



RajaRajeswari Insituion Innovation Council (RRIIC)

MoE Innovation Cell Approved: IC201912297

Annual Report of activities of RRIIC for the Academic year 2019 – 2020

Summary of the Activites conducted during the academic year 2019 – 2020

Sl.No	Date(s)	Name of the Activity	Number of Participants
1	14.8.2019	Leadership Talk on “Innovation and Entrepreneurship as Career Opportunity”	177
2	11.9.2019	Workshop on “How to Innovate and Start a Start Up”	165
3	12.9.2019	Leadership Talk on “How to Design and Convert an Idea into a Prototype Model”	35
4	20.9.2019 to 22.9. 2019	Three Day National Level Student Start up & Entrepreneurship Summit (NECSES 2019)	19
5	15.10.2019	One Day Workshop on “Entrepreneurship and Innovation as Career Opportunity”	112
6	9.11.2019	A Story Telling Session on “Product Development Phases”	22
7	18.11.2019	Demo Day – Prototype Expo 2019 by RRIIC & CSE Dept of RRCE	80
8	20.11.2019	RRIIC Council Meeting – I	22
9	11.12.2019	Worskhop on National Innovation & Start up Policy 2019	35
10	18.1.2020	Internal Hackathon for Smart India Hackathon	182
11	21.1.2020	Train the Trainer Session on “Aligning Innovation Strategies to Academic Research”	35
12	26.2.2020 & 27.2.2020	MHRD IIC Innovation Ambassador Training Program organized by RRGi – RRBI, ACSCE, RRCE & RRMCH	324
13	27.2.2020	Sensitization Session on Generation of Innovation and Research funds from Govt. Agencies	32
14	21.4.2020	Webinar on “5G Ideathon”	18
15	24.4.2020	Webinar on “Ideas to hack or Prevent Corona”	17



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16	30.4.2020	Virtual Workshop on Novel Ideas to Prevent Novel Virus"	22
17	20.5.2020	Webinar on Design Thinking and Innovative Solutions through IoT	62
18	28.4.2020 to 22.5.2020	MHRD IIC Online Sessions on "Innovation and Entrepreneurship Ambassador Training for Faculty members and Students"	23
19	20.6.2020	Webinar on "IPR and IP Strategy"	22

MHRD Institution Innovation Council (IIC) Establishment:

IIC Establishment Certificate





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Summary Report of Activities for the Academic year 2019 – 2020 (IIC 3.0)

1. Leadership Talk on “Innovation and Entrepreneurship as Career”

Date: 14.8.2019 Wednesday

Timing: 10.00 A.M. – 11.30 A.M.

Venue: Dr APJ Abdulkalam Seminar Hall, RRCE

Objective: To give an exposure to the students and faculty members on Innovation and Entrepreneurship as Career opportunity. Sensitize the students on Innovation of services, product upgradation and customer satisfaction and desirability.

Resource Person:

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO, Pre-Incubation Consultant

Pongu Ventures, Chennai.

Target Participants : II, III and IV year Engg Students & PG Students and Faculty members

Number of Participants attended: 165 Students and 12 faculty members

Event Poster

 RajaRajeswari College of Engineering, Bangalore Affiliated to VTU, Belagavi. Approved by AICTE, New Delhi & Govt. of Karnataka. Accredited by HACT, Texas, USA (Internationally) and by NBA (CSE, ECE, EEE, Mech)		   	
		COMED-K: E099 CET Code: E145	
RajaRajeswari Institution Innovation Council (RRIIC)			
Leadership Talk on “Innovation & Entrepreneurship as Career”			
Resource Person : Dr G Vinoth, M.S. Ph.D (USA) Founder & CEO, Start up Venture Designer & Consultant, Pongu Ventures Private Limited, Chennai		Date : 14.8.2019 (Wednesday) Time : 10.00 A.M – 11.30 A.M Venue : Dr APJ Abdulkalam Seminar Hall Second Floor, RRCE	
All are cordially invited			
Certificate will be given to the Registered and attended Participants.		No Registration Fees	
 INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)	 pongu ventures	 ENGINOMATIC TECHNOLOGIES	
WhatsApp: +91-90088-45678, Phone: +91-80-28437124/735 Email: admission@rrce.org Website: www.rrce.org		Dr.J.Amutharaj, President - RRIIC Dr.C.Ramesh, Convenor, RRIIC	



Participant attending the Leadership Talk on Innovation & Entrepreneurship delivered by Dr.G.Vinoth, Founder & CEO, Pongu Ventures Private Ltd., Chennai.

2. Workshop on “How to Innovate and Start a Start Up”

Date: 11.9.2019 Wednesday

Timing: 9.30 A.M. – 11.30 A.M.

Venue : Dr APJ Abdulkalam Seminar Hall, RRCE

Objective: To give hands on session to the students and faculty members on Innovation & Start up Establishment. Narrate the students and faculty members on recent technological developments in which they can Innovate new services, aim for product upgradation and improve customer satisfaction & desirability.

Resource Person:

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO, Pre-Incubation Consultant

Pongu Ventures Private Ltd, Chennai.

Target Participants: II, III and IV year Engg Students & PG Students and Faculty members

Number of Participants attended: 152 Students and 12 faculty members



Dr.G.Vinoth, Founder & CEO, Pongu Ventures Private Ltd., Chennai delivered Session on **“How to Innovate and Start a Start Up”** on 11th September 2019 Wednesday Forenoon Session



Participant listening the Motivational Talk on **“How to Innovate and Start a Start Up”** delivered by Dr.G.Vinoth, Founder & CEO, Pongu Ventures Private Ltd., Chennai.



3. Leadership Talk on “How to Design and Convert an Idea into a Prototype Model”

Date: 12.9.2019 Thursday

Timing: 9.30 A.M. – 11.30 A.M.

Venue : Von Neuman Seminar Hall

Number of Participants : 35

Resource Person :

Mr. Sheethal,

Design and Prototyping Consultant,

Pongu Ventures (P) Ltd., Chennai.

