



# **K. RAMAKRISHNAN**

## **COLLEGE OF ENGINEERING**

### **An Autonomous Institution**

Permanently Affiliated to Anna University Chennai, Approved by AICTE New Delhi,  
ISO 9001:2015, 14001:2015 certified institution, Accredited by NBA and with A grade by NAAC  
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

### **ACADEMIC YEAR 2022-2023**

### **Presentation of Best Practices**

### **DEPARTMENT OF AI&DS**

#### **1. Title of the Practice**

Hackathon Contest

#### **2. Objectives of the Practice**

The main objective of the practice is to gain and share knowledge. Hackathon Contest helps the students to get Programming knowledge.

#### **3. The Context**

The best practices need contextual features like teamwork, Communication, resources, Leadership, etc. Without the team work, it cannot be practiced in a daily manner. It will be difficult to have best practices during the exam time or any other important activities if the students have. The evidences for best practices have to be recorded properly and daily. If the records for any day is missed, it will be difficult for future reference.

#### **4. The Practice**

In Hackathon Contest, Interested Students in the class got divided into groups and they chose one problem statement from the list of statements which were given. For that mentor was allotted and the students sent their solution for problem statement in the form of ppt. From that best teams were selected for finale. In the final stage, students had shown their implementation of the projects. Marks were awarded by jury members based on their performance in certain criteria manner. In this also best team will be selected and awarded with Cash prizes. This helps the students not only to overcome their stage fear but also can improve their Communication Skills, Leadership Skills, Team Coordination, Technical Skills and etc., Skills play a vital role in everyone's life. From these best practices, Students can able to know new technologies in each and every field, this may be the brain storming or eye-opening thing for them to choose their career in a better way.



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Samayapuram, Tiruchirappalli - 621 112, Tamilnadu, India.

### 5. Evidence of Success (with GEOTAG Photos)



### 6. Problems Encountered and Resources Required

The main resource requirement is time. These practices need some extra time as they happen in daily manner. If some extra time beyond the class time is allotted, then it will be more helpful for the students and staff as well.

HOD/AI&DS

**Dr. B. KIRAN BALA, M.E, M.B.A, Ph.D.**  
Head of the Department  
Department of Artificial Intelligence and Data Science  
K. Ramakrishnan College of Engineering (Autonomous)  
Samayapuram, Tirichirappalli - 621 112

PRINCIPAL

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(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112



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## **ACADEMIC YEAR 2022-2023**

### **Format for Presentation of Best Practices**

#### **DEPARTMENT -AIML**

##### **1. Title of the Practice**

Presentation Day

##### **2. Objectives of the Practice**

The main objective of the practice is to gain and share knowledge. Presentation Day will be held once in a semester which helps the students to get over their stage fear. And improve their team coordination and leadership skill. In Presentation day, Students will prepare an innovative topic related to their domain. It helps to improve their domain knowledge as well and helps the students to improve English fluency.

##### **3. The Context**

The best practices need contextual features like teamwork, Communication, resources, Leadership, etc. The evidences for best practices have to be recorded properly. Students to enhance their presentation skills using high-tech equipment's thus improving their ability to present information in a professional manner.

##### **4. The Practice**

The best practices like Presentation day. Every student will get a chance to present their topic. Name of the student and their topics will be recorded in the registers and the geo-tag photos as well. This makes the students to get good domain knowledge as well as language Knowledge. In Presentation Day, Students in the class will be divided into groups and they will choose one topic to present. For that mentor will be allotted and they will conduct rehearsal for the presentation. Marks will be awarded by jury members based on their performance in certain criteria manner. In this also best team will be selected and awarded. This helps the students not only to overcome their stage fear but also can improve their Communication Skills, Leadership Skills and etc., Skills play a vital role in everyone's life.



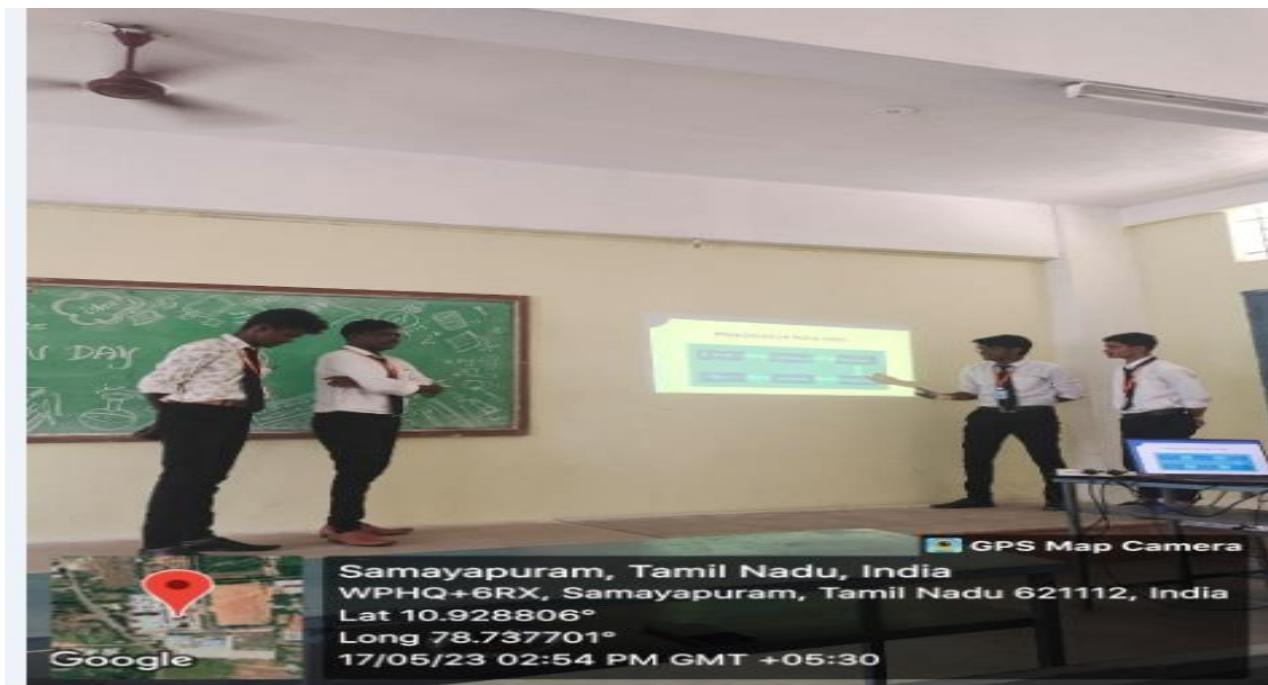
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From these best practices, Students can able to know new technologies in each and every field, this may be the brain storming or eye opening thing for them to choose their career in a better way.

## 5. Evidence of Success ( with GEOTAG Photos)





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### **6. Problems Encountered and Resources Required**

The main resource requirement is time. These practices need some extra time as they happen in daily manner. If some extra time beyond the class time is allotted, then it will be more helpful for the students and staff as well.

### **7. Notes (Optional)**

Students are guided by the staff for the presentation and with the technical things they need to know. Students are asked to prepare on the latest technological development.

HOD/AIML

**Dr. B. KIRAN BALA, M.E., M.B.A., Ph.D.**  
Head of the Department  
Department of Artificial Intelligence and  
Machine Learning  
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## ACADEMIC YEAR 2022-2023

### Presentation of Best Practices

## DEPARTMENT of ECE

## 1. Title of the Practice: Project allocation and Outcome Based Learning

## 2 Objectives of the Practice

Students are motivated and facilitated to develop projects which has been allocated from the faculties research problems to support the society requirements. This was carried out with the intention of improving the quality of projects and conversion rate of publications.

### 3. The Context

Students were generally given the choice to decide their project titles and project domains. But this will ended up with choosing low quality projects or they utilized external resources for executing the project.

#### 4. The Practice

To enhance the students skill and knowledge, this kind of practices are implemented. Hence every student did their project on their own using the expert guidance and the use of external resources were eliminated. Also, students were able to gain the technical expertise and tool knowledge from the expert guides.

## 5. Evidence of Success (with GEOTAG Photos)

The above newly introduced measures was readily evident in terms of publications. Several projects were converted to publications and presented in IEEE/International conferences. The evidence for conference presentation is attached herewith.

## 6. Problems Encountered and Resources Required

Implementing the research projects without the external guidance to get the accurate result is a major issue and challenges.

Mr. G. H. D.

Dr. Minerva

## PRINCIPAL

## PRINCIPAL

**K RamaKrishnan College of Engineering  
(Autonomous)**  
**Bamayapuram, Tiruchirappalli - 621 112**



VIT  
Vellore Institute of Technology  
(Deemed to be University under section 2(f) of UGC Act, 1956)



IEEE  
ViTECoN  
Madras Section

IEEE  
ComSoc  
IEEE Communications Society  
ViT Students Chapter &  
Madras Section



## 2<sup>nd</sup> IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies 2023 (ViTECoN'23)

IEEE Conference Record No : 5811

# CERTIFICATE OF PRESENTATION

This is to certify that Dr./Mr./Ms. D M DURGA

has presented the paper entitled ACS FED WITH FRACTAL ANTENNA USING DUAL BAND OPERATION FOR WIRELESS APPLICATION

in ViTECoN'23 organized by the School of Electronics Engineering (SENSE), Vellore Institute of Technology (VIT), Vellore - 632014, Tamil Nadu, India and in association with Prince Sultan University, Saudi Arabia, IEEE Madras Section, IEEE ComSoc-VIT Student Chapter & IETE on 5<sup>th</sup> & 6<sup>th</sup> May 2023.

S. N. Devi  
S. N. Devi

Conference Chair  
Dr. Renuga Devi S  
Professor -SENSE

G. Nirmala  
G. Nirmala

Conference Co Chair  
Dr.Kalaivani S  
Professor -SENSE

**VIT**  
Vellore Institute of Technology  
(Deemed to be University) under section 3 of the Act. No. 17 of 1960



جامعة السلطان سلطان  
PRINCE SULTAN  
UNIVERSITY

IEEE  
**ComSoc**  
IEEE Communications Society  
VIT Students Chapter &  
Madras Section

IEEE  
Madras Section

2

**2<sup>nd</sup> IEEE International Conference on**

**Vision Towards Emerging Trends in Communication and  
Networking Technologies 2023 (ViTECon'23)**

IEEE Conference Record No : 58111

# **CERTIFICATE OF PRESENTATION**

This is to certify that Dr./Mr./Ms. JANU PRIYAS

has presented the paper entitled Multiband E-Shaped Slotted Antenna of Substrate  
Integrated waveguide For Wireless Applications

in ViTECon'23 organized by the School of Electronics Engineering (SENSE), Vellore Institute  
of Technology (VIT), Vellore - 632014, Tamil Nadu, India and in association with Prince  
Sultan University, Saudi Arabia, IEEE Madras Section, IEEE ComSoc-VIT Student  
Chapter & IETE on 5<sup>th</sup> & 6<sup>th</sup> May 2023.

S. Remuga Devi S

Conference Chair  
Dr. Remuga Devi S  
Professor - SENSE

G. Nirmala

Conference Co Chair  
Dr. Kalaiavani S  
Professor - SENSE

S. Remuga Devi S

Organizing Chair  
Dr. Sivanantham. S  
Dean - SENSE



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### **ACADEMIC YEAR 2022-2023**

### **Presentation of Best Practices**

### **ELECTRICAL AND ELECTRONICS ENGINEERING**

#### **1. Title of the Practice**

Creating employment opportunities in core companies

#### **2. Objectives of the Practice**

- Increasing the Core company offered students count
- Exploring core companies in electrical domain

#### **3. The Context**

The needs of the company and the student's knowledge specialisation were a hurdle during the process. Managing academic schedule and arranging for the placement drive was also difficult.

#### **4. The Practice**

The scope for employment opportunities in Electric Vehicle sector was surveyed and the need for Electrical Engineers as trainees was explored.

Initiatives were carried out by fellow faculty members and after broad survey of companies in core sector; company was approached for placements by highlighting the strengths of the department.

Feedback from Alumni's was also obtained and taken into consideration for survey and also to explore for opportunities in core sectors.

