



**RAAK**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

**3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship during the last five years**

**Academic year**

**(2018-2019)**



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

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### List of Workshop/Seminar/Conference :

Year	Name of the workshop/ seminar/ conference
2018-2019	One day workshop on IoT research
2018-2019	Workshop on "National Innovation And Start Up Policy"(NISP)
2018-2019	Workshop on Research opportunities in Machine Learning
2018-2019	Workshop on innovative AI product development approach
2018-2019	Seminar on "Big Data Analytics" in research
2018-2019	Workshop on Ethics in Scientific Research
2018-2019	Webinar on "Process of Innovation and Product Development"
2018-2019	Workshop on "Innovative product Prototype Development"
2018-2019	Seminar on Innovation Project Ideas
2018-2019	Seminar on IPR-Emerging Issues and Challenges
2018-2019	Seminar on Artificial Intelligence research and Ethics
2018-2019	Seminar on MSME Proposal Writing
2018-2019	Seminar on Trends and Developments of Intellectual Property Rights
2018-2019	Seminar on Startups and Entrepreneurship opportunities in abroad
2018-2019	Seminar on Production of Noise Free Transformer with High Efficiency and Low Losses- Entrepreneurship initiative
2018-2019	Workshop on Research Methodology and Academic Writing
2018-2019	Seminar on Copyright and Related Rights for Digital Era
2018-2019	Seminar on Feature Extraction research Methods in Digital Image Processing

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

22/03/2019

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the one day workshop on "IOT RESEARCH"

**Respected Sir,**

A One day workshop titled "IOT RESEARCH" on 28/03/2019 is planning to be conducted. This program is primarily crafted to enhance student's knowledge. kindly grant permission to conduct this event. Your gracious presence would be much obliged.

Thanking you,

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

Yours faithfully,

**The HOD(IT).**





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/MAR 2019

Date : 25/03/2019

### CIRCULAR

On 28<sup>th</sup> March 2019 a one day workshop titled "IOT RESEARCH" for the benefit of students is organized. Students of Final year of all the departments are invited for the workshop.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

#### Copy to :

1. All HODs





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

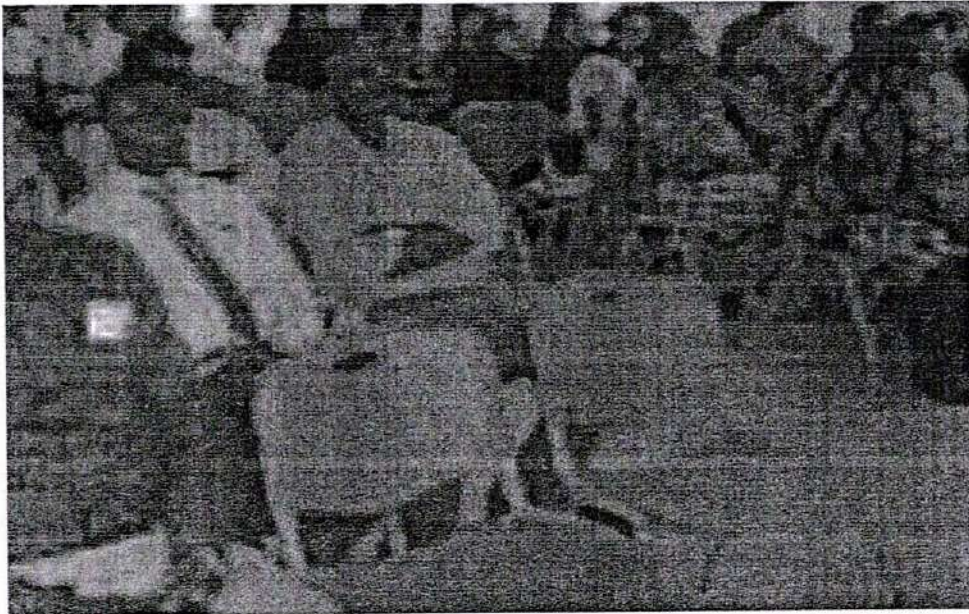
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** One day workshop on “IOT RESEARCH”

**Date :** 28/03/2019

The one-day workshop on Internet of Things (IoT) offers a condensed yet comprehensive exploration of this transformative technology. Participants delve into IoT fundamentals, including sensor networks, data analytics, and connectivity protocols. Through hands-on exercises and demonstrations, attendees gain practical experience in designing and deploying IoT solutions. Expert facilitators guide discussions on IoT applications across industries, highlighting real-world case studies and best practices. The workshop also addresses security considerations and ethical implications of IoT implementation. By the end of the day, participants emerge equipped with foundational knowledge and practical insights to leverage IoT for innovation and problem-solving in their respective fields.



One day workshop on “IOT RESEARCH” on 28/03/2019



A handwritten signature in blue ink, likely belonging to Dr. S. Seenuvasamurthi.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Students Participated :

S.NO	Name	Student enrollment number	Student Signature
1.	PREETHA.R	18TD1418	Preetha.R
2.	PREMKUMAR M	18TD1419	Premkumar M
3.	PRIYADHARSHINI.P	18TD1420	Priyadharshini.P
4.	PUSHPA.R	18TD1421	Pushpa.R
5.	RIFATH ALMAS.S	18TD1422	Rifath Almas.S
6.	SANDHIYA.E	18TD1423	Sandhya.E
7.	SENBAGAM.B	18TD1424	Senbagam.B
8.	SHANTHINLA	18TD1425	Shanthini.A
9.	SIVASAKTHI.C	18TD1426	Sivasakthi
10.	SOORIYA MOORTHY.G.B.	18TD1427	Sooriya moorthy
11.	SUGANYA.P	18TD1428	Suganya.P
12.	SUGUMARAN.M	18TD1429	Sugumaran.M
13.	SUMITHRA S	18TD1430	Sumithra
14.	SUNITHA.C	18TD1431	Sunitha.C
15.	VIJAY.V	18TD1432	Vijay.V
16.	VINODHINI.M	18TD1433	Vinodhini.M
17.	KAVIYA.K	18TH1007	Kaviya.K
18.	MONISHA.M	18TH1011	Monisha.M



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

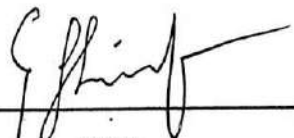
COLLEGE OF ENGINEERING AND TECHNOLOGY

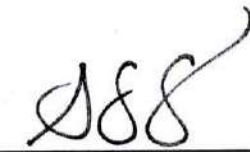
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Vijay . V has participated in IOT Research on 28/03/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



  
GENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

01/03/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the Workshop on "NATIONAL INNOVATION AND START UP POLICY"(NISP)

**Respected Sir,**

This is to request that a Workshop titled "NATIONAL INNOVATION AND START UP POLICY" (NISP) is planning to be organized on 08/03/2019. This program is primarily crafted to enhance student's knowledge. kindly grant permission to conduct the event.

Thanking you,

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



Yours faithfully,

The HOD(IT).





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/MAR 2019

Date : 04/03/2019

### CIRCULAR

A Workshop titled "NATIONAL INNOVATION AND START UP POLICY" (NISP) for the benefit of students is organized on 08<sup>th</sup> March 2019. All students of 2<sup>nd</sup>, 3<sup>rd</sup> and final years presence is appreciated.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

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No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Workshop on “NATIONAL INNOVATION AND START UP POLICY”(NISP)

**Date :** 08/03/2019

The Workshop on National Innovation and Start-Up Policy (NISP) offers a comprehensive understanding of the policy landscape surrounding innovation and entrepreneurship. Participants explore the key components of NISP, including support mechanisms, funding opportunities, and regulatory frameworks. Expert speakers provide insights into leveraging NISP to foster innovation ecosystems and support startup growth. Through interactive discussions and case studies, attendees gain practical knowledge on accessing resources, navigating policy challenges, and maximizing the benefits of NISP for their ventures. The workshop aims to empower participants with the information and tools necessary to thrive in the dynamic landscape of innovation and entrepreneurship within the framework of national policies.



**Workshop on “NATIONAL INNOVATION AND START UP POLICY” (NISP) on**

**08/03/2019**

A handwritten signature in blue ink, appearing to read 'Seenuvasamurthi'.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.-**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
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Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Students Participated :

S.NO	Name	Student enrollment number	Student Signature
1.	EZHILARASAN.S	18TB1206	Ezhilarasan.S
2.	GANESH.M	18TB1207	Ganesh
3.	GNANASEKAR.S	18TB1208	Gnanasekar
4.	KARTHIKEYAN.S	18TB1209	Karthikeyan
5.	KIRAN.K	18TB1210	Kiran.K
6.	PATTAPPAN.S	17TB3114	Pattappan
7.	PRAVEEN KUMAR.N	17TB3115	Siva Balan
8.	SIVA BALAN.P	17TB3116	Sivabalan
9.	TAMIZHSELVAM.M	17TB3117	Mohany
10.	MOHANRAJ.V	17TBL099	Mohanraj
11.	MICHEAL JASS.R	17TB3109	Michael jass.R
12.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad allen
13.	MUTHUKUMARAN.S	17TB3111	Muthukumaran.V
14.	NARAYANA MOORTHILS	19TB1207	Narayana Moorthy.S
15.	PONNAMBALAM. E	19TB1208	Ponnambalam
16.	PRADEEPRAJ.R	19TB1209	Pradeepraj.R
17.	SILAMBU KALIDASAN. M	19TB1211	Silambu kalidasan.M

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
PRINCIPAL

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Sulthanpet Post,  
Puducherry - 605 110





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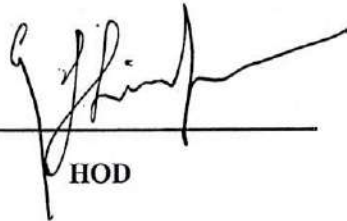
**COLLEGE OF ENGINEERING AND TECHNOLOGY**


(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

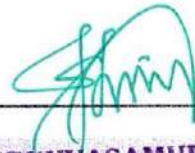


**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. GANESH.M  
has participated in NATIONAL INNOVATION AND START UP on POLICY  
08/03/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.

PRINCIPAL

College of Engineering & Technology

No. 1, Muthupillai Palayam Road,

Sulthanpet Post,

Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

22/02/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.


**Sub : Permission for the Workshop on “RESEARCH OPPORTUNITIES IN MACHINE LEARNING”**

**Respected Sir,**

A workshop titled “RESEARCH OPPORTUNITIES IN MACHINE LEARNING” is planning to be organized on 01/03/2019. This program is primarily crafted to enhance student’s knowledge in Machine learning techniques. Kindly grant permission for conducting the event.

Thanking you,



  
**Dr. S. SEENUVASAMURTHI, M.E., Ph.C.,**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

Yours faithfully,

  
**The HOD(IT).**



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## COLLEGE OF ENGINEERING AND TECHNOLOGY

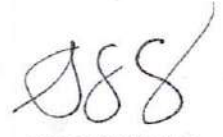
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/FEB 2019

Date : 25/02/2019

### CIRCULAR

A workshop titled "RESEARCH OPPORTUNITIES IN MACHINE LEARNING" is organized on 1<sup>st</sup> March 2019. All the students from CSE and IT department's participation is requested.

  
PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





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## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Workshop on “RESEARCH OPPORTUNITIES IN MACHINE LEARNING”

**Date :** 01/03/2019

The Machine Learning workshop provides a comprehensive introduction to the field, catering to beginners and enthusiasts alike. Participants delve into fundamental concepts such as algorithms, model training, and evaluation techniques. Through hands-on exercises and practical examples, attendees gain proficiency in implementing machine learning algorithms using popular libraries and tools. Expert instructors guide learners through various applications of machine learning across industries like healthcare, finance, and e-commerce. Discussions also cover ethical considerations and best practices in data handling. By the workshop's conclusion, participants acquire a solid foundation in machine learning principles and practical skills, empowering them to leverage this powerful technology in their projects and endeavors.