Report of the Leadership Talk: Mr. Sheethal, Design and Prototyping Consultant, Pongu Ventures delivered a leadership talk for the student team members about “**How to Design and convert into a Prototype Model**” in the Von Neuman Seminar Hall / ISE Seminar Hall on 12th September 2019 and in that they taught Students about the factors to be considered and market analysis to reduce cost and how to increase the sales and profit.

Preparation guidance for NEC Entrepreneurship Start up Summit (NECSSES 2019) held between 20th September 2019 and 22nd September 2019. **Dr. Vinoth G, CEO**, Pongu Ventures and **Mr. Sheethal, Prototype Consultant**, Pongu Ventures have reviewed all below mentioned presentation for the NECSSES summit. They also discussed in detail about the scorecard that will be used to judge the students presentation during the summit.

Scorecard

(0 to 20%) - Strength of the Team, Mentor, Co founders, Advisors, etc

(0 to 10%) - Problem Statement

(0-to 20%) - Uniqueness of idea

(0 to 5%) - Real effort / Hard work put into this Project by the core team

(0–10%) - Technology feasibility

(0–5%) - Business viability or is this Product/Service Commercialization

(0-10%) - Industry collaboration

(0–10%) - Reasonable estimate for prototype or MVP development

Any investment for Prototype or MVP (0–5%)

How impressive is the overall pitch (0-5%)



Session on “How to Design and convert into a Prototype Model” for II year ISE Students



Hands on and discussion Session on “How to Design and convert into a Prototype Model” for Student Team members



4. Report of Participation and Award winning in Three Day National Level Student Start up & Entrepreneurship Summit (NECSES 2019)

Organizer : K.R. Incubation Centre,

National Engineering College, Kovilpatti, TamilNadu

Powered By / Co-Sponsor : Pongu Ventures, Chennai

Date (s) and Duration : 20.9.2019 to 22.9. 2019 (3 Days)

Number of Participants: 19 (18 Students and 1 Faculty member)

Staff Co-ordinator : Dr.J.Amutharaj, Professor and Head, ISE, RRCE

Summary of the Participation of Events by students and faculty:

1. Day 1: 20.9.2019 (Friday)

The following Pre Conference and Pre-Incubation workshops are organized by Pongu Ventures Team sponsored by NEC Business Incubator.

1. Start up Entrepreneurship
2. Problem Discovery
3. Idea generation
4. Co-Founder and Team Building
5. Business Model Canvas

All the 18 students and faculty were attended the workshops in both the sessions.

2. Day 2 : 21.9.2019 (Saturday) Forenoon Session

Inauguration function and conference track events were scheduled between 9:30 a.m. and 12.30 p.m.. During the conference track the speakers have presented in the following themes such as Story of Job Seekers Vs Job Creators, Agriculture seeding our future, Innovation and creativity for better India and how it change the life style of the people of our country, Technical challenges in IoT implementation and Next big thing in Artificial Intelligence.

3. Afternoon Session: Student's Idea Pitch event (1:30 P.M. to 7:00 P.M) :

Out of 11 Ideas presented by our RRIIC students members five ideas are shortlisted for Second level / Final Pitch scheduled on 22nd September 2019 (Sunday), Forenoon session.



Ms.Sharmila Bai and Sumanth, from RRIIC presented their Idea “Delivery Box”



Ms.Sharmila presented the idea “Naphkin Vending Machine”



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Day 3 : 22.9.2019 (Sunday) - Final Pitching Session

The following teams and participants were selected for final pitching session on 22nd September 2019 (Friday). They are also selected for Co-Incubation Special Award from NEC K.R. Incubation Centre and received a **Cash Prize of Rs. 1500 per Team.**

Sl.No	NAME	SEM/DEPT	IDEA Pitched	Award and Cash Prize Received
1	Yuvaraj.R	5 th Sem, ECE	Hybrid Optical Solar Lighting System	Co-Incubatee Award & Rs. 1500/ Cash Prize
2	Sharmila. G	7 th Sem, ECE	Smart Sanitary Napkin Vending Machine- startup idea)	Co-Incubatee Award & Rs. 1500/ Cash Prize
3	Sharmila Bai. B Sumanth S.K.	7 th Sem, ECE	Smart Delivery Box	Co-Incubatee Award & Rs. 1500/ Cash Prize
4	M.Akshay Kumar	7 th Sem CSE	STUDWALL – a Digital Currency Web App	Co-Incubatee Award & Rs. 1500/ Cash Prize
5	Mr.Ankit kumar Ms. Monika Singh Ms. Neha Durgadmath	5 th Sem ISE	Waste Decomposer for Manure preparation	Co-Incubatee Award & Rs. 1500/ Cash Prize

5. One Day Workshop on “Entrepreneurship and Innovation as Career Opportunity”

Date & Timing : 15th October 2019, Tuesday, 9.00 AM – 4.00 P.M

Venue : Von Neumann Seminar Hall, II Floor, RRCE, Bangalore

Resource Person

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO, Pre-Incubation Consultant

Pongu Ventures, Chennai.

About Resource Person : Dr G. Vinoth, Founder and CEO is a Startup Designer, with global experience currently spearheads technology business incubation programs in both Corporate and Academia. He selects, train, coach aspiring entrepreneurs, for creating new startup ventures. Currently he is mentoring, advising and coaching more than 10 startups.

Topics to be covered:

1. Sensitization on choosing to start own business as an Entrepreneurs
2. How to become a Job Creator



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3. Entrepreneurship Career is a Passion, not money making
4. Getting Right Co Founder / Partner
5. How to build a great Team
6. When to Pivot, not being stubborn

For Registrations Contact : Dr.Amutharaj Joyson,

President, RRIIC, Bangalore.

Email Id : amutharaj@yahoo.com

(M) : 97427-38238

Number of Participants: 112



Resource Person Dr G Vinoth is with Dr R. Balakrishna, Principal, RRCE and Dr J Amutharaj, President, RRIIC & Professor and HoD – ISE.



