



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.

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.

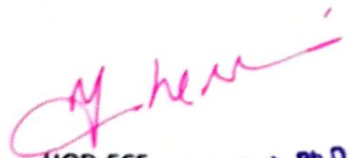
- Interns were provided subsequent to the various industry institute talks.
- Core job and higher studies, entrepreneurs were significantly improved.


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.


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


PRINCIPAL
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K. Ramakrishnan College of Engineering
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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

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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
**THE FIRST STEP
OF AN IT PROFESSIONAL**

Resource Person



Mr. Navaneetha Krishnan Balakrishnan
Junior Software Engineer,
IVTL INFOVIEW Technologies PVT.LTD.
Chennai.

Date : 14.05.2020 Timing : 11.00AM -12.00 PM
Maximum of 80 Participants Only
First Come First Basis

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



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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, Junieur 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.

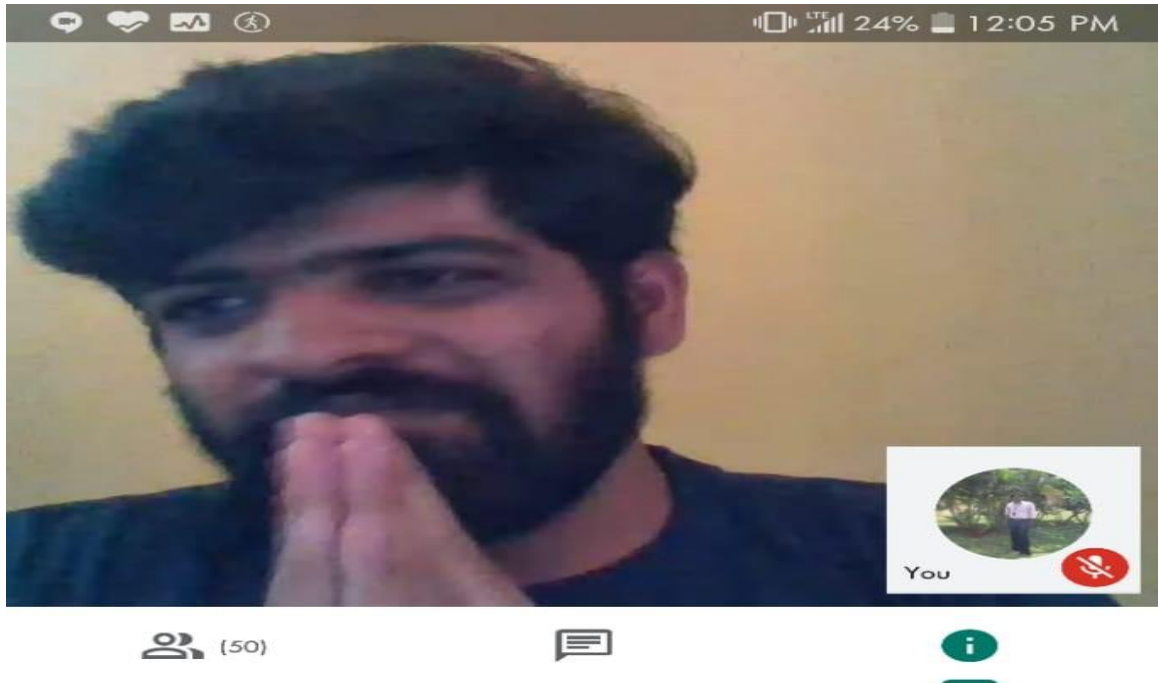


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THE FIRST STEP OF AN IT PROFESSIONAL

Joining info

meet.google.com/vci-drsk-kiy

 Share

Attachments (0)

Google Calendar attachments show up here



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EVENT NAME: WEBINAR ON BUILD UP CARRER 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

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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
BUILD UP CAREER IN EMBEDDED CORE INDUSTRY
Resource Person
Mr.U.Rabiraj
Embedded Software Engineer
Merraky Engineering Solutions,
Bangalore

Date : 17.05.2020
Timing : 10.30AM -11.30 AM
Maximum of 80 Participants Only
First Come First Basis