**Workshop on “RESEARCH OPPORTUNITIES IN MACHINE LEARNING”**

on 01/03/2019

A handwritten signature in blue ink, appearing to read 'S. Seenuvasamurthi', positioned above the printed name of the principal.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
S. Manpet Post,  
Pondicherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamed Alladin.A
2.	MUTHUKUMARAN.S	17TB3111	Muthu Kumaran.
3.	NIHAL AHAMED.N	17TB3112	Nihal Ahamed. N
4.	PATTAPPAN.S	17TB3114	Pattappan
5.	PRAVEEN KUMAR.N	17TB3115	Praveen Kumar
6.	KARTHIKEYAN.M	17TB3104	Karthikeyan.M
7.	KARUNA MOORTHY.S	17TB3105	Karuna Moorthy
8.	EZHILARASAN.S	18TB1206	Ezhilarasan
9.	GANESH.M	18TB1207	Ganesh
10.	GNANASEKAR.S	18TB1208	Gnanasekar
11.	KARTHIKEYAN.S	18TB1209	Karthikeyan.S
12.	KIRAN.K	18TB1210	Kiran.K
13.	KARTHIKEYAN.S	18TB1209	Karthikeyan.S
14.	DEVA. R	19TB1203	Deva.R
15.	MOHANDOSS. A	19TB1205	Mohandoss.A
16.	NANTHAKUMAR. S	19TB1206	Nanthakumar
17.	NARAYANA MOORTHY.S	19TB1207	Narayana Moorthy.S

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 119



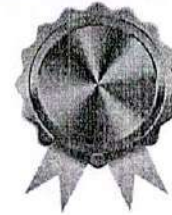




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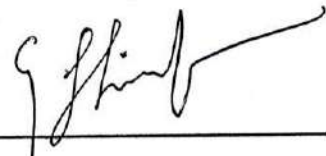
**COLLEGE OF ENGINEERING AND TECHNOLOGY**


(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. NIHAL AHAMED. N  
has participated in RESEARCH OPPORTUNITIES IN MACHINE LEARNING  
01/03/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL

  
**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**

**RAAK College of Engineering & Technology**  
**No.1, Muthupillai Palayam Road,**  
**Sulthanpet Post,**  
**Puducherry - 605 110.**





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

15/02/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub : Permission regarding the Workshop on "INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES"**


**Respected Sir,**

This is to request that a workshop titled "INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES" is planning to be organized on 22/02/2019. Kindly grant permission to conduct this event. Your gracious presence would be much obliged.

Thanking you,

Yours faithfully,



  
**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

  
**The HOD(IT).**



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY


(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JAN 2019

Date : 18/02/2019

### CIRCULAR

On 22<sup>nd</sup> February 2019, a workshop titled "INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES" is organized. Students of Final year of all the departments are invited for the workshop.

  
PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs



**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 010





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Workshop on “INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES”

**Date :** 22/02/2019

The Workshop on innovative AI product development approach is a dynamic event aimed at igniting entrepreneurial spirit and fostering innovation. Through interactive sessions, workshops, and keynote speeches, participants gain insights into the entrepreneurial ecosystem, startup culture, and essential skills for venture creation. Industry experts share their experiences, offering valuable guidance on idea generation, market research, funding opportunities, and business planning. Networking sessions facilitate connections with like-minded individuals and potential collaborators. The camp cultivates a mindset of resilience, creativity, and adaptability, empowering participants to explore entrepreneurial opportunities and pursue their ventures with confidence. By the event's conclusion, attendees are inspired and equipped to embark on their entrepreneurial journey.



**Workshop on “INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES”on**

22/02/2019

A handwritten signature in blue ink, appearing to read 'S. Seenuvasamurthi', written over the date.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	ABDUL AJEES.M	19TB1201	Abdul Ajees .M
2.	ARUNESHWAR. J	19TB1202	Aruneshwar .J
3.	DEVA. R	19TB1203	Deva. R
4.	MOHANDOSS. A	19TB1205	Moham dross
5.	NANTHAKUMAR. S	19TB1206	Nan thakumar .S
6.	NARAYANA MOORTHILS	19TB1207	Naraya Moorthi .S
7.	PONNAMBALAM. E	19TB1208	Ponnambalam
8.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam .N
9.	DHAYANITHIA	18TB1204	Dhayanitha
10.	EZHILARASAN.S	18TB1206	Ehilarasan
11.	GANESH.M	18TB1207	Ganesh .M
12.	GNANASEKAR.S	18TB1208	Gnanasekar .S
13.	KARTHIKEYAN.S	18TB1209	Karthikeyan .S
14.	ABINAYA.E	17TC2201	Abinaya .E
15.	AKILA.A	17TC2203	Akila .A
16.	NISHA.M	17TC2214	Nisha .M
17.	PRAVEEN KUMAR.K	17TD2014	Praveenkumar .K
18.	MANIKANDAN.M	17TB3108	Mani .M
19.	MICHEAL JASS.R	17TB3109	Michael jass .R

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry 605 009

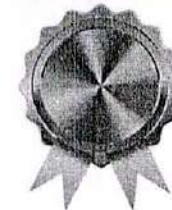




# RAAK

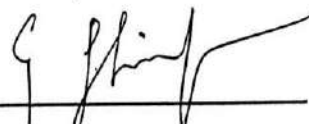
COLLEGE OF ENGINEERING AND TECHNOLOGY


(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

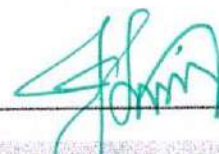


## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. DEVA. R  
has participated in INNOVATIVE AI PRODUCT DEVELOPMENT APPROACHES  
22/02/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



ANUVASAMURTHI, M.E., Ph.D.,

PRINCIPAL

Engineering & Technology

No.1, Muthupillai Palayam Road,

Sulthanpet Post,

Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

01/02/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.


**Sub :** Permission regarding the Seminar on “**BIG DATA ANALYTICS IN RESEARCH**”

Respected Sir,

This is to request that a Seminar titled “**BIG DATA ANALYTICS IN RESEARCH**” is planning to be organized on 08/02/2019. Kindly grant permission to conduct the event successfully. Your gracious presence would be much obliged.

Thanking you,



  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

Yours faithfully,

  
The HOD(IT).



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

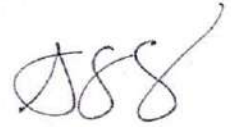
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/FEB 2019

Date : 04/02/2019

### CIRCULAR

On 8<sup>th</sup> February a seminar titled “BIG DATA ANALYTICS IN RESEARCH” in research is arranged. Students and Faculties of all the departments are invited for the seminar.


  
PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.C..  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110







# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

Name : Seminar on “BIG DATA ANALYTICS IN RESEARCH” in research

Date : 08/02/2019

The seminar delves into the realm of Big Data Analytics, exploring its applications, methodologies, and implications. Attendees gain insights into leveraging large volumes of data to extract valuable insights and make informed decisions. Expert speakers discuss data collection, storage, processing, and analysis techniques, highlighting the latest trends and tools in the field. Case studies showcase real-world applications across industries such as healthcare, finance, and marketing. Discussions also cover ethical considerations, privacy concerns, and regulatory compliance in big data analytics. By the seminar's conclusion, participants are equipped with knowledge and strategies to harness the power of big data for driving innovation and achieving business objectives.



Seminar on “BIG DATA ANALYTICS IN RESEARCH” in research on 08/02/2019

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	SELVAGANAPATHY.T	18TB1214	Selvaganapathy .T
2.	SIVA.A	18TB1215	Siva .A
3.	SIVARAJ.K	18TB1216	Sivaraj .K
4.	SIVASANKARAN.K	18TB1217	Sivasankaran
5.	VUBALANKA SAI VENKATA SRIRAM	18TB1218	Vu . .
6.	GOKULAKRISHNAN.S	18TBL087	Gokul
7.	ABDUL AJEES.M	19TB1201	Abdul ajees .M
8.	MUTHUKUMARAN.S	17TB3111	Muthukumaran .S
9.	NIHAL AHAMED.N	17TB3112	Nihal ahamed .n
10.	PATTAPPAN.S	17TB3114	Pattappan
11.	ARUNESHWAR. J	19TB1202	Arunes
12.	KARUNA MOORTHY.S	17TB3105	Karuna moorthy
13.	KUMARAGURU.C	17TB3106	Kumaraguru .C
14.	KUMARAVEL.K	17TB3107	Kumaravel .K
15.	MANIKANDAN.M	17TB3108	Mani .M
16.	PONNAMBALAM. E	19TB1208	Ponnambalam .E
17.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam .N
18.	DHAYANITHI.A	18TB1204	Dhayanithi .A
19.	EZHILARASAN.S	18TB1206	Ehil
20.	GANESH.M	18TB1207	Ganesh
21.	GNANASEKAR.S	18TB1208	Gnanasekar .S
22.	MOHAMAD ALLAUDDIN.A	17TB3110	

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

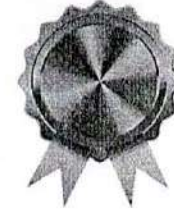
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





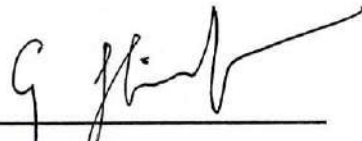
**RAAK**

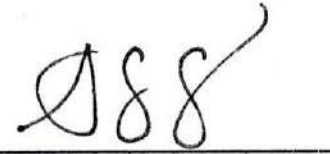
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

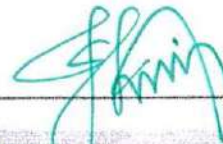


**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. SIVA. A  
has participated in BIG DATA ANALYTICS IN RESEARCH on  
09/09/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



**S. SEENUVASAMURTHI, M.E., Ph.D.**  
PRINCIPAL  
College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthana + Post  
Puducherry





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

25/01/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the workshop on “ETHICS IN SCIENTIFIC RESEARCH”

**Respected Sir,**

This is to request that a Workshop with the title “ETHICS IN SCIENTIFIC RESEARCH” is planning to be organized on 31/01/2019. This program is primarily crafted to enhance student’s knowledge. Kindly grant permission to conduct this event. Your gracious presence is requested for the same.

Thanking you,

Yours faithfully,  
HOD (IT).



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)


The HOD(IT).

RAAKCET/PRINCIPAL/CIR/JAN 2019

Date : 28/01/2019

### CIRCULAR

A workshop titled "ETHICS IN SCIENTIFIC RESEARCH" is organized on 31<sup>st</sup> January 2019. This workshop is constructed to enhance student's knowledge. Students of Final year of all the departments are invited for the workshop.

  
PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs



**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

Name : Workshop on "ETHICS IN SCIENTIFIC RESEARCH"

Date : 31/01/2019

The "Workshop on Ethics in Scientific Research" provided a forum for participants to explore the ethical considerations inherent in the research process. Through engaging discussions and case studies, attendees examined ethical dilemmas, responsible conduct guidelines, and principles governing human and animal research. Emphasis was placed on fostering a culture of integrity, transparency, and respect for research participants. Practical strategies for navigating ethical challenges, obtaining informed consent, and ensuring data confidentiality were shared. The workshop underscored the importance of upholding ethical standards in scientific inquiry to preserve trust, credibility, and societal impact. Participants left with a heightened awareness of ethical responsibilities and a commitment to ethical research practices.



Workshop on "ETHICS IN SCIENTIFIC RESEARCH" on 31/01/2019

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	KOWSAR BEGUM.A	17TD2011	Kowsar Begum . A
2.	NISHA ESWARI.M	17TD2012	Nisha Eswari . M
3.	PAVITHRA.S	17TD2013	Pavithra . S
4.	PRIYADHARSHINI.S	17TD2015	Priyadharshini . S
5.	RAGHUL.M	17TD2016	Raghul . M
6.	RANJANI.R	17TD2017	Ranjani . R
7.	ALEX ZANDER.C	17TDL024	Alex Zander . C
8.	DEVADHARSHINI.S	16TD3101	Devadharshini . S
9.	JEEVA.M	16TD3102	Jeeva . M
10.	SHASHANTHINI.V.R	16TD1037	Shashanthini . V.R
11.	AGATHIAN M	19TH0502	Agathian . M
12.	AJEETH A	19TH0503	Ajeeth . A
13.	ARAVINDKRISHNA S	19TH0504	Aravind . S
14.	ARUN T	19TH0505	Arun . T
15.	CHANDRAKUMAR. E	19TH0508	Chandrakumar . E
16.	DEVIBALA E	19TH0509	Devibala . E
17.	DHIYA B	19TH0510	Dhiya . B
18.	DIVYA S	19TH0511	Divya . S

Dr. S. SEENUVASAMURTHI, M.E., Ph.C.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



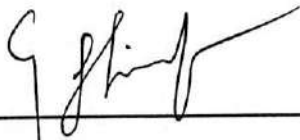


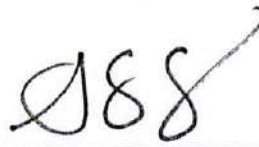
**RAAK**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



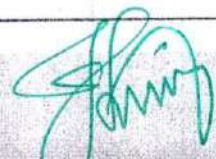
**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. PAVITHRA. S  
has participated in ETHICS IN SCIENTIFIC RESEARCH on  
31/01/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



  
**DR. S. SEENUVASAMURTHI, M.E., Ph.D.**  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

18/01/2019

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub : Permission regarding the Webinar on "PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT"**

**Respected Sir,**

This is to request a Webinar titled "PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT" is planning to be organized on 25/01/2019. This program is primarily created to enhance student's knowledge. kindly grant permission to conduct this event. Your cordial presence would be much gratified.