Participants in the Workshop on **“Entrepreneurship and Innovation as Career Opportunity”** delivered by Dr.G.Vinoth, Founder & CEO, Pongu Ventures Private Ltd., Chennai.

6. A Story Telling Session on “Product Development Phases”

Date & Timing: 9th November 2019, 9.00 AM – 11.00 A.M

Venue : Von Neumann Seminar Hall, II Floor, RRCE, Bangalore

Resource Person

Mr.Yuvraj N

Campus Innovator - RR IIC

Founder, Unique Path

About Resource Person:

Mr.Yuvraj is a Third year ECE Department student and founder of Unique Path, a startup company doing its operations on Fiber optics based lighting.

Topics to be covered:

1. Problem Description
2. Need for Alternative Solution
3. Survey and Analysis
4. Proposed Solution
5. Prototype Modeling



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6. Product Development Life Cycle

7. Iterative Model of Product Development and Customization

For Registrations Contact:

Dr. Amutharaj Joyson,

President, RRIIC, Bangalore.

Number of Students Participate: 22

7. Demo Day – Prototype Expo 2019 – by RRIIC & CSE Dept.

Date and Time – 18th Nov 2019, 10:00 AM

Venue : 5th Floor Lobby, RRCE

Chief Guest : Mr. Maaz Shaikh, Software Development Engineer, CISCO Systems, Bangalore

About the Programme:

Demo day of RRIIC was held on Nov 18th 2019, from 10 a.m. to 3 p.m. at 5th Floor Lobby at RRCE. The event was organized by the faculty coordinators of RRIIC, Dr. Sheba Selvam, Social Media Co-ordinator RRIIC and Dr. S. Usha, Head of CSE Dept and Vice President of RRIIC.

20 Teams (80 students) from 2nd and 3rd year engineering were participated in the event. Mr. Maaz Shaikh, Software Development Engineer, CISCO Systems, Bangalore was the Chief Guest. Dr. T. R Gopalakrishnan Nair, Rector and Professor, RRGI, also graced the occasion. Students exhibited and demonstrated their projects and working prototypes in latest trends and technologies such as Internet of Things (IOT), Machine Learning, Artificial Intelligence and Computer Vision. Three project teams won the cash prizes.

PRIZE WINNERS

S.No	Project Title	Team Members	Prize
1	SPI BOT	Vishal Singh, Yuvraj V	1st Prize (Rs 1500)
2	Smart Irrigation	Firdose Tabassum, R Naga Durga, Rohini H	2nd Prize (Rs 1000)
3	Smart Helmet	Rajeena R, Shalini G, Sharanya B	3rd Prize (Rs 500)

OUTCOME:

This demo day is conducted at the Institute level for the last four years, keeping in mind the pursuance of student's natural curiosity and imagination to showcase their creativity and enable activity based learning. This demo day activities are providing an unique platform to the participating students for their innovations and new experiences with the community.



8. Workshop on "National Innovation and Start Up (NISP)"

Date: 11th December 2019 **Time :** 10.20 A.M. – 12.30 P.M.

Resource Person:

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO,

Incubation Eco System Enabler,

Pongu Ventures, Chennai.

Venue: Von Neumann Seminar Hall, II Floor, RRCE,



Co-ordinator : Dr.S.Usha, Vice President, RRIIC & Dean – Research & Innovation, Bangalore.

Number of Participants : 35



WORKSHOP ON NATIONAL INNOVATION AND START-UP POLICY (NISP)

Organized by RajaRajeswari College of Engineering
(Part of MIC Driven Activity)

**WEDNESDAY,
DECEMBER 11TH, 2019
10:30AM - 12:30PM**

Venue:
Auditorium,
RajaRajeswari College of Engineering
#202, Kambipura, Mysore Road
Bangalore - 74

FREE ENTRY FOR COLLEGE STUDENTS AND FACULTIES
(e-certificate will be provided for all participants)



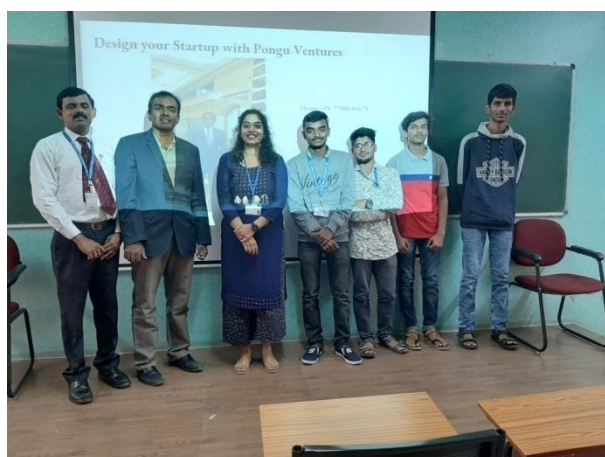
DR.VINOTH, MS, PHD., (USA)
Startup Designer,
Pongu Ventures (Startup Pre-Incubation Company)

POWERED BY 

Poster – NISP 2019 Worskhop

Dr. G. Vinoth conducted a **workshop for first year students, on National Innovation and Start up Policy 2019** with the special focus on **Student Startup Policy** as per **MIC guidelines**. The National

Innovation and Startup Policy 2019 for students of how to enable our institute to actively engage, and encourage our 1st and 2nd year students to participate in Entrepreneurial activities thereby they are well prepared to launch their startup venture when they enter into final year. He also selected few Entrepreneurs among first year students in first year who have shown interest in startup programs. The students got awareness about setting up a start up (including social start ups) and working part-time for the start ups while studying. Also Students are advised to work on micro innovative projects and setting up start ups (including Social Start ups) or work as intern / part-time in startups while studying.



Group Photo of the Workshop

9. RRIIC Council Meeting – I

The First Council meeting of RRIIC is held on 20th November 2019 between 11.00 A.M. and 12.30 P.M. Dr R Balakrishna, Principal informed the roles and responsibilities of Council members. Dr J Amutharaj, President of RRIIC, sensitized the council members about the schedule of activities to be held during the academic year 2019 – 2020.

