harvinder Kaur
Psychology, Child Development, Counselling

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Permission letter

Date :26.05.2022

Place: Chennai

From

Dr. Suresh Chandra Khandai
Professor and Head of Department
Department of Aeronautical Engineering
Rajalakshmi engineering college, Thandalam
Chennai – 602105

S. V. Mungam

To

The Principal
Rajalakshmi Engineering College
Thandalam
Chennai – 602105

**PRINCIPAL
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THANDALAM, CHENNAI - 602 105.**



Dear Sir / Madam

Sub – Requisition to conduct FDP for teaching Staff- **“Covid -19 and its impact on world economy”**

We have planned to conduct the One Day Faculty Development Program titled **covid -19 and its impact on world economy** for Aeronautical Engineering teaching staff on 06/06/2022. I believe this will be a very informative session and helpful to enhance their knowledge. All the necessary things like the catering service will be arranged separately by us. I hope to hear this event has been approved soon Thank you very much for your time and consideration of my request.

Facility Requirement

1. Heritage Hall for induction program
2. Refreshment for Resource Persons
3. Memento

Permitted
26/5/22

[Signature]
Signature
26/5/22

Harvinder Kaur (NT)



Dedicated Psychologist with 20+ years' experience in teaching as well as providing therapy. Have proven record of maximising students potential. Child friendly, non judgemental, open and unconditional positive regard for every student for we all have the potential to blossom under the right guidance. I have been honoured with several awards such as education excellence award, women lead 2022 award. I believe Psychology is one of the most interesting subjects that can help us deepen our understanding of human psyche and behaviour. Lets dive into this subject and explore it. My best result has been the year 2018, 6 students scored full 100% marks .I believe in child centred, demonstrative, analytical teaching style.

HOD/ Aero Department



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Rajalakshmi Engineering College
Department Aeronautical Engineering
Seminar on "Covid-19 and It's impact on World Economy"

(06/06/2022)

s.no	Name	Department	Sign
1.	Dr. Nithigaatha R.K	AP(SG), Aero	R.K.Rao
2.	Dr. Suresh. Kharseli	Asp, Aero	S.Kharseli
3.	Dr. Nuthusany. N	Prof, Aeronautical	N. Nuthusany
4.	Aureobha Bogadi	AP(SG), Aero	Bogadi
5.	Vasanthan Vasa Ranth.	AP(SG), Aero	Vasanthan
6.	Prem Anand TP	AP, Aero	Prem Anand
7.	Balaji. R	AP(SG), Aeronautical	Balaji
8.	Pradeesh S	AP, Aero	Pradeesh
9.	Shebaz Ahmed JP	Asst. Prof, AERO.	Shebaz
10.	A. Paramasivam	AP, Mech	A. Paramasivam
11.	Mr. M. Ajin	AP, Mech	M. Ajin
12.	C. Devanathan	AP, Mech	C. Devanathan
13.	A. Paramasivam	AP, Mech	A. Paramasivam
14.	Mr. Lajesh	AP, Mech	Lajesh
15.	D. ARUNAM ANTONY	AP, Mech	D. ARUNAM ANTONY
16.	M. Rajkumar	AP, Mech	M. Rajkumar
17.	A. Praveen	AP, Mech	A. Praveen
18.	Dr. S. Girisankar	AP, Mech	Dr. S. Girisankar
19.	M. Santhan. Krishnan	AP(SG), Mech	M. Santhan. Krishnan
20.	N. Vinodh Babu	AP, Mech	N. Vinodh Babu

S. N. Kumar



HOD Aeronautical Engineering

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DEPARTMENT OF AERONAUTICAL ENGINEERING

Closure Report for Faculty Development Programme on "Covid-19 and its impact on world economy"

(06/06/2022)


- Faculty Development Programme is conducted by the Department of Aeronautical Engineering in association with Aeronautical society of India, Chennai Branch

Total number of participants – Teaching Faculty members – 20

- The program has started with prayer song and followed by welcome address by the Head of the Department, Dept of Aeronautical Engineering. The speaker has delivered an inspiring keynote speech to the participants before announcing the workshop to commence.
- The speaker started the lecture on the importance of a healthy and interactive classes and the session went on for a while.
- It was very much helpful for the teaching faculty from various department
- The members given feedback at the end of the lecture. They were very happy that confidence level of them is increased.
- After the feedback session, certificates were distributed to all participants The program has been completed with national anthem.

