



## EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA, NAAC with "A+" and Recognised by UGC (2f & 12B)  
KOMARAPALAYAM - 637303

### DEPARTMENT OF BIOMEDICAL ENGINEERING

#### Circular

Our department is planned to conduct **Value added course** about "**Introduction to R Programming for Healthcare**" on **07.04.2021 (Saturday), 14.04.2021 (Saturday) and 21.04.2021 (Saturday)** at **09.30AM-4PM**. The Resource person will be Mr.Vigneshwar , Assitant Professor, Sri Ramakrishna Engineering College, Vattamalaipalyam, We request all the students for kind co-operation to conduct the event in an effective manner. On behalf of our Department, all the students are invited.

  
Coordinator

  
HOD



To

1. Department Notice Board

Copy To,

1. Circulated to all faculty members
2. File



**Requisition Letter**

Date: 01.04.2021  
Komarapalayam

From

Dr. G Praksh,  
Professor / ECE,  
Excel Engineering College,  
Komarapalayam.

To

The Principal,  
Excel Engineering College,  
Komarapalayam.

Respected Sir,

Sub: Seeking permission to conduct certificate course on **"Introduction to R-Programming for Healthcare"**-Reg.,

I would like to bring to your kind notice that we are going to conduct BME- **Introduction to R-Programming for Healthcare** on 07.04.2021 (Saturday), 14.04.2021 (Saturday) and 21.04.2021 (Saturday) at 09.30AM to 4PM. In this connection, we seek your kind permission to conduct the program in an effective manner.

Thanking you,

Yours Faithfully,

T. G. Praksh  
Coordinator

  
HOD





Date: 01.04.2021

## EXCEL ENGINEERING COLLEGE


### DEPARTMENT OF BIOMEDICAL ENGINEERING

Proposal for conduct value added course on  
**Introduction to R-Programming for Healthcare**

S.NO	Head of Account	Amount (in RS)
Direct Expenditure		
1	Chief Guest Refreshment	300
2	Inaugural ceremony materials	500
3.	Resource Person Remuneration	3000
	<b>Total</b>	<b>Rs. 3800</b>
Indirect Expenditure		
4	Transport facility for chief Guest	College Vehicle
5	Accomodation for Chief Guest	Welcome Block
6	Chief guest Memento and Shawl	From PRO
7	Flex and Banner (2 No)	From PRO
8	Participants Refreshment (50 students)	From Hostel

  
Staff incharge



  
HoD

  
Principal

01.04.2021  
Pallakapalayam

From

Dr. G Prakash,  
Professor / ECE  
Excel Engineering College  
Pallakapalayam

To

The Principal  
Excel Engineering College  
Pallakapalayam

Respected Sir,

Sub: Proposal for value added course on **"R-Program for Healthcare Data Analytics"** -Reg

We are planning to conduct certificate course on **"R-Program for Healthcare Data Analytics"** on **07.04.2021 (Saturday), 14.04.2021 (Saturday), 21.04.2021 (Saturday)**, at **09.30 am-4pm**. In this connection, we seek your kind permission to conduct the program in an effective manner.

Thanking you

Yours faithfully

Dr.G Prakash

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DEPARTMENT OF BIOMEDICAL ENGINEERING

## Value Added Course Syllabus

### Introduction to R-Programming for Healthcare

Introduction- Overview and History of R-Getting Help-R Console Input and Evaluation-Data Types - R Objects and Attributes-Data Types - Vectors and Lists-Data Types - Matrices-Data Types - Reading Tabular Data-Reading Large Tables-Textual Data Formats-Connections: Interfaces to the Outside World-Subsetting - Basics-Lists-Matrices- Partial Matching- Removing Missing Values-Vectorized Operations **5 Hours**

Introduction to swirl-Control Structures - Introduction-Control Structures - If-else-For loop- While loops-Repeat, Next, Break-Your First R Function-Functions-Scoping Rules -Symbol Binding-Optimization Example Coding Standards **5 Hours**

Dates and Times-Loop Functions-apply-mapply- tapply-split-Debugging Tools - Diagnosing the Problem **5 Hours**