Agenda :

1. Institution Innovation Council formation & Welcome the members
2. Roles and Responsibilities of Council members
3. Action Plan for the year 2019 – 2020
4. Activities such as IIC Calendar activities, MIC Activities & Self-Driven Activities
5. Resolutions passed in the council meeting

Number of members present : 22



Photo of the RRIIC Council meeting held on 20th Nov 2019

10. Smart India Hackathon – Internal Hackathon

Date : 18.1.2020 time : 9.30 A.M. to 3.30 P.M.

Report of Internal Hackathon for Smart India Hackathon (SIH) 2020 : Dr.G.Vinoth, CEO and Incubation Eco System Enabler, Pongu Ventures has served as a jury member for Smart India Hackathon event held on 18th January 2020 (Saturday) . He was serving as Technical Advisor and offering advise of technological advancements to improve the software and hardware ideas which can be submitted to SIH portal and enable them to develop further as a product. It was conducted in two categories such as Hardware Edition and Software edition as per the guideline of MHRDs Innovaton Cell & Smart India Hackathin organizing Team.

Number of Teams – 52 Team (182 Students)



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Organisers



MHRD



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SMART INDIA
HACKATHON
2020



RajaRajeswari
College of Engineering

Internal Hackathon for
Smart India Hackathon 2020

SOFTWARE EDITION

VENUE : DR.APJ ABDUL KALAM CONFERENCE ROOM

DATE : 18-01-2020 TIME: 10 AM - 01 PM

PRINCIPAL

SPOC

IIC PRESIDENT

INTERNAL JURY

EXTERNAL JURY



Dr.T.Chandrashekar

IIC Head



Mrs.J.Rajalakshmi

AP,CSE



Dr.J.Amutharaj

HoD,IS



Dr.S.Usha

Dean RI



Dr.D.Sobya

ASP,ECE



Dr.Sheba Selvam

ASP,CSE



Dr.G.Vinoth

CEO Pongu Ventures



Dr.T. Senthil Kumaran

Dean-ACS CE

Partners



CISCO

DEVNET

KPIT

Communication Partner



SumaSoft

Poster – Software Edition

Organisers



MHRD



MIC



AICTE



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SMART INDIA
HACKATHON
2020



RajaRajeswari
College of Engineering

Internal Hackathon for
Smart India Hackathon 2020

HARDWARE EDITION

VENUE : DR.APJ ABDUL KALAM CONFERENCE ROOM

DATE : 18-01-2020 TIME: 10 AM - 01 PM

PRINCIPAL

SPOC

IIC PRESIDENT

INTERNAL JURY

EXTERNAL JURY



Dr.T.Chandrashekar

IIC Head



Mrs.J.Rajalakshmi

AP,CSE



Dr.J.Amutharaj

HoD,IS



Dr.C.Ramesh

IIC Convenor



Dr.Satheesha V

ASP, Mech



Dr.N.Amuthan

HoD,EEE



Dr.G.Vinoth

CEO Pongu Ventures



Dr.Kalyanam Kannan

Director - CTDS

Partners



CISCO

DEVNET

KPIT

Communication Partner



SumaSoft

Poster – Hardware Edition



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L to R : Dr.T.Senthil Kumaran, Dean - ACSCE, Dr.K.Kalyanamkannan, Director - CTDS, Dr.T.Chandrashekar, Principal, RRCE and Dr. G.Vinoth, CEO, Pongu Ventures

Photo: Inauguration of Smart India Hackathon 2020 on 18th January 2020 (Saturday), 10:00 A.M.



Exhibition and Evaluation of Prototype in the Internal Hackathon



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11. Train the Trainer Session on “Aligning Innovation Strategies to Academic Research”

Date : 21st January 2020 time : 11.00 A.M. – 1.00 P.M.

**RajaRajeswari
College of Engineering**

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

**ALIGNING INNOVATION ECOSYSTEM
STRATEGIES WITH ACADEMIC R&D**

Organized by
RajaRajeswari College of Engineering

**TUESDAY,
JANUARY 21ST, 2020
11:30AM - 01:00PM**

Venue:
4th Floor, Seminar Hall,
RajaRajeswari College of Engineering
Ramohalli Cross, Kumbalgodu,
Mysore Road, Bangalore - 74.

**DR.VINOTH, MS, PHD., (USA)**
Startup Designer,
Pongu Ventures (Startup Pre-Incubation Company)

POWERED BY  **pongu
ventures**

Poster: Train the Trainer Session on 21.1.2020



Group Photo: Train the Trainer Session conducted on 21.1.2021

About the Programme:

Dr.G.Vinoth, CEO delivered a session on “Aligning Innovation Strategies to Academic Research” for 35 faculty members from RajaRajeswari College of Engineering and also the faculty members of Southern



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Bangalore Region Engineering colleges on 21st January 2020 (Tuesday) between 11:00 A.M. to 1:00 P.M.

Number of Participants : 35 Faculty members (both Internal and External members)

12.MHRD IIC INNOVATION AMBASSADOR TRAINING PROGRAM

Date(s) : 26th & 27th February 2020 Time : 9.30 A.M. – 5.00 P.M.