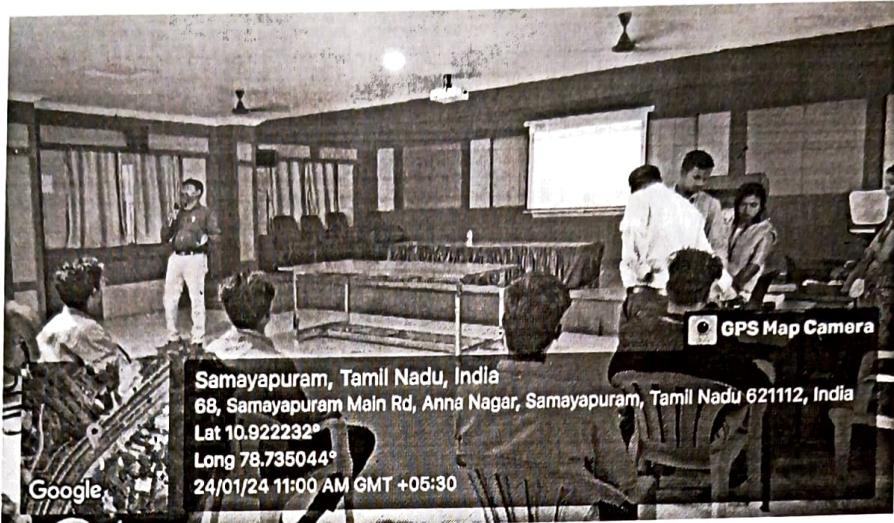


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## 5. Evidence of Success ( with GEOTAG Photos)



## 6. Problems Encountered and Resources Required

Identification of core companies and convincing them for conducting placement drive as an ON-campus drive was difficult.

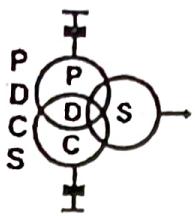
## 7. Notes (Optional) nil

HoD  
THE HOD

Department of EEE  
K. Ramakrishnan College of Engineering  
Samayapuram, Trichy - 621 112.

PRINCIPAL  
PRINCIPAL

K. Ramakrishnan College of Engineering  
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Samayapuram, Tiruchirappalli - 621 112



**PDCS Projects India Pvt. Ltd.** (An ISO 9001:2015 & ISO 14001:2015 Registered Company)  
Head Office : # C-27, J.J. Nagar, Mugappair East Industrial Area, Chennai - 600 037.  
Reg. Off : No. 6/317, Kamban Illam, J.J. Nagar, Mogappair East, Chennai - 600 037.  
Phone : 044 - 2656 0999, 2656 1376, E-mail : accounts@pdcsthindia.com

To ,

Date: 29/01/2024

Kind Attention: Mr. G. GABRIEL SANTHOSH KUMAR - EEE, HOD  
CC: The Placement Cell

K. RAMAKRISHNA GROUP OF INSTITUTIONS ,  
TIRUCHIRAPPALLI-621112

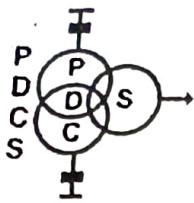
SUB- interview - Selected Engineers List - confirmation letter,

Sir/Madam

The following students were selected in PDCS PROJECTS INDIA PRIVATE LIMITED - through campus interview drive conducted at KSR College on 24/01/2024 - Tiruchirappalli as a testing and commissioning Engineer.

**BE-EEE-2024 batch**

S.NO	NAME	MOBILE NO	COLLEGE
1	MUGUNDHAN S	6369175458	K. RAMAKRISHNA GROUP OF INSTITUTIONS
2	MUKILAN. K	8608443641	K. RAMAKRISHNA GROUP OF INSTITUTIONS
3	ASHWIN KUMAR.C(2021 Batch)	6381910648	K. RAMAKRISHNA GROUP OF INSTITUTIONS
4	GUNASINGRAJ J	8870972298	K. RAMAKRISHNA GROUP OF INSTITUTIONS
5	KABILAN U S	9600450703	K. RAMAKRISHNA GROUP OF INSTITUTIONS
6	MANIKANDAN M	9344059441	K. RAMAKRISHNA GROUP OF INSTITUTIONS



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 Phone : 044 - 2656 0999, 2656 1376, E-mail : accounts@pdcsindia.com

8	AKASH S M	9087426865	K.RAMAKRISHNA GROUP OF INSTITUTIONS
	SECOND BATCH		
9	KARTHICK RAJA A	6381803647	K.RAMAKRISHNA GROUP OF INSTITUTIONS
10	GOKULAKRISHNAN S M	9791923365	K.RAMAKRISHNA GROUP OF INSTITUTIONS
	WAITING LIST		
1	B.SURYA	9629800683	K.RAMAKRISHNA GROUP OF INSTITUTIONS
2	M.MUKESH	8778839721	K.RAMAKRISHNA GROUP OF INSTITUTIONS
	BE-ECE-2024		
1	YOGESHWARAN VB	8300832067	K.RAMAKRISHNA GROUP OF INSTITUTIONS
2	V SHARVIN VIGNESH	9345469023	K.RAMAKRISHNA GROUP OF INSTITUTIONS
3	S RUSHIL KRISHNA	9360591862	K.RAMAKRISHNA GROUP OF INSTITUTIONS
4	R SANJAY KUMAR	8778353198	K.RAMAKRISHNA GROUP OF INSTITUTIONS

NOTE-TERMS AND CONDITIONS ARE AS PER THE COMPANY POLICY AS DISCUSSED DURING INTERVIEW.

For PDCS PROJECTS INDIA PVT LTD

Authorized Signatory





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Samayapuram, Tiruchirappalli - 621 112, Tamilnadu, India.

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

### **Best Practice (2022-23)**

#### **1. Title of the Practice**

Learning through Mini-Project

#### **2. Objectives of the Practice**

To bridge the gap between theoretical knowledge and practical application.

To prepare students for real-world challenges and equips them with the skills and experience needed to succeed in their field

To make use of the knowledge gained by the student at various stages of the degree programme.

To develop their own innovative prototype of ideas.

#### **3. The Context**

Defining the scope of the project and determining its complexity is tricky. Initially Students may encounter challenges related to lack of guidance and time which navigate them to the complex technical problems.

Depending on the nature of the project, students may encounter technical challenges like debugging errors, or working with unfamiliar technologies or tools.

#### **4. The Practice**

Students are encouraged to choose projects with their interest and skills want to develop. Faculty members are assigned as guide and support students throughout their mini project. Weekly four hours are given in the time table itself for the students to do their project and clarify their doubts

Essential technical resources, such as software, hardware, development environments, libraries, tutorials, Internet were provided to the students to support their project implementation. Students were encouraged to work in teams to promote teamwork, communication and division of tasks. The student was asked to submit a report and to present their idea at the end of semester based on the findings.



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## 5. Evidence of Success

All the II Year IT students trained with new technologies and platform like android to develop their project. They also learnt frontend and back end language to create website and software. The evidence of their project presentation was attached with this. The result indicates that the mini project helped the students with an opportunity to apply theoretical knowledge by implementing techniques in real world scenarios.

## 6. Problems Encountered and Resources Required

Initially it was difficult for the students to learn themselves and to use new platform to do project. Then by allocating some hours for doubt clarification, continuous monitoring of guides, providing tutorials about new technologies, now students are able to develop projects.

HOD-IT

**Dr. S. MANIKANDAN**  
Professor & Head  
Department of Information Technology  
K. Ramakrishnan College of Engineering  
Samayapuram, Trichy-621 112

Principal  
**PRINCIPAL**  
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### **ACADEMIC YEAR 2022-2023**

#### **Format for Presentation of Best Practices**

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

##### **1. Title of the Practice**

**SEMINAR ON INDUSTRIAL AUTOMATION**

##### **2. Objectives of the Practice**

**Understanding Automation Technologies:** Educating participants about the latest automation technologies, including robotics, PLCs (Programmable Logic Controllers), SCADA (Supervisory Control and Data Acquisition), and MES (Manufacturing Execution Systems).

**Exploring Applications:** Demonstrating real-world applications of automation in various industries such as manufacturing, automotive, aerospace, healthcare, and logistics.

##### **3. The Context**

The industrial automation seminar provides an important opportunity for experts, engineers, and enthusiasts to learn about cutting-edge innovations and trends in the sector. Attendees learn about robots, machine learning, the Internet of Things (IoT), and artificial intelligence (AI) as applied to industrial operations. Participants learn about the newest technology, best practices, and case studies that drive innovation and efficiency in manufacturing, logistics, and other industrial sectors through keynote presentations, panel discussions, and interactive workshops. Industry leaders offer their knowledge in implementing automation solutions to improve productivity, quality control, and safety while lowering costs and time to market. Furthermore, the seminar promotes networking opportunities, allowing delegates to meet with colleagues, industry experts, and solution providers to exchange ideas, form collaborations, and keep informed about emerging possibilities and problems in the dynamic world of industrial automation.



# K.RAMAKRISHNAN COLLEGE OF ENGINEERING

#### 4. The Practice

### Uniqueness

**Bridging Industry-Academia Gap:** Seminars in industrial automation serve as a bridge between academia and industry by exposing students and faculty to the latest technological advancements, industry trends, and best practices.

**Skill Enhancement:** They provide a platform for students to enhance their practical skills through hands-on workshops, case studies, and interactions with industry experts, thus making them more employable in a competitive job market.

**Fostering Innovation:** Industrial automation seminars encourage innovation and research in emerging technologies, empowering students and faculty to develop solutions to real-world industrial challenges.

### Constraints/Limitations:

**Limited Resources:** Constraints such as limited funding, infrastructure, and access to state-of-the-art equipment can hinder the organization of comprehensive seminars and workshops.

**Faculty Expertise:** The availability of faculty with expertise in industrial automation can be a limiting factor, as it requires specialized knowledge and training in areas such as robotics, PLC programming, and control systems.

**Curriculum Relevance:** The rapid pace of technological change in industrial automation necessitates frequent updates to curriculum and teaching methodologies to ensure that students are equipped with relevant skills and knowledge.



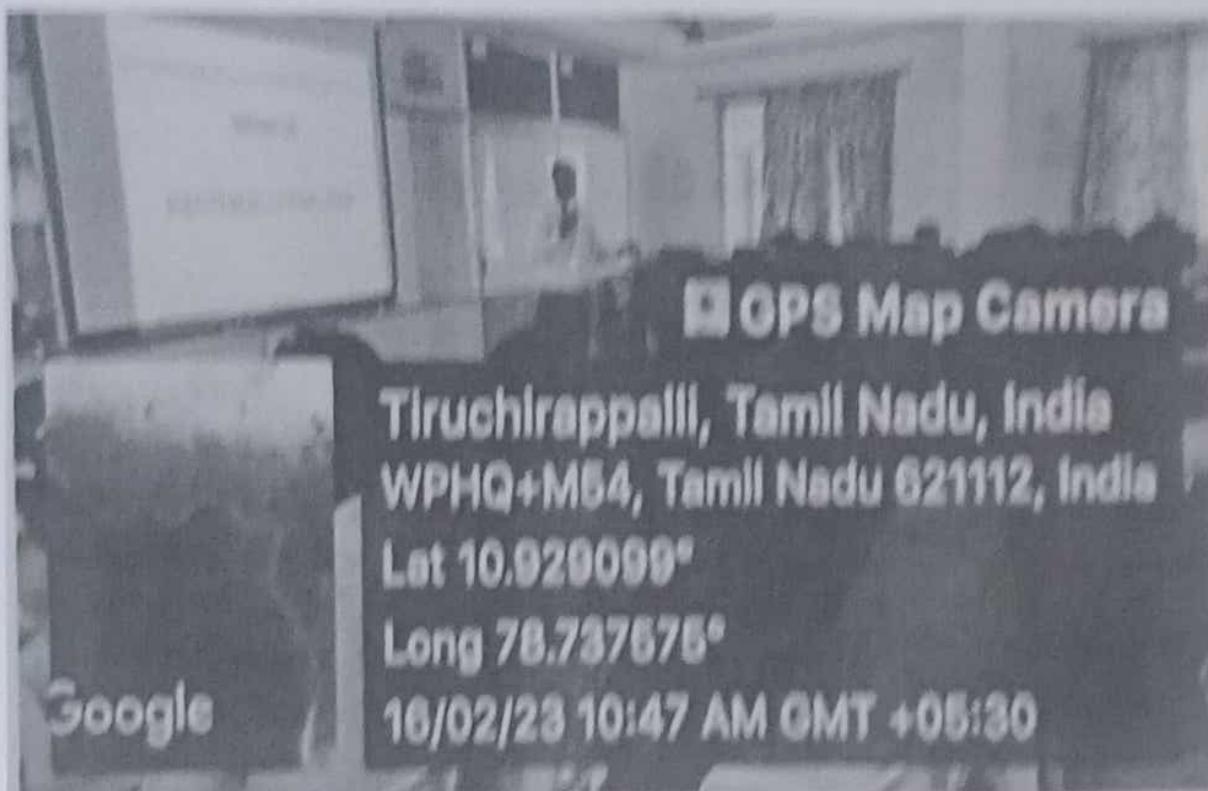
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### 6. Evidence of Success (with GEOTAG Photos)

Provide evidence of success such as performance against targets and benchmarks, review/results.