Thanking you,

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

**Yours faithfully,**

**The HOD(IT).**





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JAN 2019

Date : 21/01/2019

### CIRCULAR

On 25<sup>th</sup> January 2019 a webinar titled “**PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT**” is organized. All the Students of Second, Third and Final years of all the departments are invited for the webinar.

  
PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

Name : Webinar on “PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT”

Date : 25/01/2019

The webinar provides a comprehensive overview of the process of innovation development. Attendees explore the key stages of innovation, from ideation to implementation, highlighting best practices and methodologies for fostering creativity and driving progress. Expert speakers share insights on identifying market needs, conducting research, prototyping, testing, and refining innovative solutions. Through case studies and interactive discussions, participants gain practical strategies for navigating challenges and maximizing the potential for successful innovation outcomes. By the webinar's conclusion, attendees are equipped with a deeper understanding of the innovation development process and empowered to initiate and lead innovative projects with confidence.



Webinar on “PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT” on

25/01/2019

A handwritten signature in blue ink, likely belonging to Dr. S. Seenuvasamurthi.

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, New Delhi & Affiliated to Pondicherry University]

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	KARTHIKEYAN.M	17TB3104	Karthikeyan.M
2.	KARUNA MOORTHY.S	17TB3105	Karuna
3.	KUMARAGURU.C	17TB3106	Kumaraguru
4.	KUMARAVEL.K	17TB3107	Kumaravel.M
5.	MANIKANDAN.M	17TB3108	Mani
6.	MICHEAL JASS.R	17TB3109	Michael Jass.R
7.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allaudin.
8.	MUTHUKUMARAN.S	17TB3111	Muthu
9.	NIHAL AHAMED.N	17TB3112	Nihal Ahmad . N
10.	PATTAPPAN.S	17TB3114	Pattappan
11.	ARUNESHWAR. J	19TB1202	Aruneshwar.j
12.	DEVA. R	19TB1203	Deva.R
13.	MOHANDOSS. A	19TB1205	Mohando
14.	NANTHAKUMAR. S	19TB1206	Nan thak
15.	NARAYANA MOORTHY.S	19TB1207	Narayan .M
16.	PONNAMBALAM. E	19TB1208	Ponnambalam
17.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam.N
18.	DHAYANITHI.A	18TB1204	Dhayanithi
19.	EZHILARASAN.S	18TB1206	Ehil
20.	GANESH.M	18TB1207	Ganesh
21.	GNANASEKAR.S	18TB1208	Gnanasekar.S
22.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allaudin



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



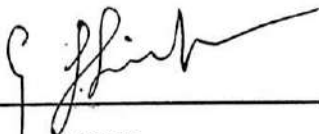
**RAAK**

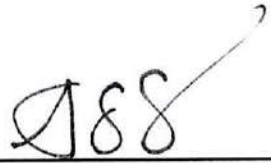
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. KARTHIKEYAN. M  
has participated in PROCESS OF INNOVATION AND PRODUCT DEVELOPMENT  
25/01/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL



  
**S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**  
College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

04/01/2019

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :Permission regarding the Workshop on “INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT”**

**Respected Sir,**

This is to request that a workshop titled “INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT” is planning to be organized on 11/01/2019. This program is primarily formed to enhance student’s awareness. Kindly grant permission to conduct this event. Your gracious presence would be much obliged.

Thanking you,

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

Yours faithfully,

**The HOD(IT).**





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JAN 2019

Date : 07/01/2019

### CIRCULAR

On 11<sup>th</sup> January a Workshop titled "INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT" is organized. Students of Final year of all the departments are invited for the workshop.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

#### Copy to :

1. All HODs





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Workshop on “INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT”

**Date :** 11/01/2019

The workshop offers a practical introduction to design thinking, focusing on prototype development as a key aspect of the process. Participants learn the fundamentals of design thinking methodology, including empathizing, defining, ideating, prototyping, and testing. Through hands-on activities and exercises, attendees gain insights into rapid prototyping techniques and tools. Facilitators guide participants in translating ideas into tangible prototypes, emphasizing iteration and feedback to refine designs. By the workshop's conclusion, participants acquire essential skills and confidence to apply design thinking principles in their projects and initiatives, fostering innovation and problem-solving in their respective domains.



**Workshop on “INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT” on**

**11/01/2019**

A handwritten signature in blue ink, likely belonging to Dr. S. Seenuvasamurthi.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL**

**RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110**







# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, New Delhi & Affiliated to Pondicherry University]

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	KOWS.R	18TB1211	Kows R
2.	MOHAMED IRSHATH.R	18TB1212	Mohamed Irshath.R
3.	SARANVEL.M	18TB1213	Saranvel.M
4.	SELVAGANAPATHY.T	18TB1214	Selvaganapathy
5.	SIVA.A	18TB1215	Siva.A
6.	SIVARAJ.K	18TB1216	Sivaraj.K
7.	SIVASANKARAN.K	18TB1217	Sivasankaran.K
8.	VUBALANKA SAI VENKATA SRIRAM	18TB1218	Vu..
9.	GOKULAKRISHNAN.S	18TBL087	Gokul
10.	ABDUL AJEES.M	19TB1201	Abdul Ajees
11.	ARUNESHWAR. J	19TB1202	Aruneshwar
12.	DEVA. R	19TB1203	Deva
13.	MOHANDOSS. A	19TB1205	Mohandoss.A
14.	NANTHAKUMAR. S	19TB1206	Nanthakumar.S
15.	NARAYANA MOORTHIS	19TB1207	Narayana Moorthy.S
16.	PONNAMBALAM. E	19TB1208	Ponnambalam
17.	AMEENUL ISLAM.N	18TB1202	Ameen
18.	DHAYANITHIA	18TB1204	Dhayanithi.A
19.	EZHILARASAN.S	18TB1206	Ezhil
20.	GANESH.M	18TB1207	Ganesh
21.	GNANASEKAR.S	18TB1208	Gnanasekar.S

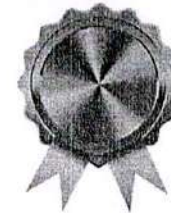
**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



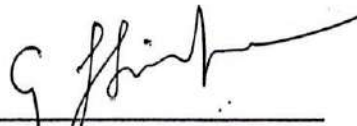


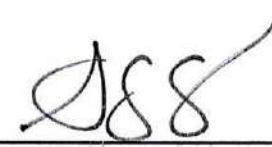
**RAAK**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

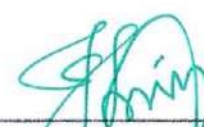


### CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Kows. R  
has participated in INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT  
11/01/2019 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
College of Engineering & Technology  
Mupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 010





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

12/10/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the seminar on “INNOVATION PROJECT IDEAS”

Respected Sir,

A seminar titled “INNOVATION PROJECT IDEAS” is planning to be organized on 19/10/2018. This program is primarily created to enhance student’s knowledge. Kindly grant permission to conduct this event. Your gracious presence would be much obliged.

Thanking you,

Yours faithfully,

The HOD(IT).



Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/OCT 2018

Date : 15/10/2018

### CIRCULAR

On 19<sup>th</sup> October 2018, a seminar titled “INNOVATION PROJECT IDEAS” for the benefit of students is organized. Students of all Second, Third and Final years are welcome to attend the seminar.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

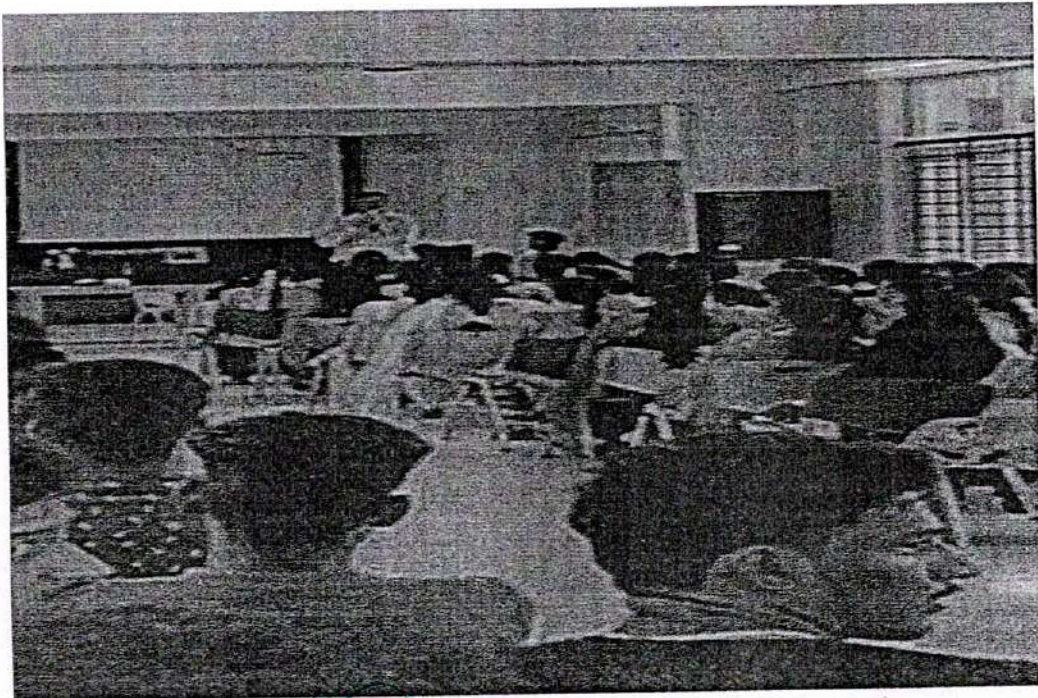
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on “INNOVATION PROJECT IDEAS”

**Date :** 19/10/2018

The seminar is a forum for generating and refining innovative project ideas across diverse domains. Participants engage in brainstorming sessions, exchanging insights and inspiration to spark creativity. Through interactive workshops and discussions, attendees explore emerging trends, market demands, and societal needs to identify potential project opportunities. Facilitators provide guidance on idea development, feasibility assessment, and implementation strategies. The seminar fosters collaboration and cross-disciplinary exchange, encouraging participants to think outside the box and push the boundaries of innovation. By the end, attendees leave with a repertoire of promising project concepts poised to make a positive impact in their respective fields.



Seminar on “INNOVATIVE PRODUCT PROTOTYPE DEVELOPMENT” on 19/10/2018

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, New Delhi & Affiliated to Pondicherry University]

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	SIVARAJ.K	18TB1216	Sivaraj.K
2.	SIVASANKARAN.K	18TB1217	Sivasankaran.K
3.	VUBALANKA SAI VENKATA SRIRAM	18TB1218	Vu -
4.	GOKULAKRISHNAN.S	18TBL087	Gokulkrishnan.S
5.	SIVA.A	18TB1215	Siva.A
6.	KARTHIKEYAN.M	17TB3104	Karthikeyan.M
7.	KARUNA MOORTHY.S	17TB3105	Karuna moorthy.S
8.	KUMARAGURU.C	17TB3106	Kumaraguru.C
9.	KUMARAVEL.K	17TB3107	Kumaravel.K
10.	MANIKANDAN.M	17TB3108	Manikandan.M
11.	MICHEAL JASS.R	17TB3109	Michael Jass.R
12.	PATTAPPAN.S	17TB3114	Pattappan.S
13.	PRAVEEN KUMAR.N	17TB3115	Praveen Kumar.N
14.	SIVA BALAN.P	17TB3116	Siva balan.P
15.	TAMIZHSELVAM.M	17TB3117	Tamizhselvan.M
16.	MOHANRAJ.V	17TBL099	Mohanraj.V
17.	KOWS.R	18TB1211	Kows.R
18.	MOHAMED IRSHATH.R	18TB1212	Mohamed Irshath.R
19.	SARANVEL.M	18TB1213	Saranvel.M
20.	SELVAGANAPATHY.T	18TB1214	Selvaganapathy.T

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

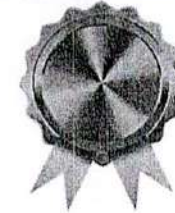
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





**RAAK**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. MOHANRAJ. V  
has participated in INNOVATION PROJECT IDEAS on  
19/10/2018 organized by RAAK college of Engineering and Technology.