PROGRAM SCHEDULE

10.00 – 10.15 am	:	Registration
10.15 – 10.30 am	:	Inaugural Function - Prayer Song, Welcome address by HoD (Aero).
10.30 – 12.40 pm	:	Guest talk and workshop by Ms.Harvinder kaur on "Covid-19 and its impact on world economy"
12.40 – 01.00 pm	:	Valedictory Function - Feedback collection, Certificate distribution and Vote of thanks.


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HOD AERO DEPARTMENT



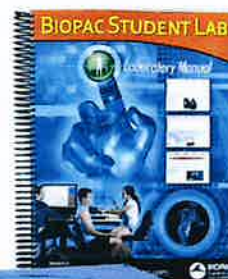
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DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY UPSKILLING PROGRAM

Hands on training on BIOPAC systems

(Hardware and software)



AGENDA

- Overview of BIOPAC systems
- Acquisition overview
- Analysis basics
- Creating lessons
- Recording basics – Acquisition overview
- Setup acquisitions
- Channel presets
- Output control
- Other commands

Resource Person:

Dr.Basker, Biopac systems, Bangalore

Venue: Biomedical Instrumentation Lab (academic block)

Date: 26/7/22

Time : 9:00am- 2:30pm

S. A. Muppa

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RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI 602105
DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE: 23.07.2022

SUBMITTED TO THE VICE-CHAIRMAN

DEAR SIR,

SUB: Permission to conduct Hands on training on BIOPAC systems (hardware & software)-reg.

The Department of Biomedical Engineering is planning to conduct a faculty enhancement training Hands on training on BIOPAC systems (hardware & software) on 26 July 2022. The objective of the programme is to provide training on BIOPAC data acquisition device for Laboratory and research purpose. It helps the faculty members to effectively guide students and also for reviewing the work done by research scholars and students.

The maximum number of participants was restricted to 25. No registration fee for participants from the Department of Biomedical Engineering. Participation certificate and snacks are to be provided to the participants.

I request your permission to conduct the program in our institution.

Thanking you,



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Rajalakshmi Engineering College, Chennai

Department of BME

Hands on training on BIOPAC systems

(Hardware and software)

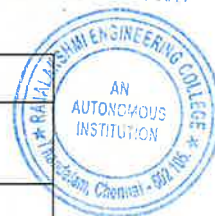
S.N. Ramesh

26/07/2022

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THANDALAM, CHENNAI - 602 105.

List of participants

S.No	Name	Designation
1	Dr.RAJKUMAR.S	PROFESSOR
2	Dr.KALPANA.R	PROFESSOR
3	Dr. JOBIN CHRIST M.C	PROFESSOR
4	Dr.PREM KUMAR.R	PROFESSOR
5	Dr. NITHYAA.AN	ASSOCIATE PROFESSOR
6	Dr. PADMASINI.N	ASSOCIATE PROFESSOR
7	Dr.GOVINDARAJ.P	ASSOCIATE PROFESSOR
8	Dr.INDUMATHY D	ASSOCIATE PROFESSOR
9	Mr.MURALIDHARAN.C	ASSOCIATE PROFESSOR
10	Dr.NANDHINI.R	ASST PROFESSOR
11	Dr.SATHISH M	ASST PROFESSOR
12	Mr. KARTHI J	ASST PROFESSOR
13	Mr. KRISHNAKUMAR. S	ASST PROFESSOR
14	Mr. SRIDHARAN. P	ASST PROFESSOR



15	Mr.SANKAR.K	ASST PROFESSOR
16	Ms. DHIVYA. S	ASST PROFESSOR
17	Ms. JEMINA ASNOTH SYLVIA PJ	ASST PROFESSOR
18	Ms. KARUPPATHALE	ASST PROFESSOR
19	Ms. MANJUSHA.M	ASST PROFESSOR
20	Ms.ANUSHA.S	ASST PROFESSOR
21	Ms.BENAZIR BEGAM R	ASST PROFESSOR
22	Ms.BOBBY. M	ASST PROFESSOR
23	Ms.MONISHA.R	ASST PROFESSOR
24	Ms.NEELA.M	ASST PROFESSOR
25	Ms.PONSELVI. C	ASST PROFESSOR

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REPORT

S. N. Hemjani

on

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE

Hands on training on BIOPAC systems

(Hardware and software)



The event was started with the 12 faculty members of biomedical engineering department at BMI lab on 26/7/22. The event started with a welcome address by Dr. Kalpana, Dean Department of Biomedical Engineering. This was followed by the hands-on training on BIOPAC systems. The event started around 9 am with the introduction on BIOPAC. This progressed with learning many modules of BIOPAC. All the objectives were covered by the guest Dr. Basker and all the participants were find its useful. The event was concluded with the Vote of thanks from Dr. Rajkumar, HOD Department of Biomedical Engineering.