**Total: 15 Hours**



*Handwritten signature*  
6/10/2020





**EXCEL ENGINEERING COLLEGE**

**Komarapalayam-637303**



**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**INVITATION**

*Management, Principal, Head of the Department, Staff and Students  
Cordially invite you for the Inauguration of Three Days Value Added Course on*

**"Introduction to R-Programming for Healthcare"**

**On 07<sup>th</sup> APRIL 2021 @ 09.30 A.M.**

**Venue: College Premises**

**Mr. Vigneshwar**

*Assistant Professor,  
Sri Ramakrishna Engineering College,  
Vattamalaipalyam*

has kindly consented to be the Chief Guest and  
deliver the key note address

**Dr. N. Mathan Karthick**

*Vice Chairman of Excel Group Institutions*  
has kindly consented to Honor the chief guest

**Prof. Dr.K. Bommannaraja**

*Principal, Excel Engineering College*

will preside over the function

**Prof.Dr. K.Nallusamy**

*Director Administration, Excel Group Institutions*

will be the Guest of Honour

**Prof. Dr. B Balasubramanian**

*HOD/BME, Excel Engineering College*

Kindly grace the Occasion by your Presence

## AGENDA

Time: 09.30 am

Prayer	:	By Excellians
Welcome Address	:	<b>Dr. B Balasubramanian</b> HOD/BME
Presidential Address	:	<b>Dr. K Bommannaraja</b> Principal, Excel Engineering College
Felicitation Address	:	<b>Dr. N. Mathan Karthick</b> Vice Chairman, Excel Group Institutions
Special Address	:	<b>Dr. K. Nallusamy</b> Director Administration, Excel Group Institutions
Introduction of Chief Guest	:	<b>Dr.G.Prakash</b> Professor/ECE
Chief Guest	:	<b>Mr.Vigneshwar</b> Assistant Professor, Sri Ramakrishna Engineering College, Vattamalaipalyam
Vote of Thanks	:	<b>Ms. T Sasikala</b> AP/BME



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## DEPARTMENT OF BIOMEDICAL ENGINEERING

### Introduction to R-Programming for Healthcare

We, the department of Biomedical Engineering, Excel Engineering College have conducted a Value Added Course on "Introduction to R-Programming for Healthcare" on 07.04.2021 (Saturday), 14.04.2021 (Saturday) and 21.04.2021 (Saturday) at 09.30AM-4pm.

The entire session was handled by Mr. Vigneshwar, Assistant Professor, Sri Ramakrishna Engineering College, Vattamalaipalyam. Around 44 students from 2<sup>nd</sup> year attended the course.