Number of Participants : 324 from South West Region IIC Institutions

RAJARAJESWARI GROUP OF INSTITUTIONS (RRGI)
*The Founder Chancellor, President, Members of the Board of Management
 Faculties, Staff and Students*
Cordially Invite you for the
Inauguration of IIC Ambassador Training Program

Presided by Dr. A.C. Shanmugam <i>B.A. LLB, FIMSA, FRCPS (Glasgow, UK)</i> Founder Chancellor & Chairman Dr. M.G.R. Educational & Research Institute & RajaRajeswari Group of Institutions	on 26th February 2020, at 09.30 am	Chief Patron Sri. A.C.S Arun Kumar <i>B.Tech (Hons)., LMISTE., MIET., (UK)., LMCSI.,</i> President Dr. M.G.R. Educational & Research Institute & RajaRajeswari Group of Institutions
Chief Guest Dr. Sanjay H Inamdar Chairman AICTE Startup Policy Committee	Special Guest Mr. B. Sampath Rao Chief Scientist & Joint Head NTAF, CSIR- National Aero Space Laboratories	

Guests of Honour

Mr. Dipan Kumar Sahu <i>National IIC Coordinator</i> MIC, Govt. of India	Dr. K. Elangovan <i>Assistant Innovation Director</i> MIC, Govt. of India	Mr. Pankaj Pandey <i>SWRO Zonal Coordinator</i> MIC, Govt. of India	Mr. Ankush Sharma <i>Innovation Officer</i> MIC, Govt. of India
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Distinguished Guests

Dr. G. Srinivas <i>Joint Secretary</i> UGC, SWRO, Bengaluru	Dr. K. Gayathri Reddy <i>Regional Director</i> VTU, Bengaluru	Padmasree Prof. R.M. Vasagam <i>Former Scientist, ISRO</i> Former Vice Chancellor, Anna University
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Dr. S. Vijayanand, M.Tech, Ph.D <i>Executive Director</i> RajaRajeswari Group of Institutions	Sri. C.N Seetharam, IAS (Retd.) <i>Chief Executive Officer</i> RajaRajeswari Group of Institutions	Prof. Dr. S. Jeyabalan., M.E., MBA, Ph.D <i>Special Officer</i> RajaRajeswari Group of Institutions
Dr.Sathyamurthy <i>Dean,</i> RajaRajeswari Medical College & Hospital	Dr.Naveen S <i>Principal,</i> RajaRajeswari Medical College & Hospital	Dr.M.S.Murali <i>Principal,</i> ACS College of Engineering
		Dr.T.Chandrasekhar <i>Principal,</i> RajaRajeswari College of Engineering



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Participants of the Session : Design Thinking and Innovation – MHRD IA Training



Participants of the Session : Pre-Incubation and Incubation – MHRD IA Training

Our Innovation Ambassadors of RRCE

1. **Dr.J. Amutharaj, President, RRIIC & Professor and Head – ISE,**
2. **Dr.D.Sobya, Associate Professor, ECE Dept, RRCE**
3. **Prof. Sincy Kuruvilla, Asst. Professor, EEE Dept., RRCE**



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13. Sensitization Session on “Getting of Innovation and Research funds from Govt. Agencies”:

Date : 27.2.2020 Time : 1.00 P.M. to 2.00 P.M

Venue : Seminar Hall Second Floor, RRCE

Resource Person :

Dr.K.Ilangovan,

Asst. Innovation Officer, MIC

NEAT Special Officer - MHRD IIC,

New Delhi

Number of Participants: 32 Faculty members



Photo of the Session



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14. Webinar on "5G Ideathon"

Date : 21st April 2020 (Tuesday) **Time :** 5.30 P.M. & 7.00 P.M.

Objective: The objective of the session is to encourage and guide the student innovators and mentors (faculty members) to submit their novel and innovative ideas to the "5G Ideathon" organized by MHRD's Institute Innovation Cell (MIC).

Resource Person:

Dr.G.Vinoth, M.S. Ph.D (USA)




Start up Venture Designer,

Pongu Ventures, Chennai

Number of Faculty members Participated: 7

Number of Student Innovators Participated: 11

Total No of Participants: 18



WEBINAR & IDEATHON ON 5G


Part of MIC Driven Activity

Webinar on 5G : Tuesday, April 21st at 5.30 PM - 7.00 PM


Join us on Zoom Meeting ID : 8634386115

✓ Ideas Generated by anyone can be submitted in www.5ghackathon.in


WEBINAR POWERED BY DR VINOOTH



DR.VINOOTH, MS, PHD., (USA)
Pongu Ventures (Startup Pre-Incubation Company)