Biopac Demonstration:



47



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CERTIFICATE OF APPRECIATION

This certificate is presented to:

Mr. Krishnakumar S, Assistant Professor

In recognition for a successful completion of one day workshop on
"Hands on training on BIOPAC systems" organized by Department of
Biomedical Engineering, Rajalakshmi Engineering College, Chennai.

Date: 26.07.2022



Signature of HOD



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CERTIFICATE OF APPRECIATION

This certificate is presented to:

Ms. E Karuppathal, Assistant Professor

In recognition for a successful completion of one day workshop on
"Hands on training on BIOPAC systems" organized by Department of
Biomedical Engineering, Rajalakshmi Engineering College, Chennai.

S. V. Murugesan

PRINCIPAL

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CHANDALAM, CHENNAI - 602 105.

Date: 26.07.2022

Signature of HOD





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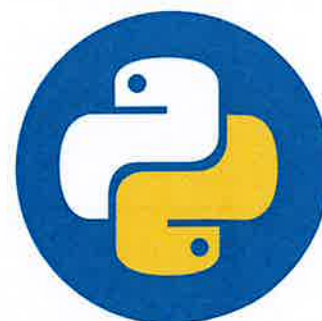
DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY UPSKILLING PROGRAM

Basics of Python programming

Objectives

- To help the participants to familiarize with Python Programming language and data analysis.
- To train the participants in accessing data from various domains.
- To develop confidence as independent Python Programmer and data analyst



Course Content:

- Introduction to Python - Input and Output Statements, Comments, Datatypes and Variables
- Python Operators
- Branching Statements
- Looping Statements
- Python Sequence:String
- Python Sequence:List
- Python Sequence:Tuple and Set
- Python Sequence:Dictionary
- Python Libraries-Data Analysis-Pandas and Matplotlib
- Hands on Practice Problems - Python IDLE and Digital Cafe Portal



S. V. Manjula

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Resource person

MR. P.V. RAJARAMAN, AP(SS)/CSE

- Venue: Biosignal processing Lab (academic block)
- Date: 26/11/21
- Time : 9:00am- 3:00pm



RAJALAKSHMI ENGINEERING COLLEGE
THANDALAM, CHENNAI 602105
DEPARTMENT OF BIOMEDICAL ENGINEERING

DATE: 25.11.2021

SUBMITTED TO THE VICE-CHAIRMAN

DEAR SIR,

SUB: Permission to conduct Python programming-reg.

The Department of Biomedical Engineering is planning to conduct a faculty enhancement training Programme on Python programming on 26 November 2021. The objective of the programme is to provide training on Python programming basics. It helps the faculty members to effectively guide students and also for reviewing the work done by research scholars and students.

The maximum number of participants was restricted to 25. No registration fee for participants from the Department of Biomedical Engineering. Participation certificate and snacks are to be provided to the participants.

I request your permission to conduct the program in our institution.