  
Coordinator

  
HOD





S NO	NAME OF THE STUDENT	ROLL NO	CLASS/YEAR	RATE THE SESSION	TIME MANAGEMENT	DELIVERY OF LECTURE	COURSE CONTENT	OVERALL SESSION	DO YOU LIKE THIS TYPE OF WEBINAR IN FUTURE	ANY OTHER COMMENT
1	AKSHAI KRISHNA	19BME001	II	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	YES	
2	ALEENA JOSHY	19BME002	II	EXCELLENT	EXCELLENT	EXCELLENT	Good	EXCELLENT	YES	It's very useful to me., interact friendly, I am very happy to attend the meeting, thank you for giving me to attend this course
3	ANSHAD	19BME003	II	Good	Good	Good	Good	Good	YES	No
4	ARTHI	19BME004	II	EXCELLENT	EXCELLENT	Good	Good	EXCELLENT	YES	Nothing more super content delivery session
5	ASHWINI	19BME005	II	Good	EXCELLENT	Good	Good	EXCELLENT	YES	No comment
6	ATHUL	19BME006	II	Good	Fair	Good	Good	Good	YES	No
7	BHUPEASH	19BME007	II	EXCELLENT	Good	Good	Good	Good	YES	
8	BOOPATHI	19BME008	II	Good	Fair	Good	Good	Fair	YES	
9	CHANDAN	19BME009	II	Good	Good	Good	Good	Good	YES	
10	CHANDRI	19BME010	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	
11	DILIPKUMAR	19BME011	II	EXCELLENT	EXCELLENT	EXCELLENT	Good	EXCELLENT	YES	No
12	DINESH	19BME012	II	Good	Good	Good	Good	Good	YES	
13	GAJENDRAN	19BME013	II	EXCELLENT	EXCELLENT	Good	Good	EXCELLENT	YES	
14	GAYATHRI	19BME014	II	Good	Good	EXCELLENT	Good	EXCELLENT	YES	
15	GOKULKUMAR	19BME015	II	EXCELLENT	Good	Good	EXCELLENT	EXCELLENT	YES	No
16	GOPIKA	19BME016	II	EXCELLENT	EXCELLENT	Good	EXCELLENT	Good	YES	No
17	GUNASEKARAN	19BME017	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	No
18	HARI PRASATH SRINIVASAN	19BME018	II	Good	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	YES	No
19	HARSHINI SRI	19BME019	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	No
20	JAYAVARTHINI	19BME020	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	No
21	JITESH KUMAR	19BME021	II	EXCELLENT	EXCELLENT	EXCELLENT	Good	EXCELLENT	YES	
22	KAVIYA	19BME022	II	Good	Good	Good	Good	Good	YES	No
23	KAVIYA	19BME023	II	EXCELLENT	EXCELLENT	Good	Good	EXCELLENT	YES	No
24	KIRUTHIGA	19BME024	II	Good	Good	EXCELLENT	Good	EXCELLENT	YES	No
25	KRISHNAVENI	19BME025	II	Good	EXCELLENT	EXCELLENT	EXCELLENT	Good	YES	
26	MOHANRAJA	19BME026	II	Good	EXCELLENT	Good	EXCELLENT	EXCELLENT	YES	It's good opportunity for all students, it's very useful to us
27	MONISHA	19BME027	II	Good	Good	Good	Good	Good	YES	-
28	MUHAMMAD NOUFAL	19BME028	II	EXCELLENT	Good	EXCELLENT	Good	EXCELLENT	YES	No
29	MYTHINI	19BME029	II	EXCELLENT	Good	Good	Good	Good	YES	No
30	PIRYADHARSHINI	19BME031	II	Good	Fair	Good	Good	EXCELLENT	YES	No
31	POOVIZHI	19BME032	II	Good	Good	Good	Good	Good	YES	
32	PRAVEEN	19BME033	II	EXCELLENT	EXCELLENT	Good	Good	EXCELLENT	YES	No
33	REYANTH	19BME034	II	Good	Good	EXCELLENT	Good	EXCELLENT	YES	No
34	SABITHA	19BME035	II	Good	EXCELLENT	EXCELLENT	EXCELLENT	Good	YES	No
35	SHARON SHAJI DOMINIC	19BME036	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	No
36	SHIVANI	19BME037	II	EXCELLENT	EXCELLENT	Good	EXCELLENT	Good	YES	No
37	SRIKAVIN	19BME038	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	
38	SURENDAR	19BME039	II	Good	EXCELLENT	EXCELLENT	Good	EXCELLENT	YES	
39	SUVETHAN	19BME040	II	EXCELLENT	Good	EXCELLENT	EXCELLENT	EXCELLENT	YES	
40	THOUFEEQ SINAN	19BME041	II	EXCELLENT	EXCELLENT	EXCELLENT	Good	EXCELLENT	YES	
41	VASUDEVAN	19BME042	II	Good	Good	Good	Good	Good	YES	No
42	VURENDRA GOSWAMI	19BME043	II	EXCELLENT	EXCELLENT	Good	Good	EXCELLENT	YES	No
43	VITHYA	19BME045	II	Good	Good	EXCELLENT	Good	EXCELLENT	YES	No
44	MOULIDHARAN	20BME046	II	EXCELLENT	Good	Good	EXCELLENT	EXCELLENT	YES	No



# EXCEL ENGINEERING COLLEGE

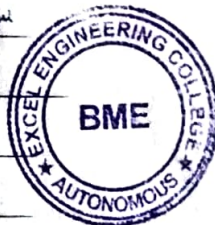
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## DEPARTMENT OF BIOMEDICAL ENGINEERING