DR.AMUTHARAJ
IIC President,
RajaRajeswari College of Engineering, Bangalore



DR.RAMANAN
IIC President,
ACS College of Engineering, Bangalore

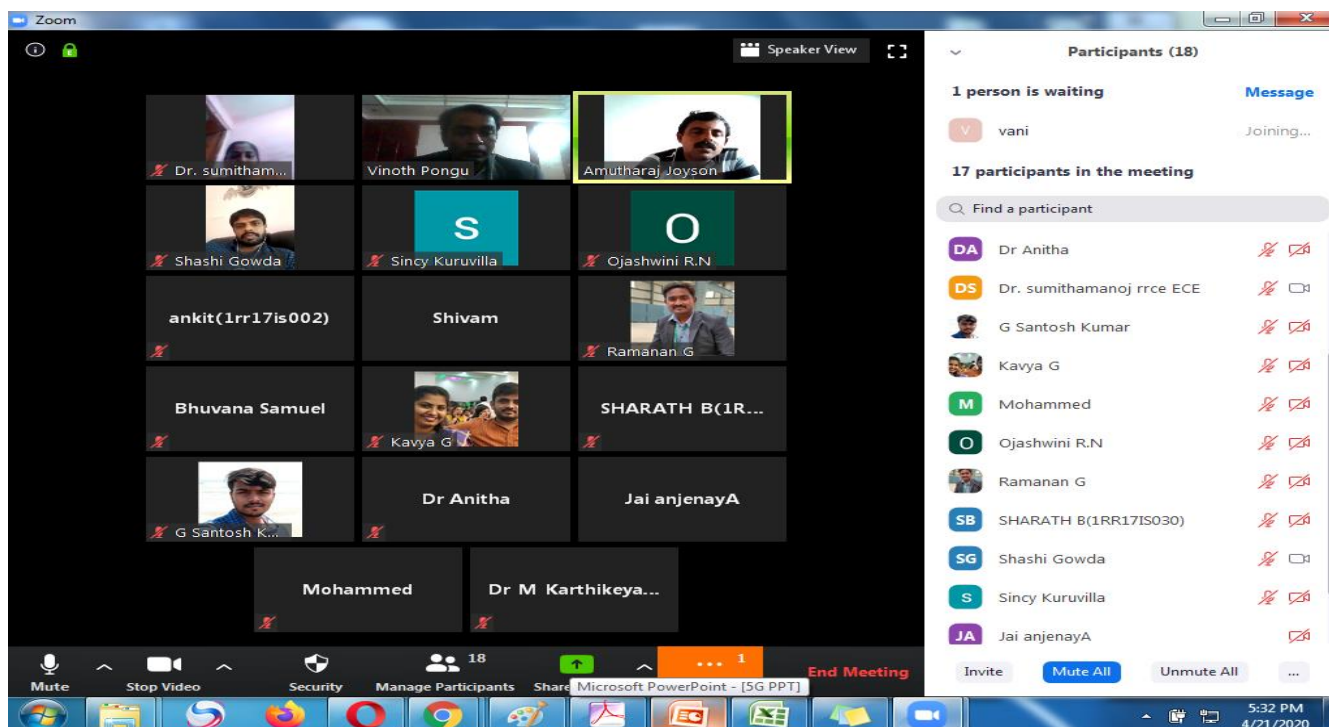
Poster – 5G IDEATHON



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

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Outcome : Dr.D.Soby and Mr.Yuvraj has sent the proposal to 5G Ideathon on 1st May 2020.

Title of the Idea Proposal: Integrated Wireless Utility Network for Smart City Applications

15. Webinar on “Ideas to hack or Prevent Corona”

Date: 24th April 2020 (Friday) between 3.30 P.M. & 5.30 P.M.

Resource Person:

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO,

Incubation Eco System Enabler,

Pongu Ventures, Chennai.

Objective: The objective of the session is to encourage and give exposure to the faculty members and student innovators of RRIIC to think out of box and guide them to come out with the Technological Solution for COVID 19 Patient Identification and Tracking.




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RAJARAJESWARI GROUP OF INSTITUTIONS



IDEAS TO HACK OR PREVENT CORONA

(Part of IIC Self Driven Activity)

Date : 24 April 2020 (Friday) 3.30 P.M

How to Join this Ideathon?

 Please download Zoom meeting software in your laptop or mobile. Preferably Laptop.
Meeting ID : **8634386115**

**IDEATHON ONLINE MEETING HOSTED BY**
DR.VINOTH, MS, PHD., (USA)
Pongu Ventures (Startup Pre-Incubation Company)

POWERED BY  **pongu ventures**

Poster

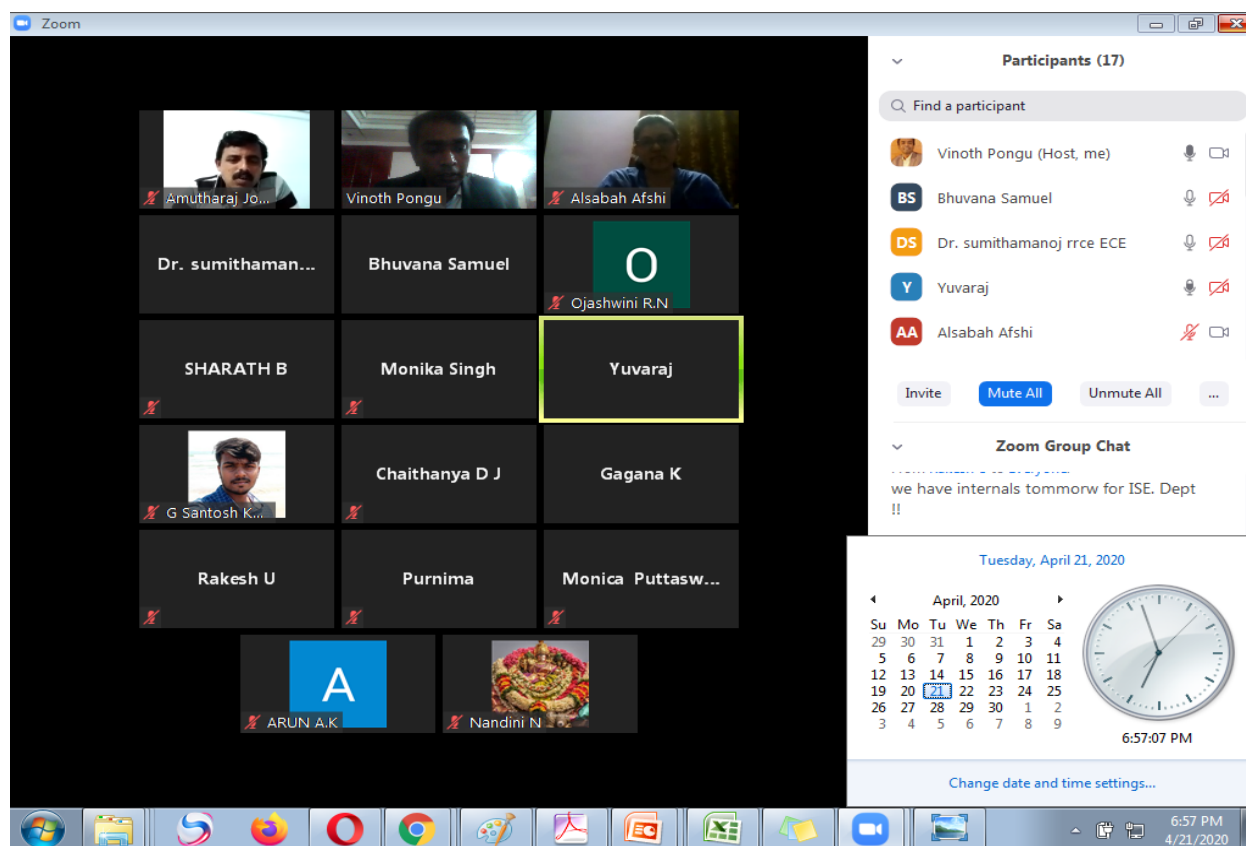
Virtual Platform : Zoom

Number of Faculty members Participated: 6

Number of Student Innovators Participated: 11

Total: 17

Webinar Live Screenshot :



The screenshot shows a Zoom webinar interface. The main window displays a grid of 12 participants. The top row includes Amutharaj Jo..., Vinoth Pongu (Host), and Alsabah Afshi. The second row shows Dr. sumithaman..., Bhuvana Samuel, and Ojashwini R.N. The third row features SHARATH B, Monika Singh, and Yuvaraj (highlighted with a yellow border). The fourth row includes G Santosh K..., Chaithanya D J, and Gagana K. The fifth row shows Rakesh U, Purnima, and Monica Puttasw... The bottom row displays ARUN A.K. and Nandini N. On the right side, the 'Participants (17)' list is visible, showing the same names as in the grid. Below the list is a 'Zoom Group Chat' section with a message: 'we have internals tommorow for ISE. Dept !!'. At the bottom right, there is a calendar for April 2020 and a clock showing 6:57:07 PM on Tuesday, April 21, 2020. The Windows taskbar at the very bottom shows various application icons and the system clock.