HOD

PRINCIPAL

**Dr. S. SEENUVASAMURTHI, M.E., Ph.C.,**  
PRINCIPAL

College of Engineering & Technology  
No. 1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110.





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

28/09/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

Sub : Permission regarding the Seminar on "IPR-EMERGING ISSUES AND CHALLENGES"

Respected Sir,

This is to request that a Seminar titled "IPR-EMERGING ISSUES AND CHALLENGES" is planning to be organised on 05/10/2018. This program is mainly shaped to enrich student's awareness. Kindly grant permission to conduct this event. Your gracious presence would be much gratified.

Thanking you,



Dr. S. SEENUVASAMURTHI, M.E., Ph.C.-  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

Yours faithfully,  
The HOD(IT).





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, New Delhi & Affiliated to Pondicherry University]

RAAKCET/PRINCIPAL/CIR/OCT 2018

Date : 01/10/2018

### CIRCULAR

A Seminar titled "IPR-EMERGING ISSUES AND CHALLENGES" for the benefit of students is organized on 05<sup>th</sup> October 2018. Students and Faculties of all the departments are welcome for the workshop.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

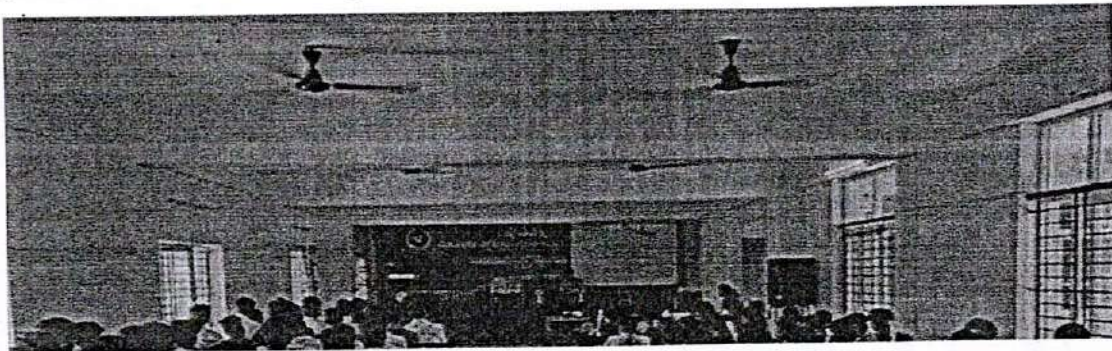
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on "IPR-EMERGING ISSUES AND CHALLENGES"

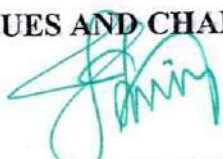
**Date :** 05/10/2018

The seminar on Intellectual Property Rights (IPR) - Emerging Issues and Challenges provided an in-depth exploration of the evolving landscape of IPR in today's dynamic world. Experts from various fields convened to discuss critical aspects such as patent laws, copyright regulations, and trademark protections. Key issues highlighted included the impact of digital technology on IP enforcement, the rise of artificial intelligence and its implications for patentability, and the challenges posed by global trade on IP rights. Speakers emphasized the need for robust legal frameworks to protect intellectual property in the digital age, where piracy and infringement are rampant. The seminar also addressed the importance of international cooperation in harmonizing IP laws to ensure fair trade practices and protect innovators across borders. Additionally, the role of IP in fostering innovation and economic growth was underscored, with discussions on how businesses can strategically manage their IP assets. Emerging trends, such as the integration of blockchain technology for IP management and the ethical considerations in biotechnological patents, were explored. The seminar concluded with a call for continuous adaptation of IP laws to keep pace with technological advancements and global market dynamics, ensuring the protection and promotion of intellectual property worldwide.



**Seminar on "IPR-EMERGING ISSUES AND CHALLENGES" on 05/10/2018**



  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	KOWS.R	18TB1211	Kows
2.	MOHAMED IRSHATH.R	18TB1212	Mohamed Irshath
3.	SARANVEL.M	18TB1213	Saranvel.M
4.	SELVAGANAPATHY.T	18TB1214	Selvaganpathy.T
5.	SIVA.A	18TB1215	Siva.A
6.	SIVARAJ.K	18TB1216	Sivaraj.K
7.	SIVASANKARAN.K	18TB1217	Sivasankaran.K
8.	VUBALANKA SAI VENKATA SRIRAM	18TB1218	V
9.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam.N
10.	DHAYANITHI.A	18TB1204	Dhayanithi.A
11.	EZHILARASAN.S	18TB1206	Ezhil
12.	GANESH.M	18TB1207	Ganesh
13.	GNANASEKAR.S	18TB1208	Gnanasekar
14.	DENNIS REGANNATHAN.J	17TB3102	Dennis
15.	GOVINDHAN.D	17TB3103	Govindhan
16.	KARTHIKEYAN.M	17TB3104	Karthikeyan.M
17.			
18.	KARUNA MOORTHY.S	17TB3105	Karuna moorthy
19.	KUMARAGURU.C	17TB3106	Kumaraguru.C
20.	KUMARAVEL.K	17TB3107	Kumaravel.K
21.	MANIKANDAN.M	17TB3108	Mani.M
22.	MICHEAL JASS.R	17TB3109	Michael Jass.R
23.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allaudin

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.

PRINCIPAL

RAAK College of Engineering & Technology

No.1, Muthupillai Palayam Road,

Sulthanpet Post,

Puducherry - 605 110






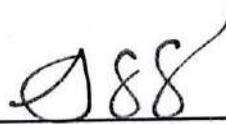
**RAAK**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



### CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. SARANVEL. M  
has participated in IPR- EMERGING ISSUES AND CHALLENGES on  
05/10/2018 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
PRINCIPAL

RAAK College of Engineering & Technology  
Muthupillai Palayam Road,  
Kannanur Post,  
Kannanur - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

14/09/2018

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub : Permission regarding the seminar on "ARTIFICIAL INTELLIGENCE RESEARCH AND ETHICS"**


**Respected Sir,**

This is to request a seminar titled "ARTIFICIAL INTELLIGENCE RESEARCH AND ETHICS" is planning to be organized on 21/09/2018. This program is primarily created to enhance student's knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

Thanking you,

Yours faithfully,



  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

  
The HOD(IT).



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/SEP 2018

Date : 17/09/2018

### CIRCULAR

This is to inform that we are going to conduct a seminar titled "ARTIFICIAL INTELLIGENCE RESEARCH AND ETHICS" for the benefit of students on 21<sup>st</sup> September 2018. All the students of Second, Third and Final years are invited for the seminar.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

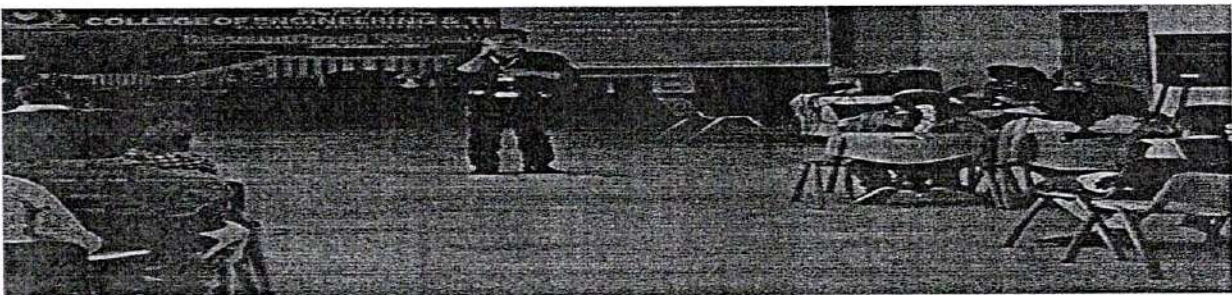
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on “ARTIFICIAL INTELLIGENCE RESEARCH AND ETHICS”

**Date :** 21/09/2018

The seminar on Artificial Intelligence (AI) Research and Ethics delved into the profound implications of AI advancements on society, exploring both the opportunities and ethical challenges posed by this transformative technology. Leading researchers and ethicists gathered to discuss critical topics such as AI's role in decision-making, privacy concerns, and the potential biases in AI algorithms. One of the central themes was the importance of transparency and accountability in AI development. Experts emphasized the need for creating AI systems that are not only effective but also fair and unbiased. The ethical implications of AI in areas such as healthcare, autonomous vehicles, and surveillance were scrutinized, highlighting the necessity of establishing clear guidelines and regulatory frameworks. Discussions also focused on the balance between innovation and ethical responsibility. The seminar addressed the potential for AI to exacerbate existing inequalities if not properly managed, and the importance of inclusive AI design that considers diverse perspectives and needs. The role of AI in augmenting human capabilities was acknowledged, alongside the imperative to safeguard against misuse and ensure that AI serves the broader good. The seminar concluded with a call to action for ongoing interdisciplinary collaboration, emphasizing the need for continuous ethical reflection and the development of robust policies to guide the responsible advancement of AI technologies.



**Seminar on “ARTIFICIAL INTELLIGENCE RESEARCH AND ETHICS” on 21/09/2018**



*[Signature]*  
**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	MANIKANDAN.M	17TB3108	Mani.M
2.	MICHEAL JASS.R	17TB3109	Michael Jass.R
3.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamed Allaudin
4.	MUTHUKUMARAN.S	17TB3111	Muthukumaran.S
5.	NIHAL AHAMED.N	17TB3112	Nihal Ahamed.S
6.	PRAVEEN KUMAR.N	17TB3115	Praveenkumar.N
7.	SIVA BALAN.P	17TB3116	Siva Balan.P
8.	RAGILAN R	15TB3108	Ragilan R
9.	RAJAKUMARAN R	15TB3109	Rajakumaran.R
10.	RAMKUMAR K	15TB3110	Ramkumar.K
11.	SURYA V	15TB3111	Surya.V
12.	VIGNESHWARAN P	15TB3112	Vigneshwaran.P
13.	HARISEENI VASALU N	15TBL086	Hariseeni Vasalu
14.	JAYACHANDAR M	15TBL087	Jayachandar
15.	RAJAVEL U	15TBL088	Rajavel.U
16.	AJAY.D	18TB1201	Ajay.D
17.	AMEENUL ISLAM.N	18TB1202	Ameenul
18.	RAJAVEL U	15TBL088	Rajavel.U

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

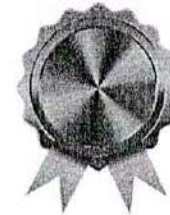






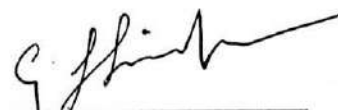
**RAAK**

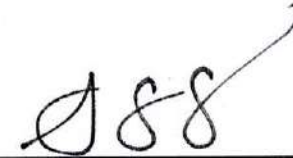
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

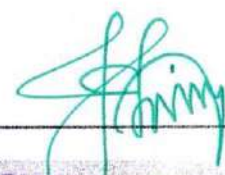


**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. MICHAEL JASS. R  
has participated in ARTIFICIAL INTELLIGENCE RESEARCH AND DESIGN  
21/09/2018 organized by RAAK college of Engineering and Technology.

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL





SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
College of Engineering & Technology  
No. 1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

## PERMISSION LETTER

From

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

31/08/2018

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the seminar on “MSME PROPOSAL WRITING”

**Respected Sir,**

This is to request that a seminar titled “MSME PROPOSAL WRITING” is planning to be organized on 07/09/2018. This program is primarily crafted to enhance student’s knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

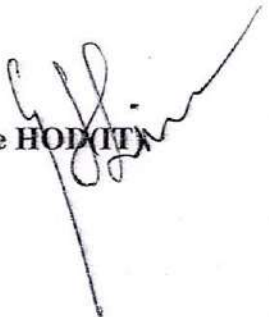
Thanking you,

Yours faithfully,



  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

The HOD(IT)





# RAAK

**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/SEP 2018

Date : 03/09/2018

## CIRCULAR

A seminar titled "MSME PROPOSAL WRITING" is planned for the benefit of students on 07<sup>th</sup> September 2018. All the students of Second, Third and Final years are invited for the seminar.