### Introduction to R-Programming for Healthcare -Student Attendance

SL.NO	ROLL NO.	NAME OF STUDENT	07-04-2021	14-04-2021	21-04-2021	Ren.
1	19BME001	AKSHAI	Akshai	Akshai	Akshai	
2	19BME002	ALEENA	Aleena	Aleena	Aleena	
3	19BME003	ANSHAD	Anshad	Anshad	Anshad	
4	19BME004	ARTHI	Arthi	Arthi	Arthi	
5	19BME005	ASHWINI	Ashwini	Ashwini	Ashwini	
6	19BME006	ATHUL	Athul	Athul	Athul	
7	19BME007	BHUPEASH	Bhupesh	Bhupesh	Bhupesh	
8	19BME008	BOOPATHI	Boopathi	Boopathi	Boopathi	
9	19BME009	CHANDAN	Chandan	Chandan	Chandan	
10	19BME010	CHANDRU	Chandru	Chandru	Chandru	
11	19BME011	DILIPKUMAR	Dilip Kumar	Dilip Kumar	Dilip Kumar	
12	19BME012	DINESH	Dinesh	Dinesh	Dinesh	
13	19BME013	GAJENDRAN	Gajendran	Gajendran	Gajendran	
14	19BME014	GAYATHRI	Gayathri	Gayathri	Gayathri	
15	19BME015	GOKULKUMAR	Gokul Kumar	Gokul Kumar	Gokul Kumar	
16	19BME016	GOPIKA	Gopika	Gopika	Gopika	
17	19BME017	GUNASEKARAN	Gunasekaran	Gunasekaran	Gunasekaran	
18	19BME018	HARI PRASATH SRINIVASAN	Hari Prasath	Hari Prasath	Hari Prasath	
19	19BME019	HARSHINI SRI	Harshini	Harshini	Harshini	
20	19BME020	JAYAVARTHINI	Jayavathi	Jayavathi	Jayavathi	
21	19BME021	JITESH KUMAR	Jitesh	Jitesh	Jitesh	
22	19BME022	KAVIYA K	Kaviya	Kaviya	Kaviya	
23	19BME023	KAVIYA R	Kaviya	Kaviya	Kaviya	





24	19BME024	KIRUTHIGA	Kiruthiga	Kiruthiga	Kiruthiga
25	19BME025	KRISHNAVENI	Krishnaveni	Krishnaveni	Krishnaveni
26	19BME026	MOHANRAJA	Mohanraja	Mohanraja	Mohanraja
27	19BME027	MONISHA	Monisha	Monisha	Monisha
28	19BME028	MUHAMMAD NOUFAL	Muhammad Noufal	Muhammad Noufal	Muhammad Noufal
29	19BME029	MYTHINI	Mythini	Mythini	Mythini
30	19BME031	PIRYADHARSHINI	Piryadharshini	Piryadharshini	Piryadharshini
31	19BME032	POOVIZHI	Poovizhi	Poovizhi	Poovizhi
32	19BME033	PRAVEEN	Praveen	Praveen	Praveen
33	19BME034	REVANTH	Revanth	Revanth	Revanth
34	19BME035	SABITHA	Sabitha	Sabitha	Sabitha
35	19BME036	SHARON SHAJI DOMINIC	Sharon Shaji Dominic	Sharon Shaji Dominic	Sharon Shaji Dominic
36	19BME037	SHIVANI	Shivani	Shivani	Shivani
37	19BME038	SRIKAVIN	Srikavin	Srikavin	Srikavin
38	19BME039	SURENDAR	Surendar	Surendar	Surendar
39	19BME040	SUVETHAN	Suvethan	Suvethan	Suvethan
40	19BME041	THOUFEEQ SINAN.	Thoufeeque Sinan	Thoufeeque Sinan	Thoufeeque Sinan
41	19BME042	VASUDEVAN	Vasudevan	Vasudevan	Vasudevan
42	19BME043	VIJRENDRA GOSWAMI	Vijrendra Goswami	Vijrendra Goswami	Vijrendra Goswami
43	19BME045	VITHYA	Vithya	Vithya	Vithya
44	20RBME046	MOULIDHARAN	Moulidharan	Moulidharan	Moulidharan

T. A. T. = 07/04/21  
PROGRAM CO-ORDINATOR



H.