Thanking you,

Dr. S. Raj Kumar

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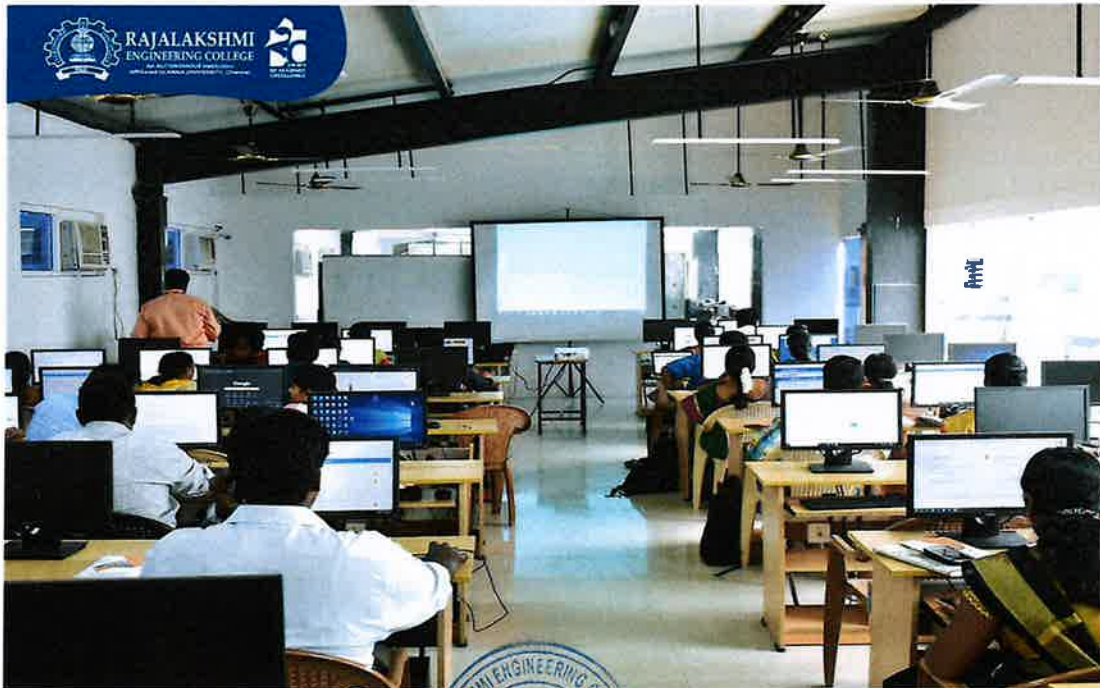
REPORT

on

Basics of Python programming, 26/11/2021

The event was started with the 10 faculty members of biomedical engineering department at biosignal processing lab on 26/11/21. The event started with a welcome address by Dr. Kalpana, Dean Department of Biomedical Engineering. This was followed by the theory session in the forenoon and hands-on training in the Python IDLE and Digital Cafe Portal in the afternoon session. The participants were got a fair amount of fundamental knowledge on Python Programming. The participants understood data handling, analysis and implementation using Python built-in Libraries. All the objectives were covered by the guest MR. P.V. RAJARAMAN, AP(SS)/CSE and all the participants gave positive feedback. The event was concluded with the Vote of thanks from Dr. Rajkumar, HOD Department of Biomedical Engineering.

Basics of python programming held on 26/11/2021



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Rajalakshmi Engineering College, Chennai

Department of BME

Basics of Python programming

26/11/2021

List of participants

S.No	Name	Designation
1.	Dr. JOBIN CHRIST M.C	PROFESSOR
2.	Dr.PREM KUMAR.R	PROFESSOR
3.	Dr. NITHYAA.AN	ASSOCIATE PROFESSOR
4.	Dr. PADMASINI.N	ASSOCIATE PROFESSOR
5.	Dr.GOVINDARAJ.P	ASSOCIATE PROFESSOR
6.	Dr.INDUMATHY D	ASSOCIATE PROFESSOR
7.	Mr.MURALIDHARAN.C	ASSOCIATE PROFESSOR
8.	Dr.NANDHINI.R	ASST PROFESSOR
9.	Dr.SATHISH M	ASST PROFESSOR
10.	Mr. KARTHI J	ASST PROFESSOR
11.	Mr. KRISHNAKUMAR. S	ASST PROFESSOR
12.	Mr. SRIDHARAN. P	ASST PROFESSOR
13.	Mr.SANKAR.K	ASST PROFESSOR
14.	Ms. DHIVYA. S	ASST PROFESSOR



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15.	Ms. JEMINA ASNOTH SYLVIA PJ	ASST PROFESSOR
16.	Ms. KARUPPATHALE	ASST PROFESSOR
17.	Ms. MANJUSHA.M	ASST PROFESSOR
18.	Ms.ANUSHA.S	ASST PROFESSOR
19.	Ms.BENAZIR BEGAM R	ASST PROFESSOR
20.	Ms.BOBBI. M	ASST PROFESSOR
21.	Ms.MONISHA.R	ASST PROFESSOR
22.	Ms.NEELA.M	ASST PROFESSOR
23.	Ms.PONSELVI. C	ASST PROFESSOR
24.	Ms.SAIDIVYA.R	ASST PROFESSOR

Handwritten signature

S. V. Manjula
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Certificate of Appreciation

This certificate is presented to:

J. N. Mungai

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Ms. Padmasini N

In recognition for a record of participation in "**Python programming**" Conducted by
Department of Biomedical Engineering, Rajalakshmi Engineering College.



Nov 26, 2021

[Signature]

HOD