What do these results indicate? Describe in about 300 words.



**Participant Engagement:** Active involvement in sessions, workshops, and networking breaks indicates that attendees find the information interesting and useful. It implies that the seminar program matches with the attendees' interests and expectations, encouraging meaningful interaction and knowledge exchange.

**Post-Event Surveys and Testimonials:** Feedback gathered through post-event surveys, testimonials, or reviews assists organizers in determining general satisfaction levels, identifying areas for improvement, and gathering suggestions for future events. The positive feedback and recommendations indicate a successful outcome, reinforcing the overall success of the seminar.



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seminar's reputation as a vital venue for knowledge dissemination and professional development in industrial automation.

## 6. Problems Encountered and Resources Required

**Technology Infrastructure:** Obtaining appropriate technology infrastructure, such as demonstration equipment, software licensing, and simulation tools, can be costly and complicated.

**Resources Required:** Seek support from technology or equipment makers. Use existing university or industrial labs with automation technologies to conduct hands-on demos and workshops.

## 7. Notes (Optional)

NIL

HoD/Mechanical

**Dr. H. RAMAKRISHNAN, M.E.,Ph.D.,**  
Head of the Department  
Department of Mechanical Engineering  
K. Ramakrishnan College of Engineering  
Trichyirappalli, Tamil Nadu - 621 112.

Principal

**Dr. D. SRINIVASAN, B.E.,M.E.,Ph.D.,**  
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## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS** **ENGINEERING**

### **Best Practices**

#### **1. Title of the Practice**

Proactive way of operations: KAIZEN

#### **2. Objectives of the Practice**

- One main objective of Kaizen practice is to encourage department faculty members to effectively utilize available resources.
- Effective utilization also incorporates minimal usage of resources and to contribute more for the department.
- It also ensures all faculty members suggest the best solution to a problem and identify solution to the tasks assigned.

#### **3. The Context**

Main constraint or issues faced in this practice is the continuous implementation and awareness of all department faculty members to be aware of the opportunities to follow this best practice.

#### **4. The Practice**

Views and suggestions of all faculties are being considered and best kaizen for a month is chosen and awarded. It is circulated to all department HoD's through circular.

#### **5. Evidence of Success**

The effectiveness of this Kaizen practice is useful in minimizing the usage of resources like paper, following up 5s principles, new suggestion in education practices.

#### **6. Problems Encountered and Resources Required**

Based on each one's views, the usage of resources varies. Maximum utilization with minimal resources is the sole prime objective of this Kaizen practice.

#### **7. Notes (Optional)**

**NIL**

**HOD/EEE**  
Dr. K. DHAYALINI, M.E., Ph.D.,  
Professor & Head

Department of Electrical & Electronics Engineering  
K. Ramakrishnan College of Engineering,  
Samayapuram, Tiruchirappalli - 621112

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**K. RAMAKRISHNAN COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

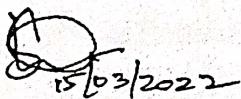
**SAMAYAPURAM, TRICHY - 621112**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
ENGINEERING**

**CIRCULAR**

This is to inform that **Dr. R. ILANGO** has awarded the **BEST KAIZEN AWARD** for the month

**FEBRUARY** in the year **2022**. We appreciate the work done by the faculty member to win the best kaizen award for the above mentioned month.



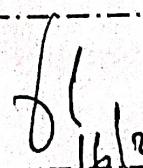
15/03/2022

**KAIZEN IN-CHARGE**



16/3/22

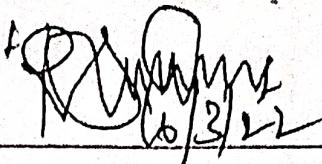
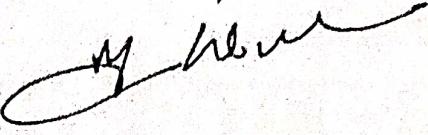
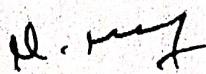
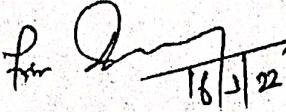
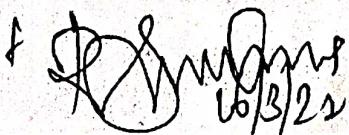
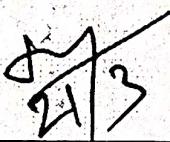
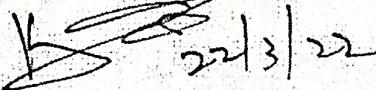
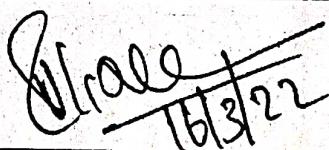
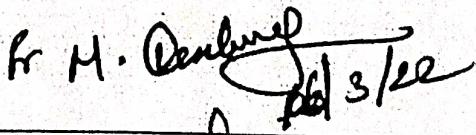
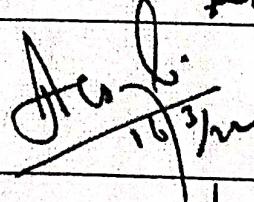
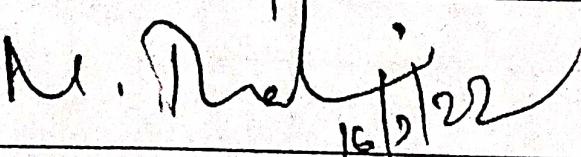
**HOD-EEE**



16/3

**PRINCIPAL**

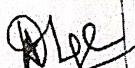
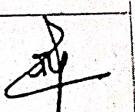
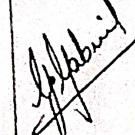
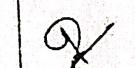
To circulate to all HoD's

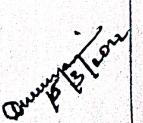
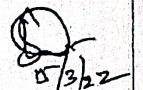
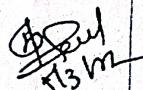
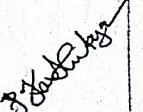
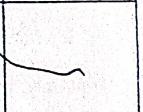
HoD-CSE	 16/3/22
HoD-ECE	 16/3/22
HoD-MECH	 16/3/22
HoD-MBA	 16/3/22
HoD-CSBS	 16/3/22
HoD-IT	 21/3
HoD-AI&DS	 22/3/22
HoD-ENGLISH	 16/3/22
HoD-MATHS	 16/3/22
HoD-PHYSICS	 16/3/22
HoD-CHEMISTRY	 16/3/22

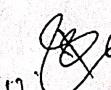
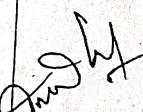
**K.RAMAKRISHNAN COLLEGE OF ENGINEERING(AUTONOMOUS), SAMAYAPURAM, TRICHY-621 112**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

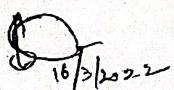
**CONSOLIDATED KAIZEN REPORT FOR FEBRUARY - 2022**

S.N O	STAFF NAME	Action Taken	Before Improvement	After Improvement	Idea Given By	Members	Implemented On	Signature
1	Dr. K. DHAYALINI	Encouraged and addressed III year students about the importance of learning other language for career development	Less students enrolled for the course	Many students realised the importance and more students enrolled for the course	Myself	III year students	24.02.2022	
2	Mr. A. SUBRAMANIYA SIVA	Planted herbal plants in department	No herbal plant is available	green environment was created & air also gets purified	Myself	1	15-2-2022	
3	Dr.S.TITUS	Organising events related to business opportunities	Technical events were planned	students gained additional knowledge about business scenarios	Myself	Dept. staff members and students	24.02.2022	
4	Dr.R. MANIVASAGAM	Created a parents whatsapp group for intimating the performance of the	We have to make call to the individual parent to intimate the performance of the student	Quick and easy way to intimate the performance of the students to the parents.	HoD madam	myself	26.02.2022	
5	Dr.R.ILANGO	Prepared soft copy of energy audit report template for filling purpose	no uniformity in reports also more time consumption	documentation is made easy with less time consumption	Myself	myself	15-02-2022	
6	Mr. G. GABRIEL SANTHOSH KUMAR	DATA COLLECTION FOR MONTHLY REPORT	Difficult to collect the data	EASY COLLECTION AND SEGREGATION OF DATA	Myself	Nil	FEBRUARY	
7	Mr. A. PRABHU	In addition to add content beyond the syllabus with laboratory manual.	We use only Anna University syllabus, format is not used.	New format is changed and LDIC lab syllabus now changed to regulation 2020 additional 2 experiments	Myself	Myself	24.02.2022	

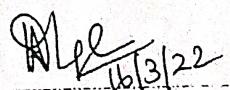
STAFF ID	STAFF NAME	Action Taken	Before Improvement	After Improvement	Idea Given By	Members	Implemented On	Signature
8	Mrs. A. DURGA DEVI	Updation of Profile	Unable to identify the events attended	Easy to consolidate the certificates	Myself	Myself	17.02.2022	
9	Mr.S.P.RICHARD			NIL				
10	Mr.P.VIGNESHWARAN	Soft copy of Name list and Timetable send to the respective subject handling faculty	Hard copy of Name list and Timetable send to the respective subject handling faculty	Paper wastage reduced	Myself	Myself and subject handling faculty	23.02.2022	
11	Mr. P. KARTHIKEYAN			NIL				
12	Mr.V.ASHOK KUMAR			NIL				
13	Ms.R.NITHYA			NIL				

IN D	STAFF NAME	Action Taken	Before Improvement	After Improvement	Idea Given By	Members	Implemented On	Signature
14	Mr.R.GOPALAKRISHNAN			NIL				
15	Mr.U.RAMANI	students profile	I gave local exam results details and end semester details	Students complete the students profile as early	my self	my self	28.2.2022	
16	Mr.T.M. NAVINKUMAR	Created New work sheet for contest details	No work sheets for Contest	Easily identify Contest Details, Contest date, total count of the students, and Etc.	HOD	73	28.02.22	
17	Ms. R.SUSHMITHA			NIL				

KAIZEN IN-CHARGE

  
16/3/2022

HOD-EEE

  
16/3/22



# **K. RAMAKRISHNAN**

## **COLLEGE OF ENGINEERING**

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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **1. Title of the Practice**

Industry Institute Interaction

### **2. Objectives of the Practice**

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

- To expose the Faculty members and students to industrial needs, thus enabling them to develop the skill set required for industries.
- To bridge the gap between industry and institute.
- To assist the students in placement and training activity.
- To invite industrial experts to deliver seminars/guest lectures in thrust areas.
- To sign Memorandum of Understanding between industries and institute.
- To build a strong connect with alumni serving as industrial experts.
- To facilitate Research and development, consultancy to solve industrial problems.

### **3. The Context**

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

Industry-academia interaction is an important process in engineering curricula in providing necessary inputs to the academic institute in order for faculty and students to develop the competencies required by industry. Interaction with industrial experts enables the students to enhance their skill sets to meet the industry needs for global and societal problems.

**Challenging Issues:** Identifying thrust/emerging areas for industry talks.



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## **4. The Practice**

Describe the practice and its uniqueness in the context of India higher education.  
What were the constraints / limitations, if any, faced (in about 400 words)?

**Uniqueness:** Job opportunities, research domains, skill set to be acquired for industrial needs..

**Constraints:** Student technical knowledge was not to the mark. So faculty had to give initial pre-talks on the topic for maximum benefit to students.

## **5. Evidence of Success**

Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 200 words.

- Interns were provided subsequent to the various industry institute talks.
- Core job and higher studies, entrepreneurs were significantly improved.

## **6. Problems Encountered and Resources Required**

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

**Problems Encountered:** Identifying resource persons in the emerging areas was difficult.

**Resources Required:** Training software/hardware had to be arranged in prior for successful completion of the event.

*Chennai*  
HOD-ECE  
**Dr. M. MAHESWARI, M.Tech., Ph.D.,**  
Professor & Head  
Department of ECE  
K. Ramakrishnan College of Engineering  
Samayapuram, Tiruchirappalli - 621 112, Tamilnadu, India.

*Dr. Vinil Vaidyanathan*  
**PRINCIPAL**  
**PRINCIPAL**  
K. Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112.