**Email:**

vicky2maths@gmail.com

**Mobile No:**

+91-9597132595

**Address:**

6A, Podhigai Garden,  
LIC Nagar (3<sup>rd</sup> street),  
Saamichettipalayam,  
Jodhipuram (PO)  
Coimbatore –  
641 047  
Tamil Nadu.

**Personal Profile:**

**Date of Birth**

:11.08.1990

**Gender :** Male

**Nationality :** Indian

**Languages Known:**

English & Tamil

**Hobbies:**

Reading Books,  
Hearing Music.

**PRESENT STATUS**

**Name:** N. Vigneswar. Assistant Professor,  
Sri Ramakrishna Engineering College,  
Vattamalaipalyam, N.G.G.O Colony(PO)  
Coimbatore –641 022.

**Teaching Experience:** 7 Years, 6 Months.

**Courses Handled:** Algebra and Calculus, Laplace Transforms and Vector Calculus, Transforms and Partial Differential Equations, Numerical Methods, Probability and Statistics, Probability and Random Processes, Probability and Queueing theory, Operations Research, Mathematics for Data Science.

- Using Free and Open Source Software's, particularly R, Python and SCILAB to teach Mathematics and Statistics.

**Academics**

Degree	Institution	Board/University	Year Of Passing	Percent / CGPA
M.Phil.,	Department of Mathematics, Bharathiar University, Coimbatore-641 046.	Bharathiar University	2014	70 %
M.Sc.,	Department of Mathematics, Bharathiar University, Coimbatore-641 046.	Bharathiar University	2012	7.77
B.Sc.,	Kongunadu Arts and Science College, Coimbatore-641 029.	Bharathiar University	2010	89.2%
HSC	P.S.G Sarvajana Higher Secondary school, Coimbatore-641 004.	STATE BOARD	2007	79.4 %
SSLC	Sri Gopal Naidu Higher Secondary School, Coimbatore-641 004.	STATE BOARD	2005	85.6 %

**Field of Interest**

- Differential Equations.
- Statistics and Data Science.
- Computational Fluid Dynamics.

**Project Work**

**Title:** “ Instability in a Non-Newtonian Fluid Saturated Porous Medium”

**Guide:** Dr. S. Saravanan, Associate Professor, Department Of Mathematics,  
Bharathiar University, Coimbatore-641049.



## Resource Person Details

- Acted as a Resource person for the “One day State Level Seminar on Math Logic and Applications of Differential Equations” on 22<sup>nd</sup> March 2016, organized by the Department of Mathematics, Bharathiar University Arts and Science College, Gudalur, The Nilgiris.
- Acted as a Resource person for the Guest Lecture on “Advanced Differential Equations” at Sri Krishna Arts and Science College, Coimbatore on 23<sup>rd</sup> February, 2018.
- Acted as a Resource person for the one day workshop on “R – Programming” at Providence College, Coonoor, The Nilgiris on 30<sup>th</sup> September, 2021.

## Additional Courses Completed

S. No	Name of the Course	Offered by/ Authorized by	Platform
1.	Enhancing Soft Skills and Personality.	IIT - Kanpur	NPTEL
2.	Mathematical Methods and its Applications.	IIT – Roorkee	
3.	Data Science for Engineers.	IIT – Madras	
4.	Introduction to Research.	IIT – Madras	
5.	Effective Engineering Teaching in Practice.	IIT – Madras	
6.	Data Analytics with Python.	IIT – Roorkee	
7.	Introduction to Machine Learning. (Topper + Gold Medal)	IIT - Kharagpur	
8.	Teaching and Learning in General Programs (TALG) (Topper + Gold Medal)	IISC –Bangalore	
9.	Introduction to the Biology of Cancer.	John Hopkins University	COURSERA
10.	A Crash Course in Data Science.	John Hopkins University	
11.	Data Science Math Skills.	Duke University	
12.	Data Science in Real Life.	John Hopkins University	
13.	Global Disease Master class: Communicable Diseases Epidemiology, Intervention and Prevention.	Imperial College, London	
14.	Covid – 19: What you need to know.	Osmosis	
15.	Epidemics – the Dynamics of Infectious Diseases.	The Pennsylvania State University	
16.	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity.	University of California	
17.	Stochastic Processes - Higher School of Economics.	National Research University	
18.	Solving Ordinary Differential Equations with MATLAB.	MATLAB – TRAINING & SERVICES	
19.	Introduction to Linear Algebra with MATLAB.		
20.	Solving Nonlinear equations with MATLAB.		
21.	Introduction to Statistical Methods with MATLAB.		