PRINCIPAL

### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

### Copy to :

1. All HODs





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

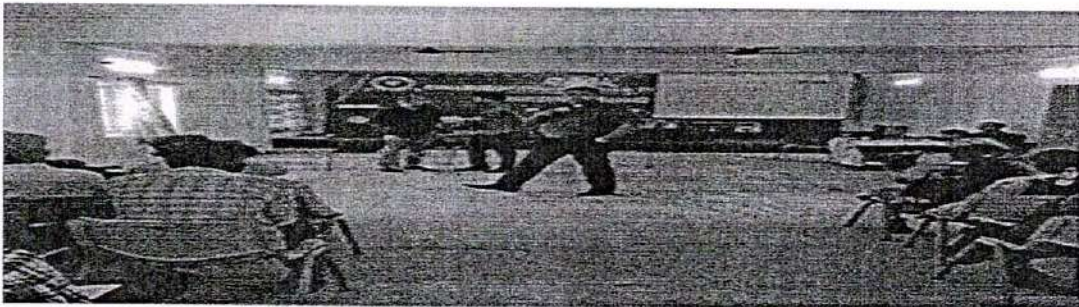
**Name :** Seminar on “MSME PROPOSAL WRITING”

**Date :** 07/09/2018

The seminar on MSME (Micro, Small, and Medium Enterprises) Proposal Writing provided valuable insights into the strategies and best practices for crafting compelling proposals to secure funding and support. Industry experts and experienced professionals guided participants through the essential components of a successful proposal, emphasizing clarity, precision, and persuasiveness. Participants learned about structuring proposals, with a focus on articulating the problem statement, outlining the proposed solution, and presenting a robust financial plan. The seminar also addressed common pitfalls in proposal writing, such as vague descriptions, unrealistic projections, and lack of supporting data, offering practical tips to avoid these errors.

Case studies of successful MSME proposals were analyzed, providing concrete examples and inspiration. The seminar emphasized the significance of storytelling in proposal writing, encouraging participants to create a compelling narrative that resonates with funders.

In conclusion, the seminar equipped attendees with the skills and knowledge needed to write effective MSME proposals, enhancing their ability to secure funding and drive their enterprises toward growth and success.



Seminar on “MSME PROPOSAL WRITING” on 07/09/2018

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

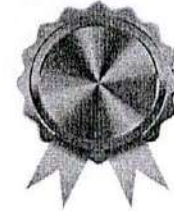
S.NO	Name	Student enrollment number	Student Signature
1.	MICHEAL JASS.R	17TB3109	Micha Jass.
2.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allaudin
3.	MUTHUKUMARAN.S	17TB3111	Muthuk
4.	NIHAL AHAMED.N	17TB3112	Nihal Ana
5.	PATTAPPAN.S	17TB3114	Pattappan
6.	PRAVEEN KUMAR.N	17TB3115	Praveen K
7.	SIVA BALAN.P	17TB3116	Siva Balan
8.	TAMIZHSELVAM.M	17TB3117	TamizhSelvam
9.	MOHANRAJ.V	17TBL099	Mohamraj
10.	PARTHIBAN.T	17TBL100	Parthi
11.	ABINAYA.E	17TC2201	Abinaya. E
12.	DHAYANITHI.A	18TB1204	Dhayanithi
13.	EZHILARASAN.S	18TB1206	Ezhil
14.	GANESH.M	18TB1207	Ganesh
15.	GNANASEKAR.S	18TB1208	Gnanasekar. S
16.	KIRAN.K	18TB1210	Kiran. K
17.	KOWS.R	18TB1211	Kows. R

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





**RAAK**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



### CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. KIRAN . k  
has participated in MSME PROPOSAL WRITING on  
07/09/2019 organized by RAAK college of Engineering and Technology.

HOD

PRINCIPAL

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 011





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

24/08/2018

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the seminar on “TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS”

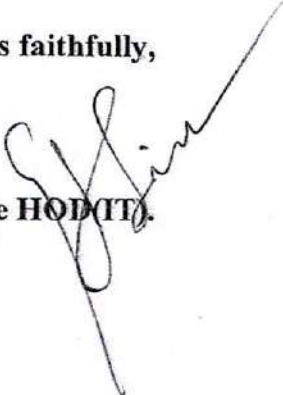
Respected Sir,

This is to request that a seminar titled “TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS” is planning to be organized on 31/08/2018. This program is primarily crafted to enhance student’s knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

Thanking you,

Yours faithfully,

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D..  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

  
The HOD (IT).





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/AUG 2018

Date : 27/08/2018

### CIRCULAR

On 31<sup>st</sup> August 2018, a seminar titled “TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS” is organized. All the students of Second, Third and Final years are invited for the event.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110







# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

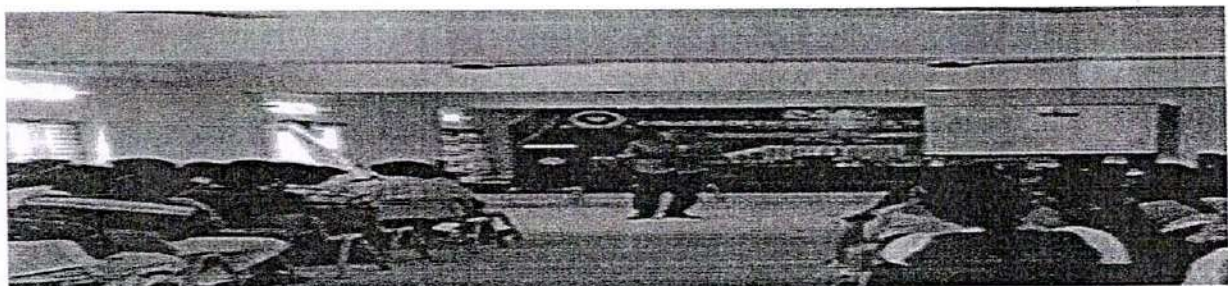
### REPORT

**Name :** Seminar on “TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS”

**Date :** 31/08/2018

The seminar on Trends and Developments of Intellectual Property Rights (IPR) provided an insightful overview of the evolving landscape of IPR in the context of global innovation and technological advancement. Renowned experts and practitioners discussed recent trends, legislative updates, and strategic developments in the field of IPR. Emerging issues such as the implications of AI on patentability, the protection of non-traditional trademarks, and the enforcement of copyrights in the digital era were thoroughly explored. Participants were briefed on recent international treaties and agreements aimed at harmonizing IPR laws and enhancing cross-border cooperation. Case studies of innovative companies were presented, showcasing effective strategies for managing and leveraging intellectual property portfolios to gain a competitive edge. The seminar also addressed the ethical considerations and societal impacts of IPR, promoting a balanced approach that fosters innovation while protecting creators' rights.

In conclusion, the seminar underscored the necessity for continuous adaptation and proactive measures to safeguard intellectual property in a rapidly changing global environment, ensuring that IPR remains a cornerstone of innovation and economic growth.



**Seminar on “TRENDS AND DEVELOPMENTS OF INTELLECTUAL PROPERTY RIGHTS” on 31/08/2018**



  
**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



RAAK

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	KARTHIKEYAN.S	18TB1209	Karthikeyan
2.	KIRAN.K	18TB1210	Kiran
3.	KOWS.R	18TB1211	Kows.R
4.	MOHAMED IRSHATH.R	18TB1212	Mohamed T. Irshath
5.	SARANVEL.M	18TB1213	Saranvel.M
6.	SELVAGANAPATHY.T	18TB1214	Selvagana
7.	SIVA.A	18TB1215	SIVA
8.	SIVARAJ.K	18TB1216	Sivaraj
9.	SIVASANKARAN.K	18TB1217	Sivasankaran
10.	AJAY.D	18TB1201	Ajay.D
11.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam
12.	DHAYANITHLA	18TB1204	Dhayanithla
13.	EZHILARASAN.S	18TB1206	Ezhil
14.	GANESH.M	18TB1207	Ganesh
15.	GNANASEKAR.S	18TB1208	Gnanasekar
16.	KIRAN.K	18TB1210	Kiran.K
17.	KOWS.R	18TB1211	Kows.R

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

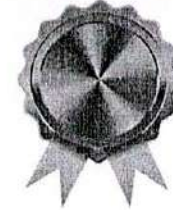
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110






# RAAK


COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. SIVARAJ.K  
has participated in TRENDS AND DEVELOPMENTS OF INTELLECTUAL on  
31/08/2018 organized by RAAK college of Engineering and Technology. PROPERTY  
RIGHTS

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

College of Engineering & Technology  
Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

10/08/2018

The HOD,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :Permission regarding the seminar on "STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES IN ABROAD"**

**Respected Sir,**

This is to request that a seminar titled "STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES IN ABROAD" is planning to be organized on 17/08/2018. This program is primarily crafted to enhance student's knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

Thanking you,

Yours faithfully,

The HOD(IT).

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/AUG 2018

Date : 13/08/2018

### CIRCULAR

A seminar titled “STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES IN ABROAD” is organized for the benefit of students on 17<sup>th</sup> August 2018. All the students of Final years are invited for the event.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

#### Copy to :

1. All HODs





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on “STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES IN ABROAD”

**Date :** 17/08/2018

The seminar on Startups and Entrepreneurship Opportunities Abroad offered a comprehensive guide for aspiring entrepreneurs seeking to expand their ventures internationally. Experts from various industries shared insights on the advantages and challenges of launching startups in foreign markets.

The seminar highlighted the importance of cultural intelligence and local market knowledge, emphasizing the need for thorough market research and adaptation of products and services to meet local demands. Legal considerations, such as intellectual property protection, compliance with local laws, and navigating different business environments, were also covered extensively.

Funding opportunities available to international startups were explored, including venture capital, angel investors, and government grants. Success stories of entrepreneurs who have successfully expanded abroad were shared, offering practical advice and inspiration.

Participants gained valuable insights into building a global network, leveraging digital platforms for international reach, and understanding the nuances of cross-border e-commerce. The seminar concluded with a call to embrace innovation, remain adaptable, and pursue global opportunities with confidence and strategic planning.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

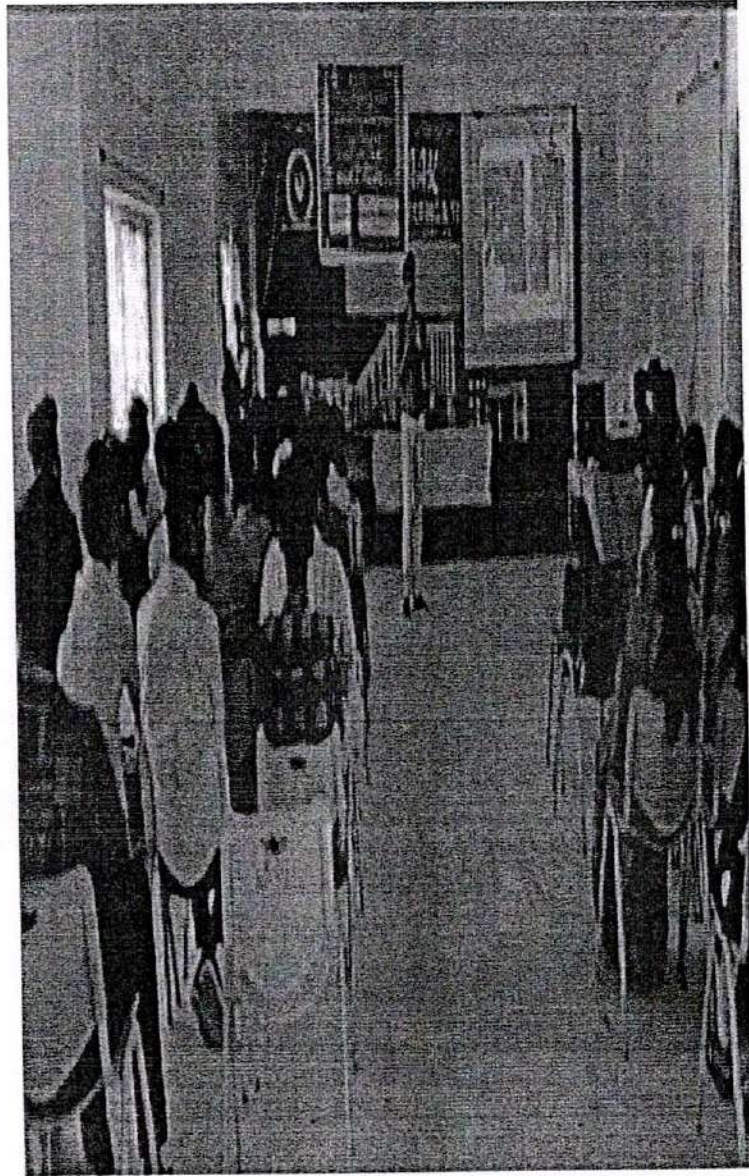




# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



Seminar on "STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES IN  
ABROAD" on 17/08/2018

A handwritten signature in blue ink, appearing to read 'S. Seenuvasamurthi'.