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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

## EVIDENCE OF SUCCESS AND IMPLEMENTATION

EVENT NAME: WEBINAR ON THE FIRST STEP OF AN IT PROFESSIONAL

VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY

DATE OF START: 14.05.2020

DATE OF END: 14.05.2020

No. of PARTICIPANTS: 30

No. of RESOURCE PERSONS: 1

The invitation card features a dark blue circular logo on the left with a white 'KR' monogram. To the right is the college's crest and text: 'K. RAMAKRISHNAN COLLEGE OF ENGINEERING (Autonomous)', 'ISO 9001:2015 Certified Institution, Accredited with 'A' grade by NAAC', and 'Samayapuram, Trichy, TamilNadu'. Below this, the text 'Department of Electronics and Communication Engineering (Accredited by NBA)' is displayed. The main text in the center reads: 'Cordially Invites you To Take Part In WEBINAR on THE FIRST STEP OF AN IT PROFESSIONAL'. A yellow box labeled 'Resource Person' contains a photo of Mr. Navaneetha Krishnan Balakrishnan, described as a 'Junior Software Engineer, IVTL INFOVIEW Technologies PVT.LTD. Chennai.' The bottom of the card provides details: 'Date : 14.05.2020 Timing : 11.00AM -12.00 PM', 'Maximum of 80 Participants Only', and 'First Come First Basis'. At the bottom, the names and titles of the organizing staff are listed: Dr.M.MAHESWARI (HOD/ECE), Dr.D.SRINIVASAN (Principal), Dr.S.KUPPUSAMY (Executive Director), and Dr.K.RAMAKRISHNAN (Chairman).

Dr.M.MAHESWARI HOD/ECE      Dr.D.SRINIVASAN Principal      Dr.S.KUPPUSAMY Executive Director      Dr.K.RAMAKRISHNAN Chairman



# **K. RAMAKRISHNAN**

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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

## **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “The First Step Of An IT Professional” On 14.05.2020. The webinar was delivered by the resource person Mr.B.Navaneetha Krishnan, Junior Software Engineer , IVTL Infoview Technologies Pvt.Ltd, Chennai .He is an Alumni of ECE department. Dr.D.Srinivasan, Principal of K.Ramakrishnan College of Engineering presided over the function. The welcome address was presented by Dr M.Maheswari, HOD/ECE, KRCE to address and welcome the gathering .Thirty faculty members and students of second and third year took active participation in the webinar. The webinar was structured in such a way that it helped the students to equip with the skillset required to start their career in IT industry. The students were explained in brief about the coding concepts, web resources to excel in coding and the softskills required to enter into IT company. The session was quite interactive.



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i

## THE FIRST STEP OF AN IT PROFESSIONAL

Joining info

[meet.google.com/vci-drsk-kiy](https://meet.google.com/vci-drsk-kiy)

Share

Attachments (0)

Google Calendar attachments show up here



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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

**EVENT NAME: WEBINAR ON BUILD UP CARRIER IN EMBEDDED CORE INDUSTRY**

**VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY**

**DATE OF START: 17.05.2020**

**DATE OF END: 17.05.2020**

**No. of PARTICIPANTS: 71**

**No. of RESOURCE PERSONS: 1**

### **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “Build Up Career In Embedded Core Industry” On 17.05.2020. The webinar was delivered by the resource

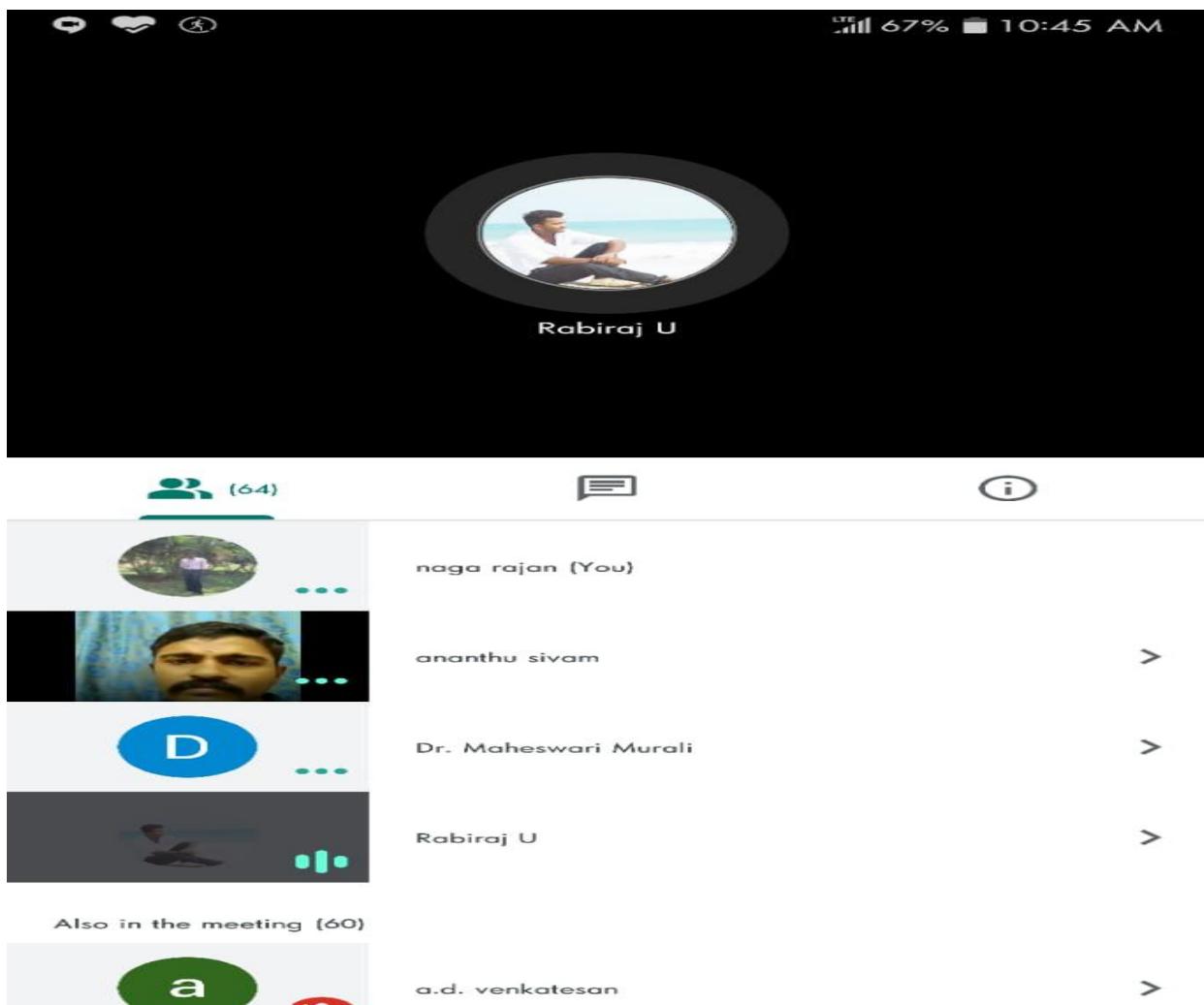


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person Mr.U.Rabiraj, Embedded Software Engineer ,Merrakey Engineering Solutions, Bangalore .He is an Alumni of ECE department .Dr.D.Srinivasan, Principal of K.Ramakrishnan College of Engineering presided over the function.The welcome address was presented by Dr M.Maheswari, HOD/ECE, KRCE to address and welcome the gathering .Thirty faculty members and students of second and third year took active participation in the webinar. The webinar was structured in such a way that it helped the students to equip with the skillset required to start their career in Embedded core industry. The students were explained in brief about the programming concepts of Embedded C, Real Time Operating systems, core concepts of Embedded systems.The students were very contented because this webinar was a great occasion for them to learn about many interesting facts related to Embedded System.





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**EVENT NAME: WEBINAR ON OPPORTUNITIES IN PUBLIC SECTORS THROUGH GATE EXAM**

**VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY**

**DATE OF START: 23.05.2020**

**DATE OF END: 23.05.2020**

**No. of PARTICIPANTS:61**

**No. of RESOURCE PERSONS: 1**

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Samayapuram, Trichy, TamilNadu

**Department of Electronics  
and Communication Engineering**  
(Accredited by NBA)

*Cordially Invites you*  
To Take Part In

**WEBINAR on  
OPPORTUNITIES IN  
PUBLIC SECTORS THROUGH  
GATE EXAM**

**Resource Person**

**Mr.S.Sivakumar**  
Director of GATEFORUM,  
Trichy.

**Date : 23.05.2020      Timing : 2.30PM -3.30 PM**  
**Open to all department students of KRCE**

**Dr.M.MAHESHWARI      Dr.D.SRINIVASAN      Dr.S.KUPPUSAMY      Dr.K.RAMAKRISHNAN**  
HOD/ECE      Principal      Executive Director      Chairman

## **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “OPPORTUNITIES IN PUBLIC SECTOR THROGH GATE EXAM” On

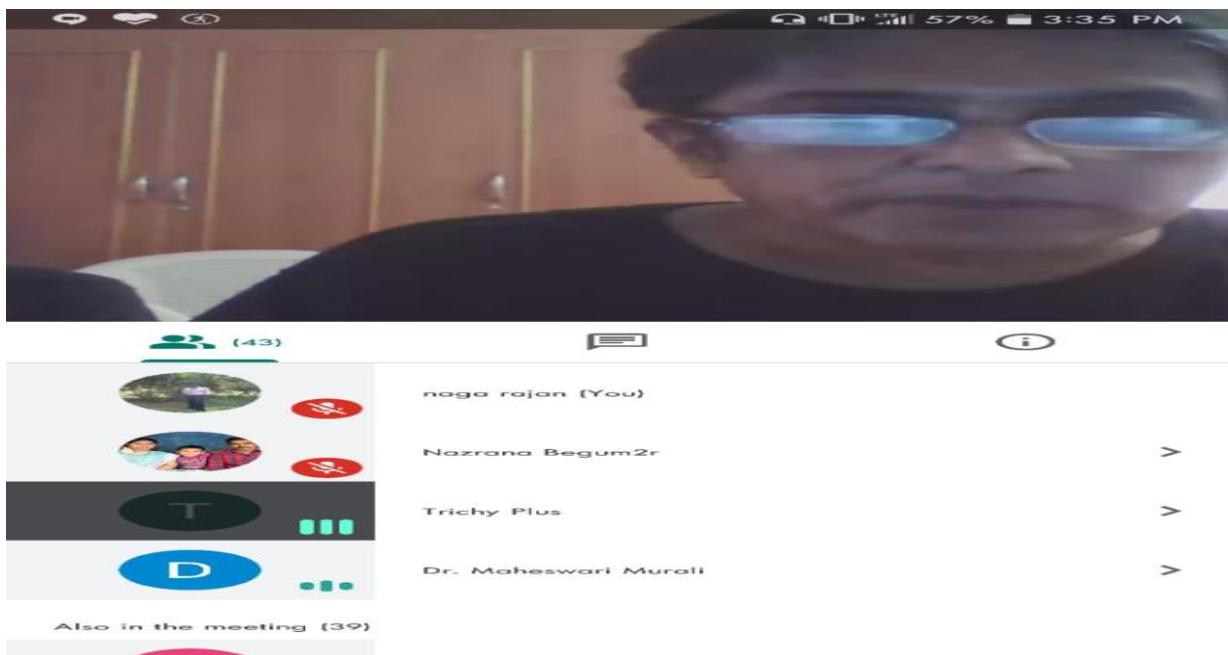


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23.05.2020. The webinar was delivered by the resource person Mr.S,Sivakumar, Director/GATEFORUM, Trichy.Dr.D.Srinivasan, Principal of K.Ramakrishnan College of Engineering presided over the function.The welcome address was presented by Dr M.Maheswari, HOD/ECE, KRCE to address and welcome the gathering .A total of 61 members including the Faculty and students from various departments took active participation in the webinar. The webinar emphasize the importance of GATE score for admissions in premier institutes ,career opportunities in public sectors ,higher studies in abroad and benefits of GATE score. The students were motivated highly to make use of the GATE score to avail the stipends and scholarships for higher studies and research work.





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The screenshot shows a video conference interface. At the top, there is a presentation slide featuring a woman in a black dress with the text 'Psychologist, Trainer, Author, Entrepreneur & Speaker'. Below the slide, the interface displays a list of participants. The first participant is 'Dr. Maheswari Murali' (50 participants), followed by 'Trichy Plus' (NEW) and another 'Trichy Plus' participant. At the bottom, it shows 'Also in the meeting (46)' with a participant 'abarna r'.