22.	Introduction to Symbolic Math with MATLAB.		
23.	Introduction to Probability.	Harvard University	edX
24.	Lessons from Ebola – Preventing the Next Pandemic.	Harvard University	
25.	Probability for Data Science.	Great Learning Academy	
26.	Statistics for Machine Learning.		
27.	Linear Regression in Python.		
28.	Predictive Modeling and Analytics.		
29.	Basics of Machine Learning.		

## Highlights

S. No	Courses/Trainings completed	Offered by/ Platform
1.	Successfully completed the <b>Business English Certificate (BEC) Preliminary</b> exam with a consolidated score of 150. Year of Passing: 2017	University of Cambridge.
2.	<b>Top Performer</b> in the Six Weeks (from 05.06.2020 to 17.07.2020) Online Training on <b>DATA SCIENCE</b>	<b>INTERNSHALA</b> Trainings
3.	<b>GeoGebra 5.04 – Software Training – Spoken Tutorial: IIT Bombay</b> Completed the training Successfully on 30.04.2020.	Good Shepherd * Matriculation Hr Sec School, Trichy
4.	Successfully completed the <b>“Diploma Course in Machine Learning with R Studio”</b> with a consolidated score of 83%, Year of Passing: May, 2020	Alison

## Co-curricular activities

### WORKSHOPS & FACULTY DEVELOPMENT PROGRAMMES ATTENDED

FACULTY DEVELOPMENT PROGRAMMES		
S. No	Title	Organizers
1.	Data Analytics and Machine Learning	AICTE Training And Learning: September 20 - 24, 2021.
2.	Data Sciences	AICTE Training And Learning: October 05 – 10, 2020
3.	Advanced Research Methods and Quantitative Data Analysis using SPSS	University of Lucknow: 26.10.2020 – 01.11.2020
4.	Blended and Flipped Approach in Teaching and Learning	AICTE Training And Learning: August 24 – 28, 2020
5.	Statistical Methods and Scientific Applications	National Institute of Technology (NIT), Calicut: May 14 – 19, 2018
6.	Conceptual Role of Mathematics in Signals and Vibrations	Bannari Amman Institute of Technology: August 01 – 07, 2017
7.	Probability and Queueing Theory	Sri Ramakrishna Engineering College:

8.	Probability and Random Processes	November 22 – 28, 2016 Coimbatore Institute of Technology: 31.08.2015 – 05.09.2015
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### SHORT TERM COURSES

1.	Differential Equations: Solution Techniques and Applications	IIT Guwahati: September 07 – 12, 2020
2.	Mathematical Epidemiology	IIT Madras: December 09 – 14, 2019
3.	Fixed Point Theory and Dynamical Systems	IIT-BHU, Varanasi: Nov 20 – 30, 2017

### WORKSHOPS

1.	International Workshop on Epidemic Modeling	Mukesh Patel School of Technology, Mumbai: June 08 -10, 2020.
2.	Universal Human Values on the theme of “ <i>Inculcating Universal Human Values in Technical Education</i> ”	AICTE: September 21 – 25, 2020
3.	Hand – On Training on R & LaTeX for Scientific Research	IITRAM – Ahmedabad: June 01-06, 2019
4.	National Level Workshop on Applications of Mathematics in Engineering	SRM Institute of Technology, Chennai: March 02 – 03, 2019
5.	Recent Trends in Differential Equations and its Applications,	Coimbatore Institute of Technology: August 05 – 06, 2016
6.	Advanced Analysis and Partial Differential Equations	Periyar University, Salem June 09 – 17, 2016
7.	Engineering Mathematics through open source software SAGE & R	VIT – Chennai: March 19, 2016