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	RAGILAN R	15TB3108	Ragilan . R
2.	RAJAKUMARAN R	15TB3109	Rajakumaran . R
3.	RAMKUMAR K	15TB3110	Ramm
4.	SURYA V	15TB3111	Surya V
5.	VIGNESHWARAN P	15TB3112	Vigneshwaran
6.	HARISEENI VASALU N	15TBL086	Hariseeni
7.	JAYACHANDAR M	15TBL087	Jayachand
8.	RAJAVEL U	15TBL088	Rajavel U
9.	AJAY.D	18TB1201	Ajay . D
10.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam . N
11.	DHAYANITHI.A	18TB1204	Dhayanithi . A
12.	EZHILARASAN.S	18TB1206	Ezhil
13.	GANESH.M	18TB1207	Ganesh . M
14.	GNANASEKAR.S	18TB1208	Gnanasekar . S
15.	KARTHIKEYAN.S	18TB1209	Karthikeyan . S
16.	KIRAN.K	18TB1210	Kiran . K
17.	KOWS.R	18TB1211	Kows . R
18.	RAJAVEL U	15TBL088	Rajavel . U

Dr. S. SEENUVASAMURTHI, M.E., Ph.C.  
PRINCIPAL

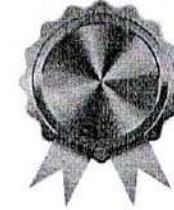
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





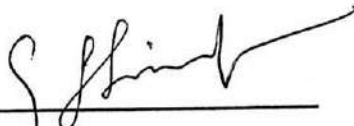


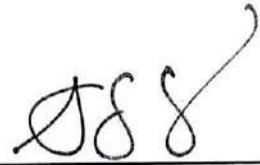
**RAAK**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



### CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. RAJILAN. R  
has participated in STARTUPS AND ENTREPRENEURSHIP OPPORTUNITIES on  
17/08/2018 organized by RAAK college of Engineering and Technology. IN ABROAD

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL

  
SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

03/08/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub : Permission regarding the seminar on "PRODUCTION OF NOISE FREE TRANSFORMER WITH HIGH EFFICIENCY AND LOW LOSSES-ENTREPRENEURSHIP INITIATIVE - ENTREPRENEURSHIP INITIATIVE".**

Respected Sir,

This is to request that a seminar titled "PRODUCTION OF NOISE FREE TRANSFORMER WITH HIGH EFFICIENCY AND LOW LOSSES-ENTREPRENEURSHIP INITIATIVE - ENTREPRENEURSHIP INITIATIVE" is planning to be organized on 10/08/2018. This program is primarily crafted to enhance student's knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much gratified.

Thanking you,

Yours faithfully,

The HOD(IT).

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/AUG 2018

Date : 06/08/2018

### CIRCULAR

On 10<sup>th</sup> August 2018, a seminar titled “**PRODUCTION OF NOISE FREE TRANSFORMER WITH HIGH EFFICIENCY AND LOW LOSSES- ENTREPRENEURSHIP INITIATIVE - ENTREPRENEURSHIP INITIATIVE**” is organized for the benefit of students on 10/08/2018. All the students and Faculties EEE and ECE departments are invited for the event.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on “PRODUCTION OF NOISE FREE TRANSFORMER WITH HIGH EFFICIENCY AND LOW LOSSES- ENTREPRENEURSHIP INITIATIVE - ENTREPRENEURSHIP INITIATIVE”.

**Date :** 10/08/2018

The seminar on the Production of Noise-Free Transformers with High Efficiency and Low Losses focused on innovative approaches to transformer manufacturing, aiming to enhance performance while reducing environmental impact. Industry experts and entrepreneurs discussed the latest advancements in transformer technology, emphasizing the significance of noise reduction and energy efficiency.

Key topics included the design and material innovations that contribute to quieter and more efficient transformers. Speakers highlighted the use of advanced magnetics materials, improved core designs, and superior winding techniques that minimize energy losses and noise emissions. The seminar stressed the importance of these features in meeting the growing demand for sustainable and eco-friendly power solutions.

The seminar also covered regulatory standards and certification processes for noise-free, high-efficiency transformers, ensuring compliance with international guidelines. The importance of R&D and continuous improvement in maintaining a competitive edge in this evolving market was underscored.

In conclusion, the seminar equipped attendees with the knowledge and resources to innovate in the transformer industry, fostering entrepreneurial initiatives that align with global trends in energy efficiency and environmental sustainability.

A handwritten signature in blue ink, appearing to read 'Selvarajamurthi', is written over the printed name of the principal.

**J. S. SELVARAJAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

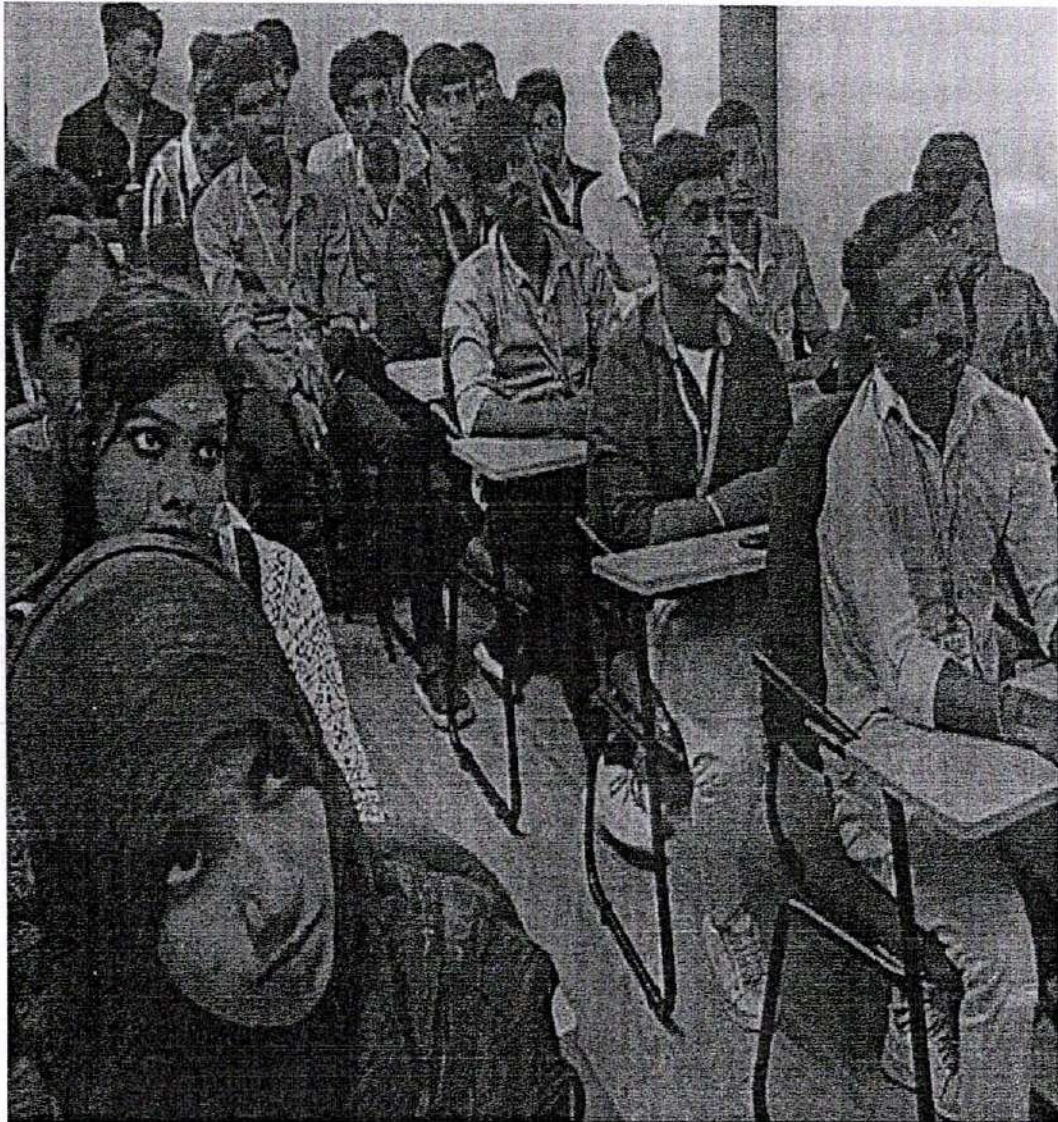




# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



Seminar on “PRODUCTION OF NOISE FREE TRANSFORMER WITH HIGH EFFICIENCY AND LOW LOSSES- ENTREPRENEURSHIP INITIATIVE - ENTREPRENEURSHIP INITIATIVE”. On 10/08/2018

A handwritten signature in green ink, which appears to read 'S. Seenuvasamurthi'.

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	AKILA.A	17TC2203	Akila.A
2.	NISHA.M	17TC2214	Nisha.M
3.	PRAVEEN KUMAR.K	17TD2014	Praveen kumar.K
4.	ARAVINDAKUMR. A	15TB3101	Aravind kumar.A
5.	ASHISH. R	15TB3102	Ashish.R
6.	GOWTHAMAN B	15TB3103	Gowthaman.B
7.	MANIKANDAN. R	15TB3104	Mani
8.	MOHAMED RIYAS S	15TB3105	Mohamed Riyas.S
9.	NIKHIL GANDHI S	15TB3106	Nikhil gander
10.	NOORDEEN ALU AHAMED M	15TB3107	Noordeen.M
11.	RAGILAN R	15TB3108	Ragilan.R
12.	RAJAKUMARAN R	15TB3109	Rajakumaran
13.	RAMKUMAR K	15TB3110	Ram.k
14.	SURYA V	15TB3111	Surya.V
15.	VIGNESHWARAN P	15TB3112	Vignesh .P
16.	HARISEENI VASALU N	15TBL086	Hariseen
17.	JAYACHANDAR M	15TBL087	Jaya .M
18.	RAJAVEL U	15TBL088	Rajavel.U

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

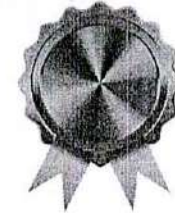
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





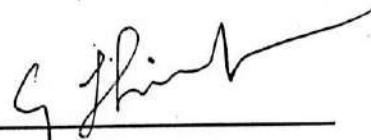
# RAAK

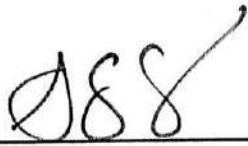
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

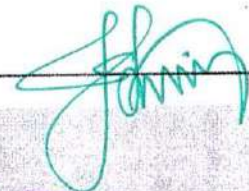


## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. AKILA - A  
has participated in Production noise Free Transformer with high efficiency and low losses  
10/08/2018 organized by RAAK college of Engineering and Technology. *enterpreneurship*  
*INITIATIVE*

  
\_\_\_\_\_  
HOD

  
\_\_\_\_\_  
PRINCIPAL





**S. SEENUVASAMURTHI, M.E., Ph.D.,**  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

27/07/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub :** Permission regarding the workshop on “RESEARCH METHODOLOGY AND ACADEMIC WRITING”

Respected Sir,

This is to request that a workshop titled “RESEARCH METHODOLOGY AND ACADEMIC WRITING” is planning to be organized on 03/08/2018. This program is primarily created to enhance student’s knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

Thanking you,

Yours faithfully,

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110







# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JUL 2018

Date : 30/07/2018

### CIRCULAR

On 3<sup>rd</sup> August 2018, a workshop titled “RESEARCH METHODOLOGY AND ACADEMIC WRITING” is organized. All the students of Final years are invited for the workshop.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

Name : Workshop on “RESEARCH METHODOLOGY AND ACADEMIC WRITING”

Date : 03/08/2018

The workshop on Research Methodology and Academic Writing provided participants with essential skills and knowledge for conducting rigorous research and producing high-quality academic work. Led by experienced academics and researchers, the workshop covered a comprehensive range of topics crucial for academic success. The session on research methodology delved into the fundamentals of designing and conducting research. Key areas included formulating research questions, choosing appropriate research designs, and employing both qualitative and quantitative methods. Participants learned about data collection techniques, sampling strategies, and the importance of ethical considerations in research.