Psychologist, Trainer, Author, Entrepreneur & Speaker

Dr. Maheswari Murali

Trichy Plus

Trichy Plus

Also in the meeting (46)

abarna r



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**EVENT NAME: WEBINAR ON INDUSTRY INSTITUTE INTERACTION**

**VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY**

**DATE OF START: 01.08.2020**

**DATE OF END: 01.08.2020**

**No. of PARTICIPANTS: 100**

**No. of RESOURCE PERSONS: 2**



## **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “Industry Institute Interaction” on 01.08.2020 (both morning and afternoon). The webinar was delivered by two resource persons Mr. P. Srikanth, Senior Analog Design Engineer, Power Management group, IC Design, Chennai and Mr. K. Karthikeyan, Senior Physical Design

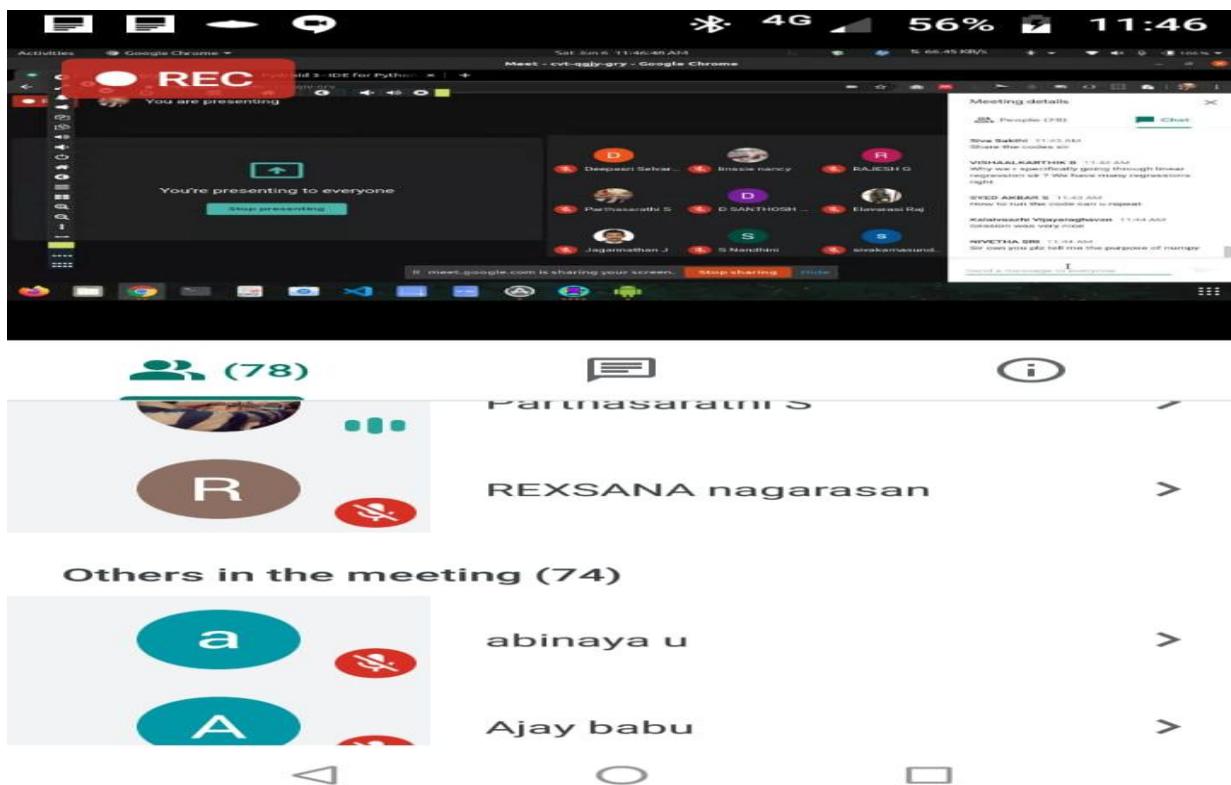


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Engineer, Apex Semiconductor, Bangalore. Dr. M. Maheswari, HOD/ECE, K.Ramakrishnan College of Engineering presided over the function. The welcome address was presented by Dr. B. Viswanathan, Associate Professor/ECE, KRCE to address and welcome the gathering. Nearly 100 students from second and third year plus faculty members took active participation in the webinar. The focus of both the webinars was on core ECE industry opportunities for students. The webinar in the morning focussed on Analog IC design while the webinar in the afternoon focussed on Digital IC design. The students got to know certain technical aspects of the industry plus the various engineering roles with the VLSI industry and how the work is being done as top-down approach, tools the students need to master to enter the industry etc. Overall, the students were exposed to the VLSI field from a top level from which they can kick start and develop their interests. The session was interactive since students usually don't get opportunities in core ECE fields like VLSI.





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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

**EVENT NAME: WEBINAR ON HANDS ON PCB BOARD DESIGN**

**VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY**

**DATE OF START: 14.08.2020**

**DATE OF END: 14.08.2020**

**No. of PARTICIPANTS: 82**

**No. of RESOURCE PERSONS: 1**

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**Department of Electronics and  
Communication Engineering**  
(Accredited by NBA)

*Cordially Invites you*  
To Take Part In  
**Webinar on  
“ Hands on  
PCB board design”**

**Resource Person**

**Mr. Samuel Felix,**  
Manager and Senior Designer,  
Matz PCB Design, Trichy.

**Date : 14.08.2020   Timing : 10.00 AM**

**Open for all Students of ECE - KRCE**

**Dr.M.MAHESWARI   Dr.D.SRINIVASAN   Dr.S.KUPPUSAMY   Dr.K.RAMAKRISHNAN**  
HOD/ECE   Principal   Executive Director   Chairman



# **K. RAMAKRISHNAN**

## **COLLEGE OF ENGINEERING**

### **An Autonomous Institution**

Permanently Affiliated to Anna University Chennai, Approved by AICTE New Delhi,  
ISO 9001:2015, 14001:2015 certified institution, Accredited by NBA and with A grade by NAAC  
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

## **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “Hands on PCB Design” on 14.08.2020. The webinar was delivered by Mr. Samuel Felix, Manager and Senior Designer, Matz PCB Design, Trichy. Dr. M. Maheswari, HOD/ECE, K.Ramakrishnan College of Engineering presided over the function. The welcome address was presented by Dr. B. Viswanathan, Associate Professor/ECE, KRCE to address and welcome the gathering. Nearly 82 students from second and third year plus faculty members took active participation in the webinar. The focus of webinar was on PCB design with a hands-on-tool based flow using Altium PCB design software. Many students working on DIY hobby electronics projects procure components from outside but they rarely do it themselves. This webinar provided them a good insight into how PCB design is being done, where it is used, importance of PCB design in the VLSI domain etc. Plus a hands-on-tool flow was also given as an introduction in Altium. PCB design being one of the critical step in the VLSI product design process, this webinar helped interested students increase their core ECE opportunities in the VLSI domain.





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**EVENT NAME: INDUSTRY 4.0 and AI BASED ROBOTICS FOR SMART MANUFACTURING INDUSTRIES**

**VENUE: K.RAMAKRISHNAN COLLEGE OF ENGINEERING, SAMAYAPURAM,TRICHY**

**DATE OF START: 21.10.2020**

**DATE OF END: 21.10.2020**

**No. of PARTICIPANTS: 75**

**RESOURCE PERSONS :1**

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**DEPARTMENT OF ECE**  
(ACCREDITED BY NBA)

In Association with  
**"IETE Students Branch"**  
organizes  
Webinar on

**"INDUSTRY 4.0 AND AI BASED  
ROBOTICS FOR SMART  
MANUFACTURING INDUSTRIES"**

**RESOURCE PERSON**  
**MR. P. SARAVANAN**  
RESEARCH SPECIALIST  
CFY DEANSHIP,  
KING SAUD UNIVERSITY,  
RIYADH, SAUDI ARABIA

**OCT 21, 2020 | 6-7.30 PM**  
**MICROSOFT TEAMS**

Students & Faculty of all Engineering Fields

Registration is free

Limited Seats/Based on First Come First Serve

Click to Register: <https://forms.gle/PFuFYULSJWi4Dt497>

Dr. M. Maheswari  
Head - ECE

Dr. D. Srinivasan  
Principal

Dr. S. Kuppusamy  
Executive Director

Dr. K. Ramakrishnan  
Chairman



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#### **REPORT**

The Department of ECE, K.Ramakrishnan college of Engineering, Trichy has organized a webinar on “Industry 4.0 And Ai Based Robotics For Smart Manufacturing Industries” on 21.10.2020. The webinar was delivered by Mr. P. Saravanan, Research Specialist, CFY Deanship, King Saud University, Riyadh, Saudi Arabia. Dr. M. Maheswari, HOD/ECE, K.Ramakrishnan College of Engineering presided over the function. The welcome address was presented by Ms. S. Rajapriya, Assistant Professor/ECE, KRCE to address and welcome the gathering. Nearly 75 students from second and third year plus faculty members took active participation in the webinar. The focus of webinar was on artificial intelligence and IoT based real time applications. This webinar provided them a good insight into how AI technology being carried out, where it is used, importance of Industry 4.0 etc. Plus some real time examples and also future scope of Artificial Intelligence has been discussed. This webinar has created interest among students regarding core ECE opportunities in the AI domain.



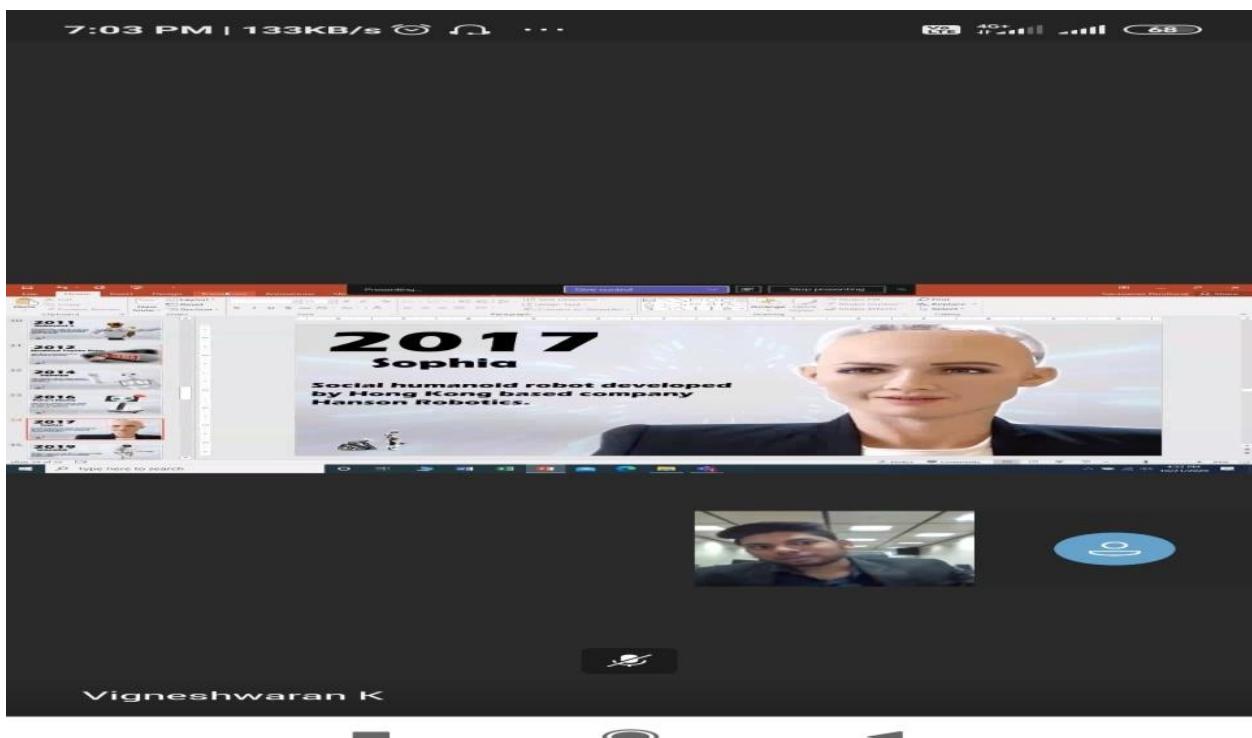
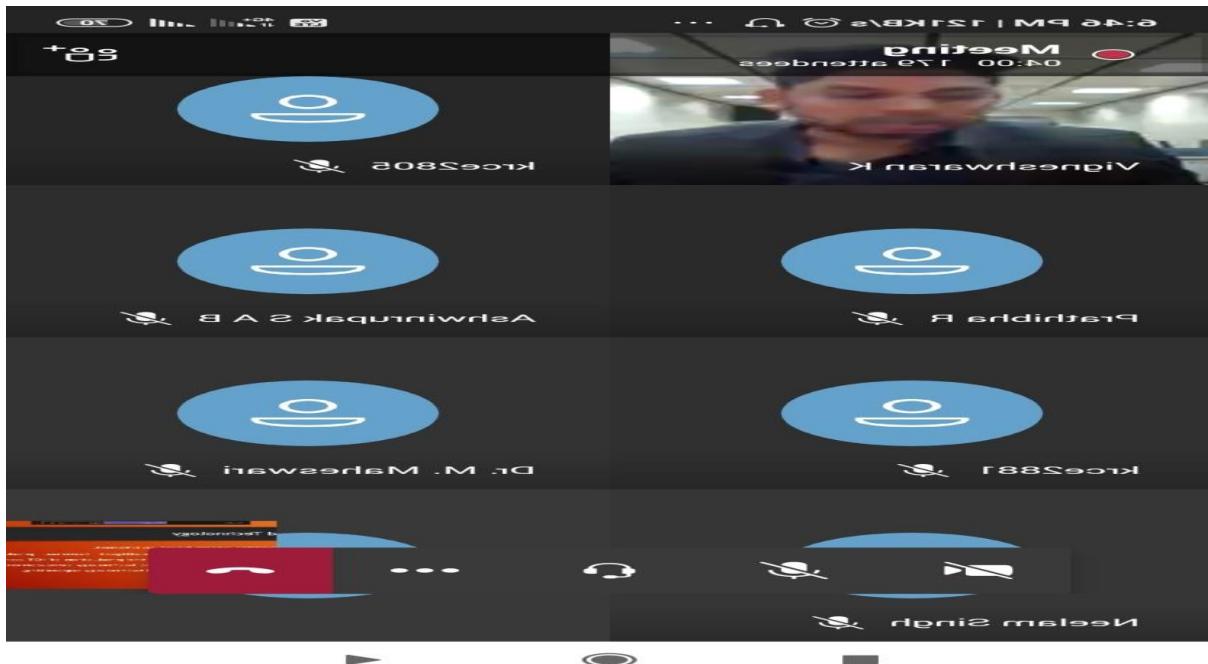
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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **1. Title of the Practice**