16. Virtual Workshop on Novel Ideas to Prevent Novel Virus

Date : 30th April 2020 (Wednesday) between 9.30 A.M. & 12.30 P.M.

Resource Person:

Dr.G.Vinoth, M.S.Ph.D (U.S.A)

Founder & CEO,

Incubation Eco System Enabler,

Pongu Ventures, Chennai.

Objective: To give hands on exposure to the faculty mentors and student innovators of RRIIC to think out of box and deliver the Technology based Solutions to Identify and Track COVID 19 Patients using Cloud Computing and Sensor Devices and Sensor Network Technologies.


Number of Faculty members Participated: 7


Number of Student Innovators Participated: 15


Total: 22


Poster

RAJARAJESWARI GROUP OF INSTITUTIONS



**INSTITUTION'S INNOVATION COUNCIL**
(Initiative of RRG)









NOVEL IDEAS TO PREVENT NOVEL VIRUS


**(Part of IIC Self Driven Activity)**


Date & Timing : 30 April 2020, 9.30 A.M. - 12.30 P.M

How to Join this Ideathon? 

 Please download Zoom meeting software in your laptop or mobile. Preferably Laptop.
Meeting ID : 8634386115 Password : rrgroup

AN IDEA GENERATION WORKSHOP ORGANIZED BY

**DR.VINOTH, MS, PHD., (USA)**
Pongu Ventures (Startup Pre-Incubation Company)

POWERED BY  **pongu ventures**



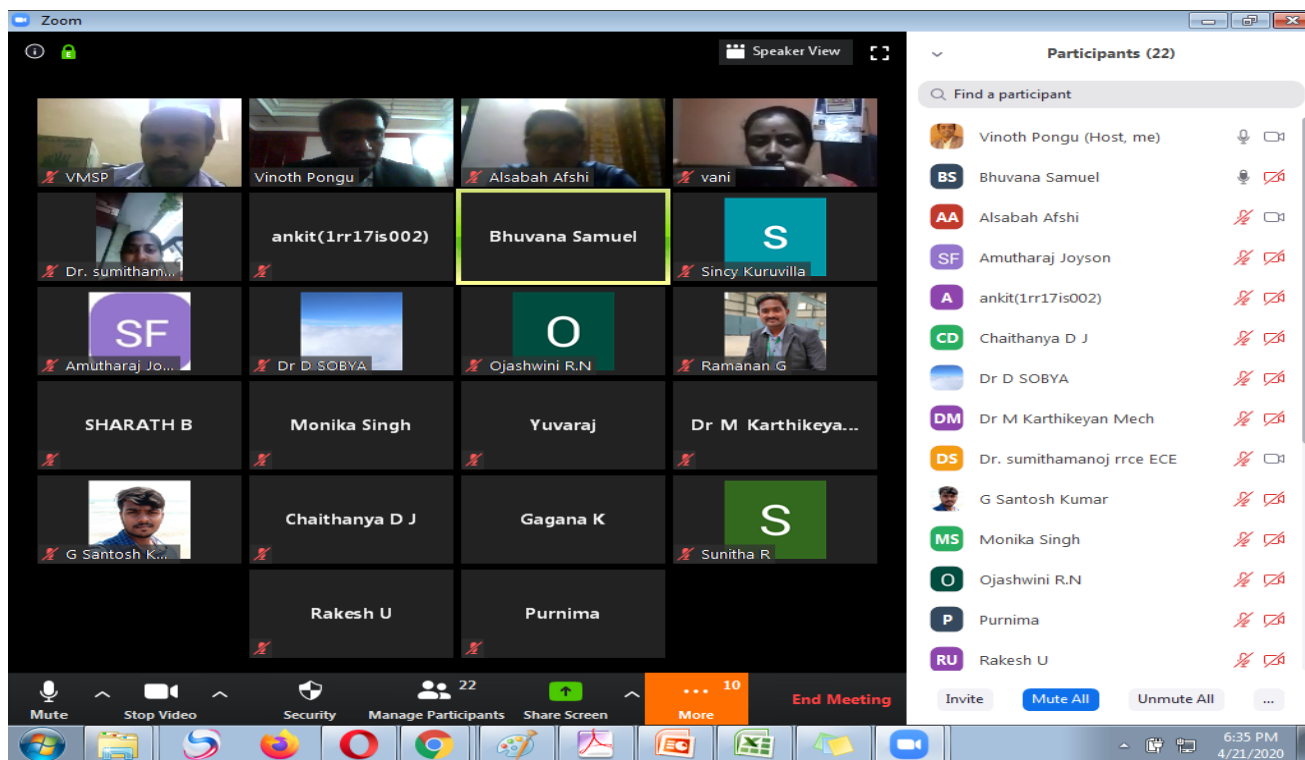
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Webinar Live Screenshot :



17. Webinar on Design Thinking and Innovative Solutions through IoT

Date: 20.5.2020 **Time:** 5.00 P.M. – 6.30 P.M.

Resource Persons:

Mrs.Neha Singhal,

Asst. Professor, ISE Dept., RRCE

Ms.Neha Bothra, (2017 ISE Alumni)

Technopreneur,

Virtual Platform : Zoom

Number of Participants: 62

Outcome: Students are given sensitization and awareness on IoT Technology for Design and implmenet solutions for social Problems.