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

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



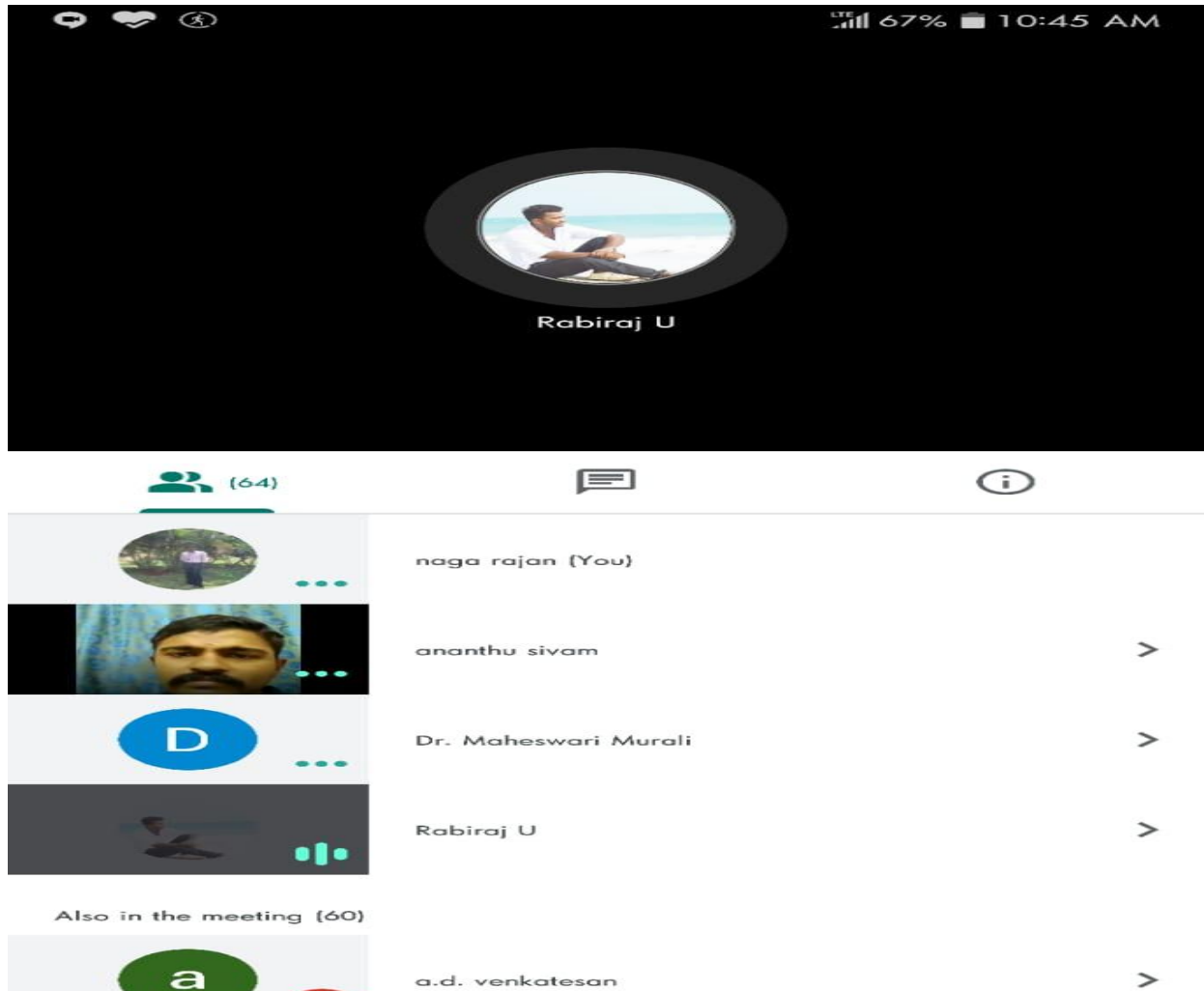
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person Mr.U.Rabiraj, Embedded Software Engineer ,Merrakey Engineering Solutions, Bangalore .He is an Alumni of ECE department .Dr.D.Srinivasan, Principal of K.Ramakrishnan College of Engineering presided over the function.The welcome address was presented 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 Emdeded System.