Students Fundamental Learning

### **2. Objectives of the Practice**

- To enable the students achieve in their academics
- To train the students develop their individual skills through various clubs.
- To motivate them and prepare them to participate in National, International conferences and Seminars.

### **3. The Context**

- Majority of the students completed their schooling from tamil medium and they felt it is hard to acclimatize to the fresh system
- The students felt complexity in learning latest courses

### **4. The Practice**

The department has implemented many practices for the better of students. During tutorial hour the teacher clarifies the content matter to the students during tutorial hour. Seminars, Conferences & Workshops were organized to impart some skills or knowledge to the students. Students get an opportunity to share and interact with students and staff from other institutions and industries. The teacher not only teaches his subjects but also plays the role of a mentor. The students are given personal counseling whenever necessary.

### **5. Evidence of Success**

The effective implementation of practices has helped the students in many ways to improve them in all the aspects. Tutorial hour was allotted in the time table for analytical subjects. Conference was conducted & experts were invited to act as a session chair to evaluate the quality of the projects.

### **5. Problems Encountered and Resources Required**



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Students hesitate to come forward to participate in events. Some of the students have financial problem and that students were financial supported by the management for attending SAE events.

*Henry*  
HOD

*J. G. N. Miller*

**PRINCIPAL**

**IQAC-CHAIRMAN**

**PRINCIPAL**  
K. Ramakrishnan College of Engineering  
(Autonomous)  
Samayapuram, Tiruchirappalli - 621 112.



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## **DEPARTMENT OF MBA**

### **Format for Presentation of Best Practices**

#### **1. Title of the Practice**

News Paper Reading

#### **2. Objectives of the Practice**

To inculcate the reading habit among the students

To strengthen their vocabulary

To gather the daily happenings

To help students to improve their knowledge on current affairs

To help students to frame the sentence formation.

#### **3. The Context**

Implementation of Best practices faced number of challenges – choosing right Dailies for subscription; students were reluctant to express their thoughts in English, stage fear, delivery of news to be expressed.

The above mentioned challenges were redressed by opting Business line for II MBA, Economic Times for I MBA, Main topics were selected and given to the students for news preparation and slowly they brought news in notepad for presentation, now they started presenting their own interest area of news by understanding the core idea.

#### **4. The Practice**

The practice was reluctant by students as now days social media updates the happenings around the world. They were given awareness regarding the reading habits, direct impact of gathering datas and information, how to draft the text in the newspaper article, besides these benefits word building, strengthening the language proficiency as their skill development

#### **5. Evidence of Success**

Students were stimulated to subscribe the newspaper which made them to collect news for presentation, they were made to present daily which made to know the latest happening and presentation fear was rectified to interactive presenters.



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## **6. Problems Encountered and Resources Required**

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

Time was constraint only 5 students were able to present in 15 minutes whereas if the presentation time of 15 minutes is raised to 30 minutes then at least 10 students daily can do one cycle can be completed in a week.

## **7. Notes (Optional)**

Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words)

Any other information regarding Institutional Values and Best Practices which the university would like to include.

**Value based education or skill based education as credit earned courses.**



# K. RAMAKRISHNAN COLLEGE OF ENGINEERING

(AUTONOMOUS) SAMAYAPURAM – TRICHY

## DEPARTMENT OF MANAGEMENT STUDIES

MBA FIRST YEAR / SECOND SEMESTER TIME TABLE – EVEN SEMESTER (2021 – 2023)

I MBA

CLASS ADVISOR: Mrs. P. JANET MARY PORTIA CHAIRPERSON: Dr. A. PREMAVASUMATI ASST.CLASS ADVISOR : Ms. S. KEERTHANA

TIME DAY	8.45 a.m to 9.35 a.m	9.35 a.m to 10.25 a.m	10.25 a.m to 10.45 a.m	10.45 a.m to 11.30 a.m	11.30 a.m to 12.20 m	12.20 p.m to 1.10 p.m	1.10 p.m to 2.00 p.m	2.00 pm to 2.50 pm	2.50 p.m to 3.40 p.m	3.40 p.m to 4.30 p.m	4.30 p.m to 4.45 p.m
TIME DAY	1	2	3	4	5		6	7	8	9	
MONDAY	FM	BE		BRM	COMM	OM	L	HRM	BIS	MM	N/R
TUESDAY		OR		OM		DABM	U	FM	APTI	BIS	N/R
WEDNESDAY	BIS	BE		BRM	HRM	OM	N	COMM	OR	FM	N/R
THURSDAY	BRM	MM		APTI		OR	C	FM	HRM	OM	N/R
FRIDAY	MM	FM		HRM	OM	LIB	H	MM		DABM	N/R
SATURDAY	BIS	OR		BRM	FM	MM				SEM	N/R

Subject Code	Subject	Subject Name	Staff Name	Total Hours
PBAPC21	BRM	Business Research Methods	Mr. B. Imayavan	4
PBAPC22	OM	Operations Management	Dr. A. Premavasumati	5
PBAPC23	HRM	Human Resource Management	Dr. R. Kamaraj	4
PBAPC24	FM	Financial Management	Mrs. P. Janet Mary Portia	6
PBAPC25	BIS	Business Information System	Ms. S. Keerthana	4
PBAPC26	MM	Marketing Management	Mrs. V. Sujitha	5
PBAPC27	OR	Applied Operations Research	Mr. R Pandiyarajan(Maths)	6
PBAEE28	DABM	Data Analysis and Business Modeling	Mrs. B. Vidhya	4
	APTI	Aptitude	T&P Staff	2
	COMM	Communication	Communication Staff	2
	BE	Basic English	English Department Staff	2
	LIB	Library	Class Advisor	1
	SEM	Seminar	Mrs. P. Janet Mary Portia	1
			Ms. S. Keerthana	1
			Mrs. V. Sujitha	1
	N/R	News Reading	Mrs. V. Sujitha	

A. Premavasumati  
HOD  
9/4/22

Day  
PRINCIPAL

DATE: 12/04/2022

## NEWS - TOPICS

ROLL NO	NAME	TOPIC	SIGNATURE
50	G. Subhashini	HDFC Merger with HDFC Ltd	G. Subhashini
30	N. Palyanka	HDFC BANK MERGER WITH HDFC LTD.	N.P.
23	R. Pooja Batt	NEW PRIME MINISTER IN PAKISTAN	R. Pooja Batt
04	M. Geethapriya	RBI introduced increase in reverse repo rate.	Geethapriya
55	M. Thirunal	Indian blackmoney law appeal to swiss act	Thirunal - M
09	K. V. Janani	Delhi Govt. Preparing for 25 non-conforming industrial areas.	K. V. Janani
29	J. Preethi	organic food export can transform <del>theirs</del> Indian economy. dairy sector play major role in it	
40	M. SARAVU	TAMIL NADU UNION BUDGET	M. Saravu

V. S. Jith  
12/4/22

DATE: 12-04-22

DAY: Tuesday

TIME	ACTUAL TIME TABLE	Adjustable Time table	NO. of Leave	NO. of Absent	NO. of OD	Sign
8:45am	OR	OR	5	2	-	J. Parkay
9:30am						
10:00	OR	OR	5	2	-	
10:45am						
11:00	OM	OM	5	2	-	J.
11:30am						
12:00	DABM	DABM	5	2	-	
12:30pm						
1:00	DABM	DABM	5	2	-	
1:10pm						
2:00pm						
2:30pm	FM	FM	5	2	-	P. Junt
2:50pm						
3:00pm	APTI	APTI	5	2	-	K. Roff
3:10pm						
3:30pm	BIS	BIS	5	2	-	Roff
4:00pm						
4:30pm	N/R	N/R	5	2	1025/20A	V. J. J.
4:45pm						



Grandmaster **Praggnanandhaa**, 16, becomes the first Indian player to reach the final of **Chessable Masters** online rapid tournament after defeating Dutch grandmaster **Janish Giri** in semis

## ED books Karti, others in fresh laundering case

The Enforcement Directorate (ED) has registered a money laundering case against Congress MP Karti Chidambaram and others in an alleged scam relating to the issuance of visas to more than 360 Chinese nationals in 2011 when his father P. Chidambaram was home minister.

## Gyanvapi plea sent to fast-track court

The Varanasi court that took over the Stringer Gauri worship case transferred it to a fast-track court a petition seeking a ban on the entry of Muslims into Gyanvapi Dargah. Judge Ajay Krishna Viswanath asked the fast-track court to simultaneously hear the new petition.

## Dalit woman ends life after lenders threaten her

A 30-year-old Dalit woman ended her life at Kavampakkam in Tirupur district on Monday night after she was harassed by moneylenders. Her husband had borrowed ₹2,000 from a man and when he could not repay, the lender and his mother started abusing and threatening the victim.

## This also helps fight poaching

Indian Institute of Technology-Madras (IIT-M) and Harvard University researchers have developed an algorithm, called **CommodPO**, to Com-

# THE TIMES OF INDIA



UK govt announces that it has approved Todd Boehly's £4.25bn (\$5.3bn) purchase of Chelsea club from sanctioned Russian oligarch Roman Abramovich

British PM Boris Johnson issues another apology and takes 'full responsibility' for the partygate scandal after a probe report cites 'leadership failures'

Xi Jinping-led China asks 10 small Pacific nations to endorse a sweeping agreement, a "game-changing" bid by Beijing to dominate the region

BJP decides to celebrate the Modi govt's 5th anniversary from May 26 to June 25 on the theme of 'Seva, Sushashan and Garib Kalyan'

## JKLF's Yasin Malik gets 2 life terms in terror funding case

### Prosecution's Demand For Death Rejected

Akhilesh Garg/timesgroup.com

New Delhi: A special NIA court in Delhi on Wednesday handed concurrent life terms to Kashmiri separatist and JKLF chief Yasin Malik for funding terrorist in J&K and waging war against the state. The court rejected his contention that he had adhered to the Gandhian principle of non-violence and spearheaded 'a peaceful struggle' since giving up armed militancy in 1984.