Academic writing was another major focus of the workshop. Attendees were guided through the process of structuring research papers, developing clear and concise arguments, and adhering to academic standards and citation styles. Practical tips on improving writing clarity, coherence, and persuasiveness were shared, alongside strategies for effective literature reviews and critical analysis. Interactive sessions allowed participants to apply learned techniques to their own research projects, receiving feedback from peers and facilitators. The workshop concluded with a discussion on publishing strategies, including selecting appropriate journals, understanding the peer-review process, and addressing common challenges in getting research published. In summary, the workshop equipped participants with valuable tools and techniques for successful research and academic writing, fostering a deeper understanding of methodological rigor and effective communication in academia.

A handwritten signature in blue ink, likely belonging to Dr. S. Seenuvasamurthi.

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

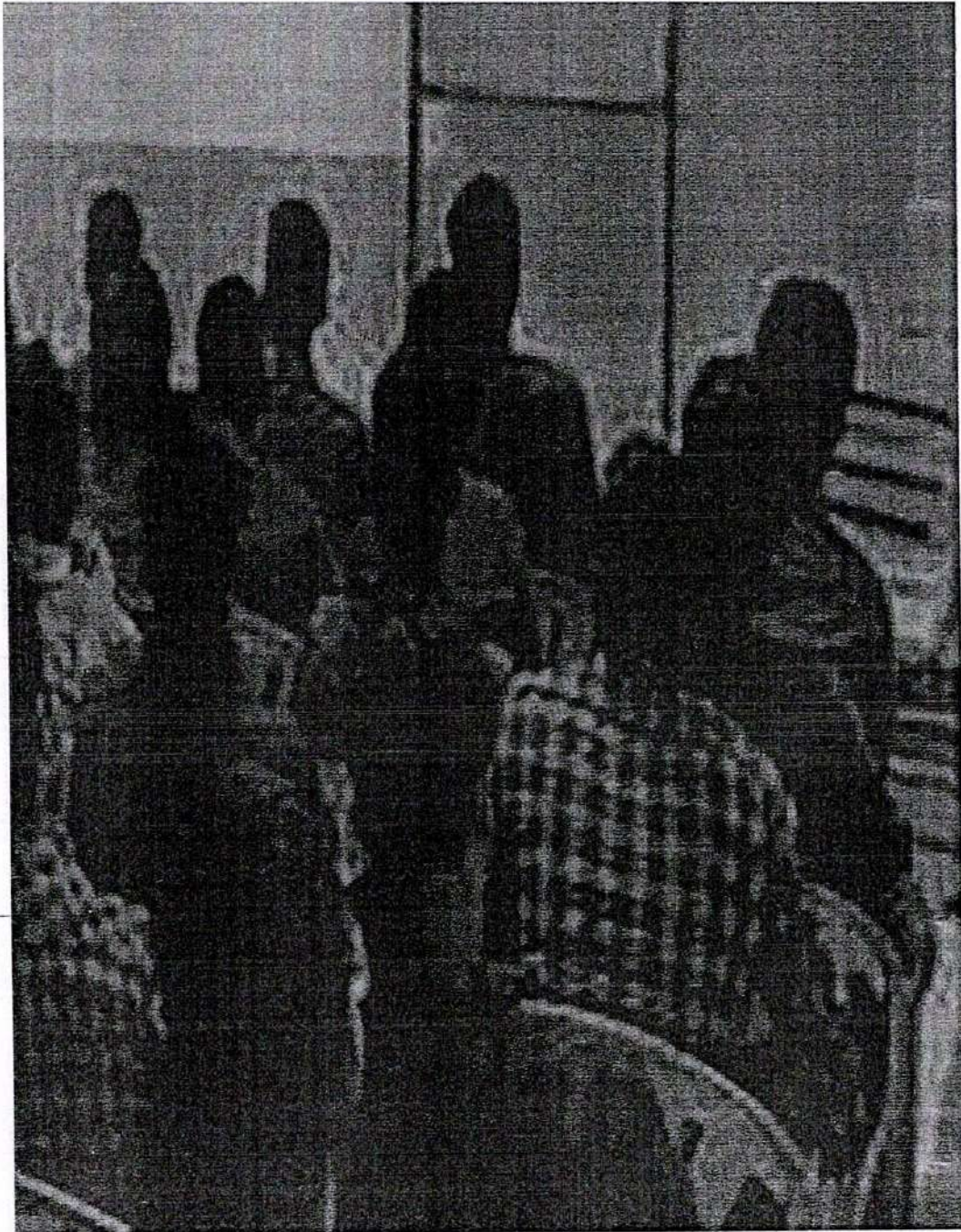




# RAAK

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



Workshop on "RESEARCH METHODOLOGY AND ACADEMIC WRITING" on

03/08/2018

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





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## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	AKASH.P	17TB3101	Akash.P
2.	DENNIS REGANNATHAN.J	17TB3102	Dennis regan
3.	GOVINDHAN.D	17TB3103	Govindhan.D
4.	KARTHIKEYAN.M	17TB3104	Karthikeyan.M
5.	KARUNA MOORTHY.S	17TB3105	Karuna Moorthy
6.	KUMARAGURU.C	17TB3106	Kumaravel
7.	KUMARAVEL.K	17TB3107	Kumaravel.K
8.	MANIKANDAN.M	17TB3108	Manikandan.K
9.	MICHEAL JASS.R	17TB3109	Michael Jass
10.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allaudin
11.	MUTHUKUMARAN.S	17TB3111	M Muthu Kum.S
12.	NIHAL AHAMED.N	17TB3112	Nihal Ahmed.N
13.	PATTAPPAN.S	17TB3114	Pattappan.S
14.	PRAVEEN KUMAR.N	17TB3115	Praveenkumar.
15.	SIVA BALAN.P	17TB3116	Sivabalan.P
16.	TAMIZHSELVAM.M	17TB3117	Tamizhselvam
17.	MOHANRAJ.V	17TBL099	Mohanrajov
18.	PARTHIBAN.T	17TBL100	Parthi
19.	ABINAYA.E	17TC2201	Abinaya.E
20.	AKILA.A	17TC2203	AKILA
21.	NISHA.M	17TC2214	Nisha

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

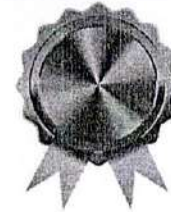
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Sulthampet Post





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**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. AKASHA.P  
has participated in RESEARCH METHODOLOGY AND ACADEMIC WRITING on  
03/09/2018 organized by RAAK college of Engineering and Technology.

HOD

PRINCIPAL

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**

College of Engineering & Technology  
No. 1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

20/07/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.

**Sub : Permission regarding the seminar on "COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA"**

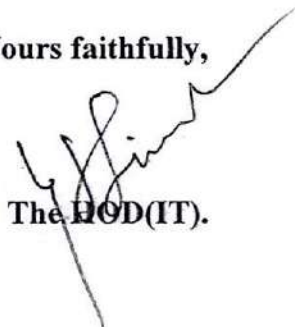
Respected Sir,

This is to request that a seminar titled "COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA" is planning to be organized on 27/07/2018. This program is primarily crafted to enhance student's knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much pleased.

Thanking you,

Yours faithfully,

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.C.,  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

  
The HOD(IT).





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JUL 2018

Date : 23/07/2018

### CIRCULAR

A seminar on “COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA” is organized on 27/07/2018. All the students of Second, Third and Final years are invited for the seminar.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.C.  
PRINCIPAL

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No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





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## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### REPORT

**Name :** Seminar on “COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA”

**Date :** 27/07/2018

The seminar on Copyright and Related Rights for the Digital Era provided an in-depth exploration of how digital advancements are reshaping copyright laws and practices. Experts in intellectual property law, digital media, and technology gathered to discuss the evolving challenges and opportunities in protecting creative works in a digital environment. The seminar began with an overview of traditional copyright principles and their application to digital content. Key topics included the protection of digital works, such as software, online publications, and multimedia content, and the complexities introduced by the internet and digital distribution. The discussion highlighted the necessity of updating legal frameworks to address issues like digital piracy, unauthorized streaming, and the ease of copying and sharing digital content. Speakers emphasized the importance of robust copyright protections in fostering creativity and innovation. They explored strategies for creators and businesses to safeguard their digital content, including digital rights management (DRM) systems, watermarking, and blockchain technology. The role of international treaties and cooperation in harmonizing copyright laws across borders was also examined. Emerging issues such as the impact of artificial intelligence on copyright, user-generated content, and the balance between copyright enforcement and free access to information were thoroughly explored. Case studies of recent legal battles and regulatory changes provided practical insights into current trends and future directions. The seminar concluded with a call for continuous adaptation of copyright laws to keep pace with technological advancements, ensuring fair protection for creators while enabling the growth of digital innovation. Attendees left with a comprehensive understanding of the challenges and strategies for managing copyright in the digital era.

A handwritten signature in blue ink, appearing to read 'S. Seenuvasamurthi', is written over the printed name and title.

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**  
**PRINCIPAL**  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110