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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

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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**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.MAHESWARI 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 THROUGH GATE EXAM” On



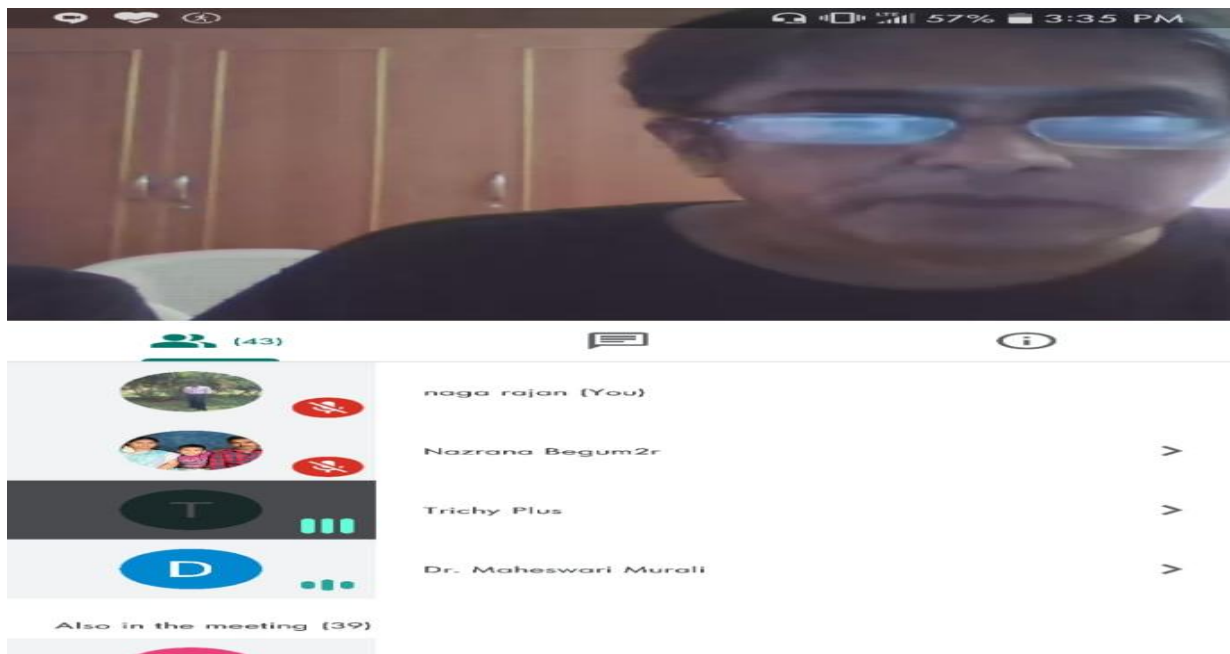
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23.05.2020. The webinar was delivered by the resource person Mr.S,Sivakumar, Director/GATEFORUM, Trichy.Dr.D.Srinivasan, Principal of K.Ramakrishnan College of Engineering presided over the function.The welcome address was presented by Dr M.Maheswari, 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 oppurtunities 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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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

The poster is for a webinar titled "Industry Institute Interaction" organized by the Department of Electronics and Communication Engineering at K.Ramakrishnan College of Engineering. It features the college's logo and name at the top, followed by accreditation details. The main text invites participants to a webinar on August 1st, 2020, featuring two resource persons: Mr. P. Srikanth and Mr. K. Karthikeyan. The poster also lists the names and titles of the college's leadership team at the bottom.