The convict may have given up the gun, but he never expressed any regret for the violence he committed prior to the year 1984", special judge Parveen Singh said in

The convict claimed he had followed Gandhian principle of non-violence... It only took one small incident of violence at Chauri Chaura for the Mahatma to call off the entire non-cooperation movement but the convict... neither condemned the violence (in Kashmir) nor withdrew its calendar of protest which had led to the said violence

NIA has tried to impress upon the court that while awarding sentence court should consider that the convict was responsible for the genocide of Kashmiri Pandits and their exodus. However, I find that as this issue is neither before this court nor has been adjudicated upon, the court cannot allow itself to be swayed by this argument

—SPECIAL JUDGE PARVEEN SINGH

his 20-page order. "When he claimed to have given up the path of violence after 1984, the government of India took it at face value and gave him an opportunity to reform, and in good faith, tried to engage in a meaningful dialogue with him, and as admitted by him, gave him every

platform to express his opinion."

Malik betrayed "the good intentions of the government" and "took a different path to orchestrate violence in the guise of political struggle", the special judge said.

► No charity, Pg 6



### Cop, 3 JeM men killed in encounter

A policeman was killed while three Jaish-e-Mohammed terrorists from Pakistan were shot dead in Kseri area of north Kashmir's Baramulla district on Wednesday. The operation helped avert a major tragedy as the Jaish trio had been planning an attack in Srinagar, police said. Pg 6

### Probe helped net big fish: NIA ex-DG

Former NIA DG Sharad Kumar said the NIA court's decision is a landmark as it hands life imprisonment to a terror mastermind who, rather than directly organizing a terror set, was instigating others to commit it with funds and resources arranged by him and others.

► No charity, Pg 6

## LeT militants kill Kashmiri TV actor

Saleem Pandit/timesgroup.com

Srinagar: Kashmiri TV artist Amreena Bhat died of multiple bullet wounds after three Lashkar-e-Taiba terrorists shot her and 16-year-old nephew Farhan outside her home at Hushroo in the Chadoora area of central Kashmir in Srinagar on Wednesday.

Amreena was also popular

on social media platforms such as TikTok and YouTube, where her videos got wide viewership. Amreena's remains brought back to the residence of her

### High inflation may delay rejig of GST rates

New Delhi: Inflation may be a hold on GST rate rationalisation as the Centre and the states may find it prudent to postpone a decision until price stabilisation. The rate may see the levy on several items go up, government sources indicated on Wednesday.

While a group of state finance ministers has been

### Ended 30-Year-Old Relationship With Party On May 16

Sabuath Chidambaram/timesgroup.com

New Delhi: Congress dissident and high-profile lawyer Kapil Sibal on Wednesday stepped out with the party and crossed over to the Samajwadi Party camp, adding to the mounting list of exits in recent weeks and amplifying the perception of negativity about the grand old party.

Confirmation of Sibal, a vocal member of the dissident G-20 grouping, in Congress had looked uncertain for some time and the suspense was over when he filed his nomination for Roja Salim as an "independent" candidate, with SP chief Akhilesh Yadav by his side at Lucknow.

Sibal told reporters that he resigned from Congress on May 16, ending his three-decade



### 5 BIG CONGRESS EXITS THIS YEAR

Kapil Sibal	Manish Tewari	Sandeep Goyal	Shashi Tharoor
May 16 Announced	May 16	May 16	May 16

relationship. While awaiting Sibal's words for Congress, Sibal said he wished his erstwhile party well and said that in Parliament, he will try to bring together all opposition parties against the Congress and Congress' ally — an effort he felt spoke out when he became a liaison of opposition par-

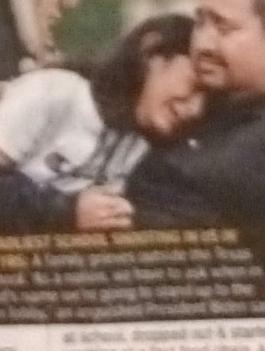
ties in August 2009 when he joined a coalition. Sibal, however, has a more positive view of his former party and considers it among the most credible national parties in India.

► Online version, Pg 7

### TEEN GUNS DOWN 21 IN TEXAS SCHOOL

► Salvador Ramos (16) shot at & critically injured his grandmother before he drove to a school in Uvalde, South Texas, on Tuesday & shot dead 19 children & two teachers inside a 4th grade classroom. After taking himself in, multiple kids also injured.

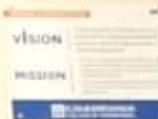
► Dressed in body armour & tactical gear & brandishing two assault rifles he had bought for his 16th birthday, Ramos then opened fire on students in a crowded school corridor.



► BRAVEST: Students & teachers at the Texas school who survived the shooting. Some students were shot but survived. One student, a 10-year-old, was shot in the head but survived.

## Army gets its first woman combat aviator

Chennai: Air Commodore Archana Singh (rank: 26, from 101) on Wednesday became the first woman combat aviator of the Indian Army. An elite flying group, known as 'Sarang', was among 10 Army officers who completed a rigorous course.



GPS Map Camera



Google

Tiruchirappalli, Tamil Nadu, India

WPHQ+M54, Tamil Nadu 621112, India

Lat 10.929448°

Long 78.737696°

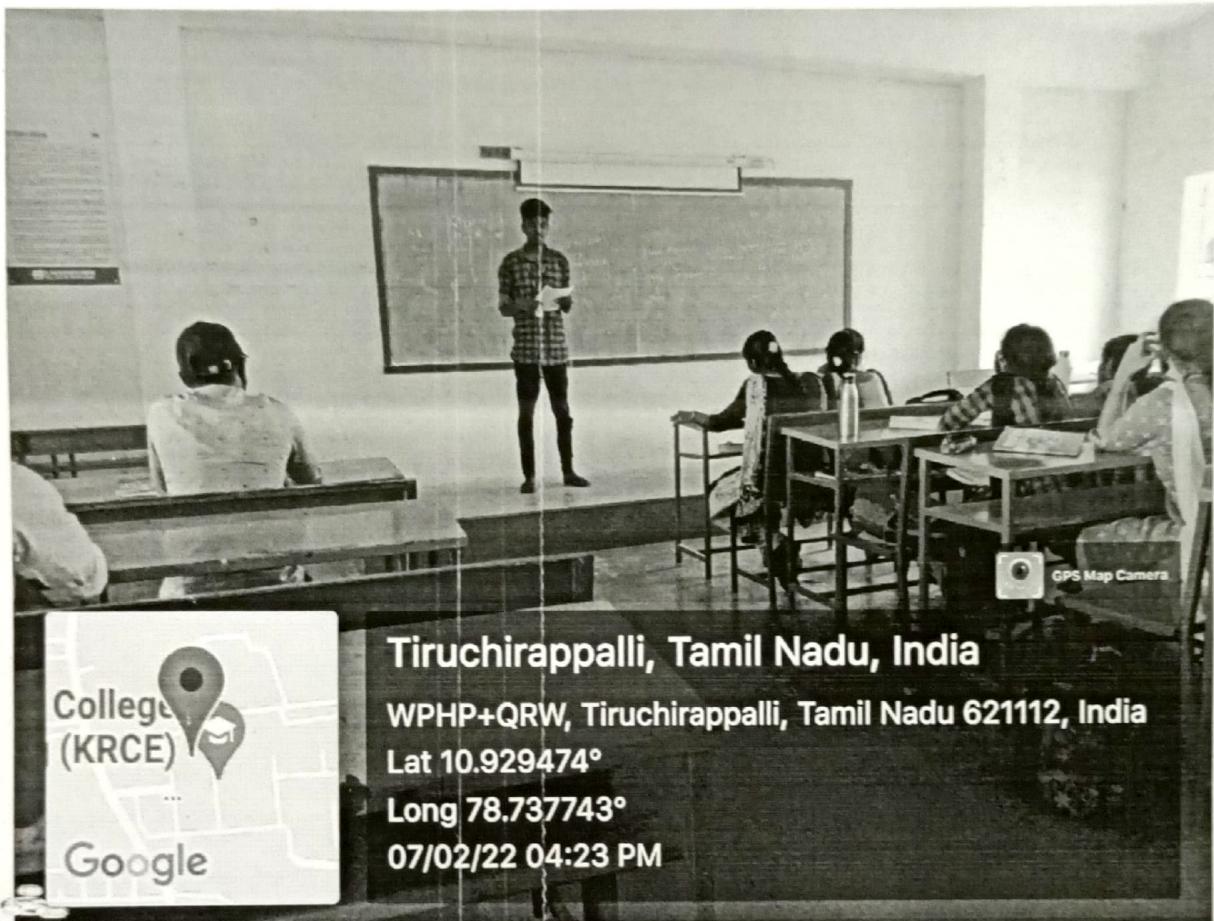
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A. P. Panneerselvam  
HOD  
27/5/22

D. L. Vinod Kumar  
27/5/22  
PRINCIPAL



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## **DEPARTMENT OF INFORMATION TECHNOLOGY**

### **Best Practice**

#### **1. Title of the Practice**

Education beyond classroom using Skill rack platform

#### **2. Objectives of the Practice**

Skill rack is one of the trusted training online portals that offer online Software training for various students across the world.

To train the Students in various programming languages by learning, practice and contests

To provide IT training to fresh learners and professionals

To train the students to crack the aptitude test and technical round of interview successfully to get the placements

#### **3. The Context**

Counseling the students regularly to practice with the Skill rack platform and do as many programs in their interested programming language is the main challenge. Some time Internet connection is also a challenge for the students to practice in skill rack.

#### **4. The Practice**

All the students are given separated user id and password for skill rack.

Weekly one or two hours are given in the time table itself for the students to practice and clarify the doubts.

The students are learning via Hands-on modules, practice programming in C, Java, Python, C++ and prepare for campus interviews, compete in contests.

Daily Challenge and Tests are also given for regular practice.



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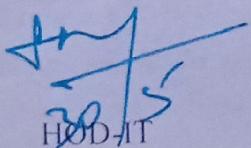
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### **5. Evidence of Success**

All the II Year IT Students have learnt and practiced with Skill rack platform. They completed programs in C and Python. The details of number of programs completed by the students are attached with this. This result indicates that this platform will be very useful for the students to easily get the jobs by clearing aptitude and technical test conducted by the recruiting companies.

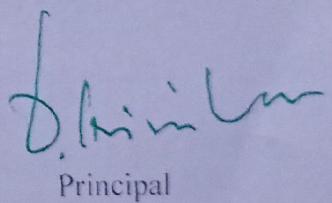
### **6. Problems Encountered and Resources Required**

Initially it was difficult for the students to learn themselves and solve programs. Then by allocating some hours for doubt clarification and continuous monitoring of mentors, now students are practicing in Skill rack platform regularly.