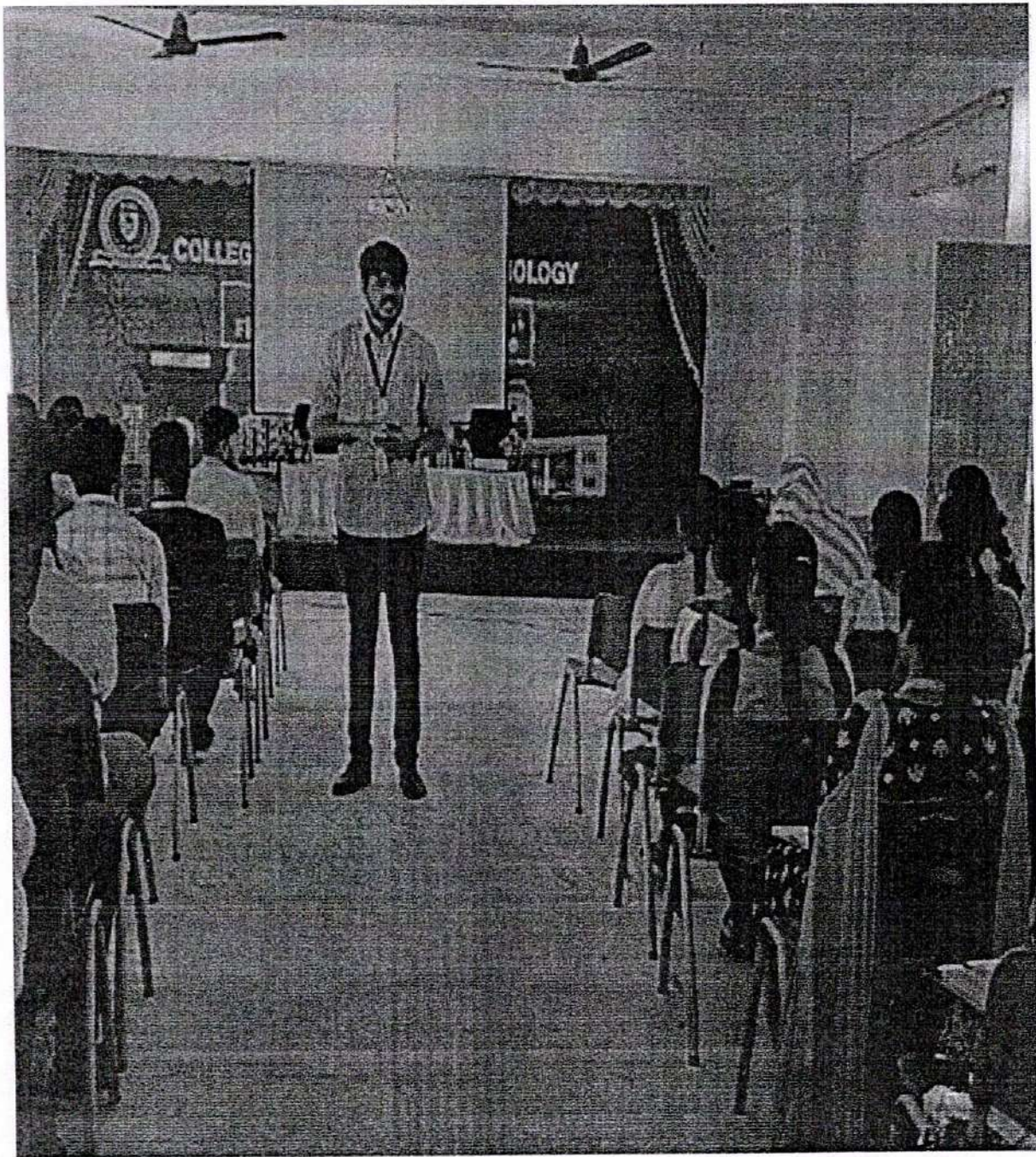




# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



Seminar on "COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA" on

27/07/2018

*S. Seenuvasamurthi*  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	AJAY.D	18TB1201	Ajay . D
2.	AMEENUL ISLAM.N	18TB1202	Ameenul Islam . N
3.	DHAYANITHI.A	18TB1204	Dhayanithi A
4.	EZHILARASAN.S	18TB1206	Ez hilarasan
5.	GANESH.M	18TB1207	Ganesh . M
6.	GNANASEKAR.S	18TB1208	Gnanasekar
7.	KARTHIKEYAN.S	18TB1209	Karthikeyan . S
8.	KIRAN.K	18TB1210	Kiran . K
9.	KOWS.R	18TB1211	Kows . R
10.	MOHAMED IRSHATH.R	18TB1212	Mohamed Irshath
11.	SARANVEL.M	18TB1213	Saranvel . M
12.	SELVAGANAPATHY.T	18TB1214	Selvaganapathy . T
13.	SIVA.A	18TB1215	Siva . A
14.	SIVARAJ.K	18TB1216	Sivaraj . K
15.	SIVASANKARAN.K	18TB1217	Sivasankaran . K
16.	VUBALANKA SAI VENKATA SRIRAM	18TB1218	V -

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.**

**PRINCIPAL**

RAAK College of Engineering & Technology

No.1, Muthupillai Palayam Road,

Sulthannet Post

Puducherry

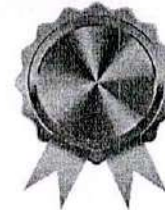




# RAAK

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. AJAY. D  
has participated in COPYRIGHT AND RELATED RIGHTS FOR DIGITAL ERA on  
27/07/2018 organized by RAAK college of Engineering and Technology.

HOD

PRINCIPAL

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL

College of Engineering & Technology  
Mannappillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### PERMISSION LETTER

From

06/07/2018

The HOD,  
Dept of IT,  
RAAKCET,  
Puducherry.

Puducherry.

To

The Principal,  
RAAKCET,  
Puducherry.


**Sub :** Permission regarding the seminar on “FEATURE EXTRACTION RESEARCH METHODS IN DIGITAL IMAGE PROCESSING”

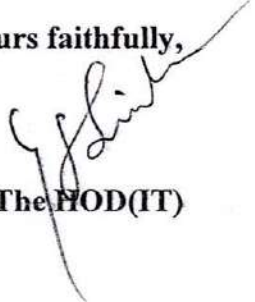
**Respected Sir,**

This is to request that a seminar titled “FEATURE EXTRACTION RESEARCH METHODS IN DIGITAL IMAGE PROCESSING” is planning to be organized on 13/07/2018. This program is primarily crafted to enhance student’s knowledge. Kindly grant permission to conduct the event successfully. Your gracious presence is much obliged.

Thanking you,

Yours faithfully,

  
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL  
RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
Sulthanpet Post,  
Puducherry - 605 110

  
The HOD(IT)





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

RAAKCET/PRINCIPAL/CIR/JUL 2018

Date : 09/07/2018

### CIRCULAR

On 13<sup>th</sup> July 2018 a seminar titled “FEATURE EXTRACTION RESEARCH METHODS IN DIGITAL IMAGE PROCESSING” is organized. All the students of CSE and IT departments are requested to attend the event.

PRINCIPAL

#### Circulation to:

1. All Student's
2. All Faculty and Staff members
3. All HODs

#### Copy to :

1. All HODs

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL  
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Puducherry - 605 110





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## COLLEGE OF ENGINEERING AND TECHNOLOGY

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### REPORT

**Name :** Seminar on “FEATURE EXTRACTION RESEARCH METHODS IN DIGITAL IMAGE PROCESSING”

**Date :** 13/07/2018

The seminar on Feature Extraction Research Methods in Digital Image Processing provided a comprehensive overview of the latest techniques and advancements in extracting meaningful features from digital images. Experts in the field of image processing and computer vision discussed both foundational methods and cutting-edge innovations.

The seminar began with an introduction to the importance of feature extraction in digital image processing, highlighting its role in various applications such as object recognition, image classification, and computer-aided diagnosis. Fundamental techniques such as edge detection, texture analysis, and color histograms were reviewed, providing a solid foundation for understanding more advanced methods.

The seminar also addressed practical challenges in feature extraction, such as dealing with noisy data, varying lighting conditions, and occlusions. Case studies demonstrated the application of these techniques in real-world scenarios, including medical imaging, remote sensing, and autonomous driving.

Interactive sessions allowed participants to gain hands-on experience with popular image processing tools and software. Discussions on the future directions of feature extraction research, including the integration of AI and machine learning, provided valuable insights into the evolving landscape of digital image processing.

In conclusion, the seminar equipped attendees with a thorough understanding of both traditional and modern feature extraction methods, empowering them to apply these techniques to their research and professional projects in digital image processing.



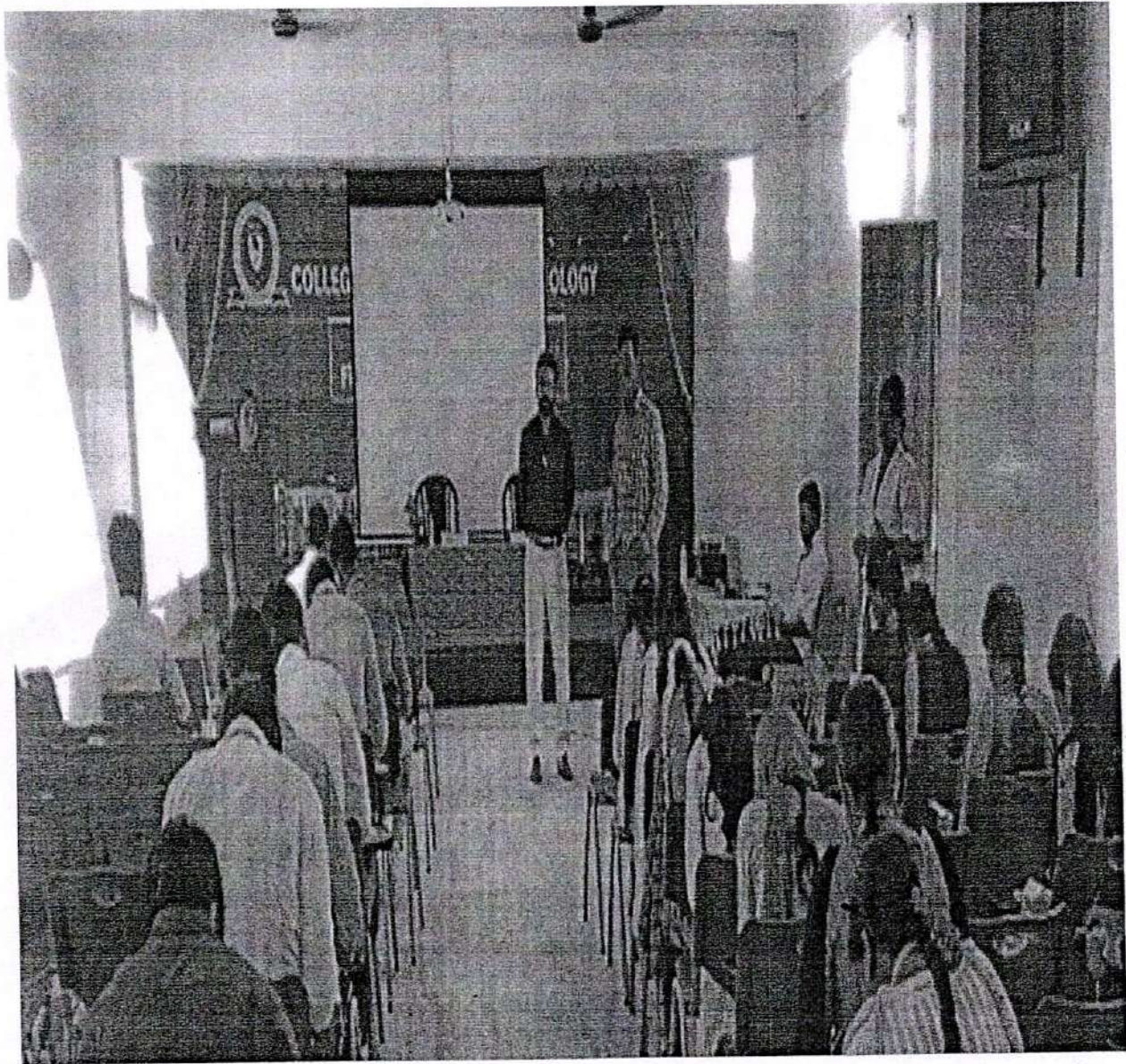
Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
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# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)



Seminar on "FEATURE EXTRACTION RESEARCH METHODS IN DIGITAL IMAGE PROCESSING" on 13/07/2018

**Dr. S. SEENUVASAMURTHI, M.E., Ph.D.,  
PRINCIPAL**

RAAK College of Engineering & Technology  
No.1, Muthupillai Palayam Road,  
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Puducherry - 605 110





# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

### Student Participated:

S.NO	Name	Student enrollment number	Student Signature
1.	AKASH.P	17TB3101	Akash .D
2.	DENNIS REGANNATHAN.J	17TB3102	Dennis Regan .J
3.	GOVINDHAN.D	17TB3103	Govindhan .D
4.	KARTHIKEYAN.M	17TB3104	Karthikeyan .M
5.	KARUNA MOORTHY.S	17TB3105	Karuna .M
6.	KUMARAGURU.C	17TB3106	Kumaraguru .C
7.	KUMARAVEL.K	17TB3107	Kumaravel .K
8.	MANIKANDAN.M	17TB3108	Manikandan .M
9.	MICHEAL JASS.R	17TB3109	Michael Jass .R
10.	MOHAMAD ALLAUDDIN.A	17TB3110	Mohamad Allauddin .A
11.	MUTHUKUMARAN.S	17TB3111	Muthukumaran .S
12.	NIHAL AHAMED.N	17TB3112	Nihal Ahmed .N
13.	PATTAPPAN.S	17TB3114	Pattappan .S
14.	PRAVEEN KUMAR.N	17TB3115	Praveen Kumar .N
15.	SIVA BALAN.P	17TB3116	Siva Balan .P
16.	TAMIZHSELVAM.M	17TB3117	TamizhSelvam .M
17.	MOHANRAJ.V	17TBL099	Mohanraj .V
18.	PARTHIBAN.T	17TBL100	Parthiban .T
19.	ABINAYA.E	17TC2201	Abinaya .E
20.	AKILA.A	17TC2203	Akila .A
21.	NISHA.M	17TC2214	NISHA .M

Dr. S. SEENUVASAMURTHI, M.E., Ph.D.  
PRINCIPAL

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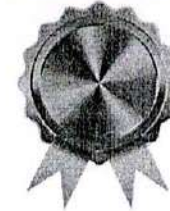




**RAAK**


**COLLEGE OF ENGINEERING AND TECHNOLOGY**

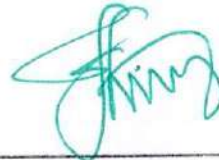
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

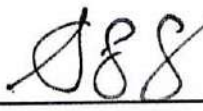


**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. SIVA BALAN.P  
has participated in FEATURE EXTRACTION RESEARCH METHODS IN on  
13/07/2018 organized by RAAK college of Engineering and Technology. DIGITAL  
IMAGE  
PROCESSING

  
\_\_\_\_\_  
HOD



  
\_\_\_\_\_  
PRINCIPAL

SEENUVASAMURTHI, M.E., Ph.D.

PRINCIPAL

College of Engineering & Technology

107, Manthapalayam Road,

Sulthanpet Post,

Puducherry - 605 110