### SEMINARS/ CONFERENCES ATTENDED

- Participated in the **National Seminar on Discrete Mathematics and Applications** held during 19 – 21, July 2017 at the Centre for Studies in Discrete Mathematics, Vidya Academy of Science & Technology, Thrissur, Kerala.
- Participated in the **International Conference on Differential Equations and Applications** during March 15 – 16, 2017 held at the Department of Mathematics, **Bharathiar University**, Coimbatore.
- Participated in the NBHM sponsored **Conference on Computational and Theoretical Partial Differential Equations**, organized by the Department of Humanities and Sciences, **National Institute of Technology**, Goa during October 05 – 07, 2016
- Participated in the **International Conference on Nonlinear Dynamical Systems** during 24-26 March, 2016 at **Bharathiar University**, Coimbatore.
- Participated in the **National Conference on Control and Inverse Problems** held during 26-27 February, 2016 at **Central University of Tamil Nadu**, Thiruvavur.

### Extra-curricular activities

- Won Prizes in **Music Competitions and Oratorical contests** held in my college and school level.
- Actively Participated in **NSS (National Service Scheme)**.



- Served as a volunteer for a **Space festival** from July 9-14, 2012 conducted by **NASA, ISRO, DRDO and Bharathiar University**.

### **Awards& Appreciation**

- Received **Appreciation from the Spoken Tutorial team – IIT Bombay** for spreading awareness and holding software training workshops during the academic year 2020 – 2021 at Sri Ramakrishna Engineering College– TamilNadu.
- **NSS Award** for being the **Active Participant in NSS** during the Academic year 2009-2010.
- **Certificate of Honor and Appreciation** from *Government of Tamilnadu* for voluntary blood donation in the service to suffering patients in the year 2010.

### **REFERENCES:**

1. Dr. K. Balachandran,  
Former Professor and Head,  
Department of Mathematics,  
Bharathiar University,  
Coimbatore-641 046.
2. Dr. S. Saravanan,  
Professor and Head,  
Department of Mathematics,  
Bharathiar University,  
Coimbatore-641 046.
3. Dr. M. Suvinthra,  
Assistant Professor,  
Department of Applied Mathematics,  
Bharathiar University,  
Coimbatore – 641 046

### **Declaration:**

I hereby declare that the above furnished details are true to the best of my knowledge.

Place: Coimbatore

(VIGNESWAR. N)



**EXCEL ENGINEERING COLLEGE (AUTONOMOUS)**

**KOMARAPALAYAM - 637303**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**CERTIFICATE OF COMPLETION**

***Introduction to R-Programming for Healthcare***

*This is to certify that Mr/Ms. ALEENA JOSHY, BME-II, EXCEL ENGINEERING COLLEGE has successfully completed INTRODUCTION to R-PROGRAMMING FOR HEALTHCARE held on 7/04/2021, 14/04/2021 and 21/04/2020.*

  
**TRAINER**

  
**HOD/BME**



**EXCEL ENGINEERING COLLEGE (AUTONOMOUS)**

**KOMARAPALAYAM - 637303**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**CERTIFICATE OF COMPLETION**

***Introduction to R-Programnting for Healthcare***

*This is to certify that Mr/Ms. **HARSHINI SRI S**, BME-II, EXCEL ENGINEERING COLLEGE has successfully completed **INTRODUCTION to R-PROGRAMMING FOR HEALTHCARE** held on 7/04/2021, 14/04/2021 and 21/04/2020.*

  
**TRAINER**

  
**HOD/BME**





**EXCEL ENGINEERING COLLEGE (AUTONOMOUS)**

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**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**CERTIFICATE OF COMPLETION**

***Introduction to R-Programming for Healthcare***

*This is to certify that Mr/Ms. MOHANRAJA R, BME-II, EXCEL ENGINEERING COLLEGE has successfully completed INTRODUCTION to R-PROGRAMMING FOR HEALTHCARE held on 7/04/2021, 14/04/2021 and 21/04/2020.*

  
**TRAINER**

  
**HOD/BME**