Dr. S. Manikandan  
HOD-IT

**Dr. S. MANIKANDAN**  
Professor & Head  
Department of Information Technology  
K. Ramakrishnan College of Engineering  
Samayapuram, Trichy-621 112



Principal

**PRINCIPAL**  
K. Ramakrishnan College of Engineering  
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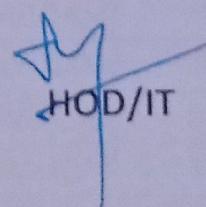
**K.RAMAKRISHNAN COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

**DEPARTMENT OF INFORMATION TECHNOLOGY  
SKILLRACK DETAILS OF II YEAR IT**

BATCH:2020-2024

SNO	ROLL NO	STUDENT NAME	No.of Programs completed in Skillrack
1	IT2001	ABINAYA R	480
2	IT2002	AJAI KUMAR E	524
3	IT2003	ARANGARAJAN S	580
4	IT2004	ARAVINTH V	435
5	IT2005	ARUNCHANDAR G	470
6	IT2006	ARUNAGIRI A	456
7	IT2007	ARUNRAJ S	725
8	IT2008	BALAJI R	152
9	IT2009	BALAKUMAR P	825
10	IT2010	BARATH S V	363
11	IT2011	DHARSHINI A	530
12	IT2012	DHISHANTH M	530
13	IT2013	GOKULAKRISHNAN T	256
14	IT2014	HARIAMALESH A	599
15	IT2015	JANANI T S	420
16	IT2016	JASON JOSHUA W	530
17	IT2017	JAYANTHAN K	350
18	IT2018	JAYAPRAKASH A K S	215
19	IT2019	JAYARAJ V	220
20	IT2020	JOEL DOSS M	301
21	IT2021	JOSHVA PRINCE C	498
22	IT2023	LEEBAN SESARIO S	455
23	IT2024	MAGEETHA P	225
24	IT2025	MARIYAN R	220
25	IT2026	MOHAMED FAHID A	262
26	IT2027	MOHAMMED AADIL J	303
27	IT2028	MOHAMMED ASRAR K	513
28	IT2029	NANDHINI A	268
29	IT2030	NISHA T	460

30	IT2031	NISHANTH M	503
31	IT2032	NIVASH P	345
32	IT2033	PORCHELVAN S	450
33	IT2034	PRASANNA M	476
34	IT2035	PRAVIN KUMAR K	450
35	IT2036	PREMKUMAR B	328
36	IT2037	RAJA GOPAL S	423
37	IT2038	RAJKUMAR S	305
38	IT2039	RUPESH K R	320
39	IT2040	SANTHIYA L	645
40	IT2041	SATHYAJOTHI P	445
41	IT2042	SELVAGANESH G	192
42	IT2043	SHARMI M	510
43	IT2044	SHIVASHREE P	440
44	IT2045	SHRIMATHY S	415
45	IT2046	SHRUTHI R	530
46	IT2047	SIVAPRAKASH K	520
47	IT2048	SREHARSHINY V S	365
48	IT2049	SRI HARI V.	250
49	IT2050	SRIMATHI S	370
50	IT2051	SRIPATHI B	431
51	IT2052	SURENDHAR R	400
52	IT2053	SWATHI S	710
53	IT2054	THANGAPRABAKARAN S	353
54	IT2055	VARSHINI PRIYA S R	300
55	IT2056	VIBHUSHANAA R S	497
56	IT2057	VIMAL P	315
57	LIT2002	A.S.RAJKUMAR	170
58	LIT2004	J.SWETHA	310
59	LIT2005	A.SURIYAPRAKASH	238
60	LIT2006	VASIM SHEIK MOHAMED	238

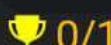


HOD/IT

X  <https://www.skillr...> skillrack.com   

 **SkillRack** 

**ABINAYA R-it2001@krce**

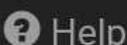
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## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

### Best Practices

#### 1. Title of the Practice

Presentation Day

#### 2. Objectives of the Practice

To make the students develop professionalism in learning environment.

#### 3. The Context

Students can enhance their presentation skills using high-tech equipment, thus improving their ability to present information in a professional manner. It is to make the students speak confidently and to get their ideas and message across to their peers well.

#### 4. The Practice

Everyday students will be presenting a topic on any one latest technology which is relevant to our department. Advisor is the in charge for this event, previous day of their presentation, each student will be getting approval from the advisor to know whether that topic was taken by somebody else. It's challenging for the advisor to identify the duplication of the topic.

#### 5. Evidence of Success

Successful presentations are understandable. Successful presentations are free of jargon, buzzwords, complexity, and confusion. More than 80 % of the students were able to present the topic with confidence and with more technical details. Feedbacks were given to the students for betterment.

#### 6. Problems Encountered and Resources Required

Students find presenting in or outside the classroom during their studies very challenging. Many feel less confident when speaking in front of large groups. Presentations can be stressful and many students do not enjoy them and feel nervous when asked to present.



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## 7. Notes (Optional)

A demo presentation is given as a warm up session. Students are guided by the staff for the presentation and with the technical things they need to know. Students are asked to prepare on the latest technological development.

15

HoD/AI&DS

John L. Yann  
8/15/2021

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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **Best Practices**

#### **1. Title of the Practice**

Wipro Talent Next Project Readiness Program.

#### **2. Objectives of the Practice**

Train the students as Java Full Stack Developer.

#### **3. The Context**

Good programming skill and academic performer's students are trained in Java course.

#### **4. The Practice**

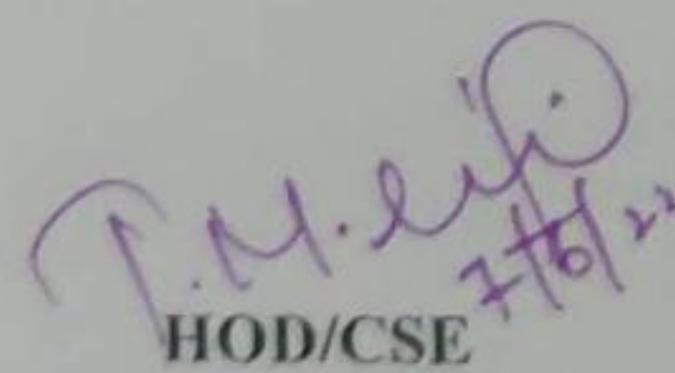
We provide Self learning pbl app platform. Wipro certified faculty members train the students in three modules of Java content and conduct online assessment to test the student skills. Total link is enabled for doing regular practice and it is monitored regularly.

#### **5. Evidence of Success**

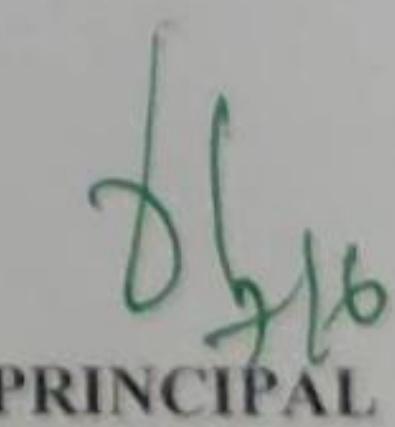
Students placed in Wipro and other IT companies.

#### **6. Problems Encountered and Resources Required**

It majorly concentrates on logical building. Though, initially it is challenging to code in automata machine, after getting trained in mettl tool it is easy to do logic building.

  
HOD/CSE

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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### TALENT NEXT STUDENTS NAME LIST (2021-2022)

S.NO	PBLAPP ID	STUDENT ROLL NUM	STUDENT NAME
1	2887726	811519104061	J.S. Lakshana Sridar
2	2921542	811519104063	Latchiya K S
3	2883816	811519104065	Madhumitha S M
4	2878943	811519104072	Mohan Raj Senthil Kumar
5	2898905	811519104077	Muthukumaran S
6	2878921	811519104082	Pavansai V
7	2920293	811519104083	Pavithra A
8	2883551	811519104091	Roshmi J
9	2877061	811519104092	Rudrahari S
10	2900055	811519104094	Santhosh Raaj Shanmuganathan
11	2892934	811519104096	Sathiya Priya M
12	2930627	811519104098	Shinyroshini J
13	2893408	811519104099	Shri Janani Muruganantham
14	2864093	811519104101	Sneka Subramaniyan
15	2863551	811519104102	Sowmiya Nagarajan
16	2903821	811519104104	Sriram S B
17	1716887	811519104106	Sruthika.I
18	2863807	811519104107	Sujitha S
19	2889410	811519104111	Thasneem Banu E
20	2866963	811519104112	Thivya Priya G
21	2888814	811519104001	Abarna S
22	2883736	811519104002	Abhirami C
23	2888140	811519104003	Abinaya B
24	2878360	811519104004	Abinaya K
25	2888584	811519104006	Aishwarya Ravichandran
26	2878409	811519104008	Amuthan M
27	3015748	811519104010	Arshathul Mohamed Haq Bahadur Ibrahim Khalifullah
28	2879369	811519104011	Arvind Y
29	2882087	811519104012	Ashwini A
30	2881088	811519104013	Ashwin Rupak S A B
31	2888833	811519104015	Bhagavathi Sree V
32	2933121	811519104016	Bharani Harikrishnan
33	2933129	811519104017	Bhavadarani Dhanabal
34	2881111	811519104018	Bogar S
35	2889001	811519104019	Carline Imakulate V



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36	2871079	811519104020	Chandru N
37	2878413	811519104021	Dayalan V A
38	2885055	811519104022	Dhanusree R
39	2888057	811519104023	Dharmaraj R
40	2930188	811519104024	Dhivya A
41	2883797	811519104113	Udhaya Swetha R
42	2883080	811519104114	Varsha P
43	2856378	811519104115	Varunavee Muruganandham
44	2880181	811519104120	Vishwa S
45	2860561	811519104121	Vithun V C
46	2917306	811519104122	Wasim Ahmed K
47	2915940	811519104123	Yadheendran K
48	2864348	811519104124	Yogaasri T
49	2888818	811519104125	Yogashree D
50	2877132	811519104026	Dinesh Kumar S
51	2870740	811519104032	Gita Prakash N
52	3034706	811519104033	Gokul S S
53	2879301	811519104034	Gokulnath K
54	1462195	811519104035	Gokulraj R
55	2888813	811519104036	Gowshil Narmadha V
56	2885465	811519104038	Hariharan A
57	2878385	811519104039	Hari Haran B
58	2879641	811519104040	Harish G
59	2876398	811519104041	Harissh S
60	2879622	811519104042	Heena R
61	2928730	811519104043	Janani V
62	2859886	811519104044	Janarthanan Jegadeesan
63	2865156	811519104045	Jayashree R
64	2881180	811519104048	Kalai Selvan T S
65	2897630	811519104049	Kanmani Marimuthu
66	2884542	811519104050	Karishma Ravi
67	2862061	811519104058	Kishore Kumar N
68	2861586	811519104059	Koushik M
69	2881081	811519104060	Krishna R

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## **DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**

### **Best Practices**

#### **1. Title of the Practice**

Education beyond class room using HackerRank Platform.

#### **2. Objectives of the Practice**

HackerRank is one of the trusted training online portal, offer online programming practice tool for improving students coding skill. It provides training for various programming languages.

#### **3. The Context**

Students practice regularly with HackerRank Platform for attending online coding contest.

#### **4. The Practice**

Separate user id and password are given to each student.

Weekly two hours are given to students for clarifying the doubts.

Students are learning the C, Java, Python, C++ languages and compete the contest for interviews.

#### **5. Evidence of Success**

The details of the number of programs completed by students are attached with this. It indicates how students can easily get the job by clearing aptitude and technical test conducted by the recruiting companies.

#### **6. Problems Encountered and Resources Required**

Initially, it was difficult for the student to learn themselves and solve programs. By allocating Hours for clarifications and continuous monitoring of mentors, students are practicing regularly.

**HOD**

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**DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**

**HACKERRANK DETAILS (II YEAR)**

S.NO	ROLL.NO	STUDENT NAME	NO.OF HACKOS IN HACKERRANK
1	CB2001	ABDULKALAM S	230
2	CB2002	ABHINAYASREE J	1088
3	CB2003	AFRINA AFRIN M	584
4	CB2004	AKSHAYA DEVI R	1350
5	CB2005	ASHWIN VIJAY M	550
6	CB2006	BHARATHI PRIYA S	1010
7	CB2007	BRIDJITH CLEMENTSIA A	250
8	CB2008	DHARSHINI V	533
9	CB2009	FAZIL INFANT J	1450
10	CB2010	GOWTHAM R	1229
11	CB2011	HARIHARAN A	1253
12	CB2012	HARIHARAN M G	1019
13	CB2013	HARSHINI PRIYA B	800
14	CB2014	HIMASHINI V	800
15	CB2015	ILYAS AHAMED S	524
16	CB2016	JANANI D	630
17	CB2017	JEEVITHA S	1440
18	CB2018	KAIF AHMED R	1173
19	CB2019	KARUNIYA SRI R	1020
20	CB2020	KESAVAN D	1480
21	CB2021	KRITHIK GANESH S	900
22	CB2022	MATHAN KUMAR S	1340
23	CB2023	MEHARAJ THOUFIK A	365
24	CB2024	MOHAMMED SAMIULLAH M	367
25	CB2025	NAVIN B	450
26	CB2026	NITHYA SRI P	1020
27	CB2027	PRANAV CHANDAR J	650
28	CB2028	PRATHIBA S	856
29	CB2029	PREM KUMAR V	1190
30	CB2030	RUDRESH K	866
31	CB2031	SAKTHIKUMARAN S	324
32	CB2032	SARAVANAN S	263
33	CB2033	SARVESHWARAN S	1264
34	CB2034	SATHISH R	3165
35	CB2035	SRIVATSHAVA K	1017
36	CB2036	SUBIKSHA S	710
37	CB2037	SURYA T	2469



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38	CB2038	VARSHIKA K	1074
39	CB2039	VENKATESHWARAPANDIYAN M	519
40	CB2040	VIJAY CHIDAMBARAM S	1074
41	CB2041	VISHVA S	210
42	CB2042	YOGESH NATARAJAN M	523
43	CB2043	YOKESHWARAN K R	510

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