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

**ELECTROETHNARCH ASSOCIATION
and KRCE IIC**

Cordially Invites you
To Take Part In
**WEBINAR ON
"INDUSTRY INSTITUTE INTERACTION"**

Resource Persons

Mr.P.Srikanth,
Senior Analog Design Engineer,
Power Management group, IC Design, Chennai
(Time : 10.00am - 12.00pm)

Mr.K.Karthikeyan,
Senior Physical Design Engineer,
Apex Semiconductor, Bangalore.
(Time : 1.00pm - 3.00pm)

Date : 01.08.2020
Open to all the students of ECE-KRCE

Dr.M.MAHESWARI **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 "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



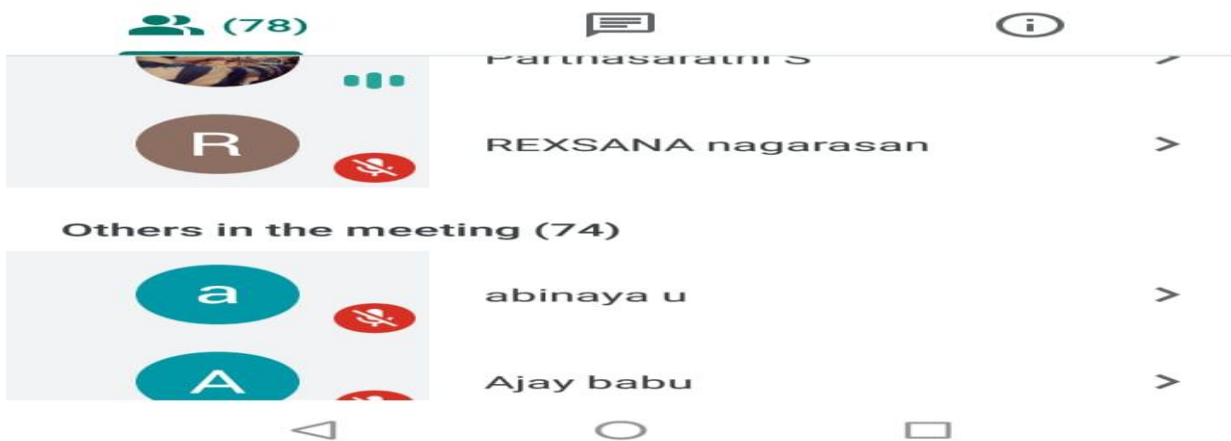
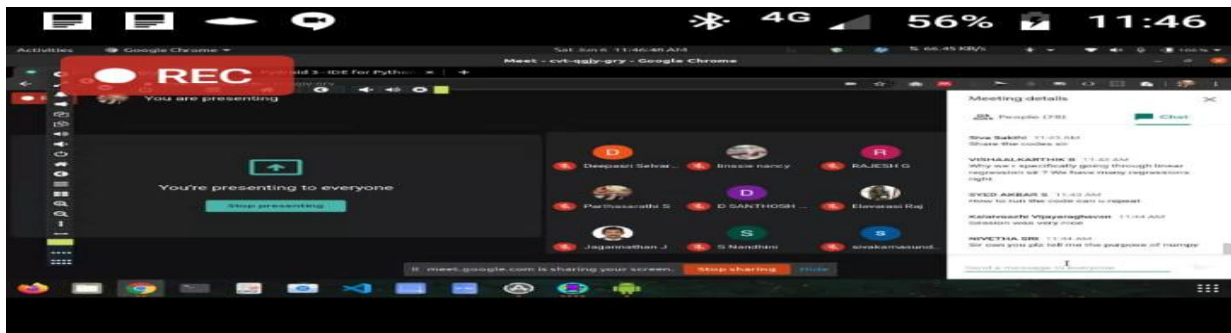
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Engineer, Apex Semiconductor, Bangalore. Dr. M. Maheswari, HOD/ECE, K.Ramakrishnan College of Engineering presided over the function. The welcome address was presented by Dr. B. Viswanathan, Associate Professor/ECE, KRCE to address and welcome the 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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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 HOD/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 “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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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

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

The poster features a pink and purple gradient background with a circuit board pattern. On the left, there is a stylized lightbulb icon with a brain inside. The text is centered and includes the college name, accreditation details, department information, association with IETE, webinar title, resource person details, date and time, and registration information. Logos for the college and IETE are also present.

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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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