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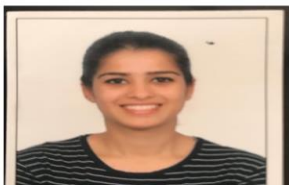
	RajaRajeswari College of Engineering Mysore Road, Kumbalagodu, Bangalore – 560074 RR Institution Innovation Council (RRIIC)	 INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)
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Webinar on

“Design Thinking, Innovative Solutions using Internet of Things (IoT) Technology”

Date: 20.5.2020 Time: 5:00 PM to 6:30 PM

Resource Persons



Neha bothra
(RRCE ISE Alumni 2017)
Technopreneur



Prof. Neha Singhal
Asst. Prof. – ISE
RRCE, Bangalore

Resource Person: Ms.Neha Bothra is an Technopreneur, delivering invited talks on “Design Thinking and Innovation using Technology” for the students and young entrepreneurs in and around Bangalore.

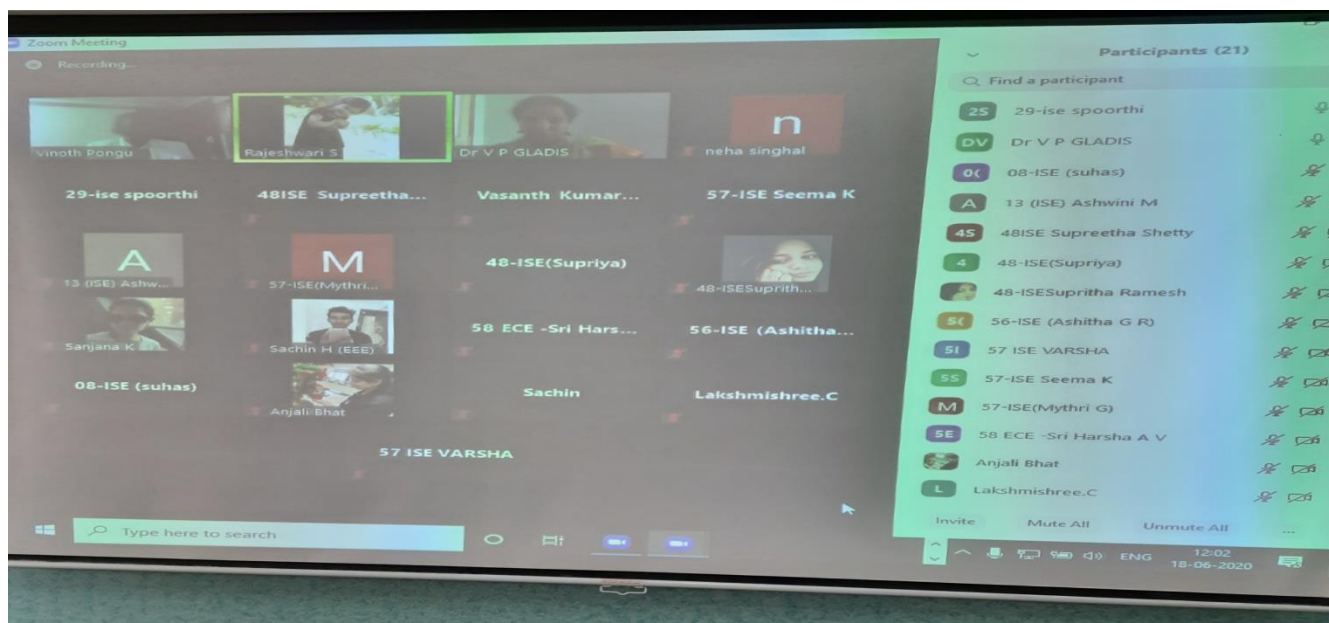
All are cordially invited to join for the Zoom meeting

Zoom Meeting Id: 724 8367 0404

Password : 0vgLQm

Dr.J.Amutharaj
President – RRIIC

Dr.T.Chandrashekar
Principal



Sample Screenshot of the Webinar session



18. MHRD IIC Online Sessions on “Innovation and Entrepreneurship Ambassador Training for Faculty members and Students”

Number of Students attended : 16

Number of Faculty attended and certified by MIC: 7

1. Dr.J.Amutharaj, Professor and HoD – ISE
2. Dr.D.Sobya, Associate Professor, ECE
3. Dr.Sumitha Manoj, Associate Professor, ECE
4. Prof. Sincy Kuruvilla, Asst. Professor, EEE
5. Prof. Sashithar, Asst. Prof., CSE
6. Prof. Mahentesh Mathapati, Asst. Prof., CSE
7. Prof. Ramkumar P, Asst. Prof., CSE

Sample Certificate:



Dr. Sumitha Manoj, Associate Professor, ECE, RRCE



19. Webinar on “IPR and IP Strategy”

Date : 20th June 2020 **Time :** 10.30 A.M. – 12.30 P.M.

Objective: The objective of this webinar on “IPR and IP Strategy” is to encourage and mentor the student innovators to conceive an idea, how to convert that idea into an Intellectual Property Right (IPR) and give an exposure on IP Strategy.

Resource Person: Mr. Nithin Sharma,

IP Strategist & Innovation Management – 5G & IoT
Qualcomm, Bangalore.

Number of Student Innovators Participated: 22

Outcome : Students and faculty members were given exposure on how to file a patent and IPR with Indian Patent Controller's office and getting the granted patent and need for Innovation and Patent filing for upcoming technology based solutions for societal programs.

Poster

The poster is for a live webinar titled "Demystifying Intellectual Property and IP Strategy" featuring Mr. Nitin Sharma, IP Strategist at Qualcomm. It includes logos for RajaRajeswari Group of Institutions, Institution's Innovation Council, and SelectSmart. The Zoom meeting details are provided: ID 939 6006 4650, Password 244329, on Saturday, 20 June 2020 at 2 pm. A note mentions that the first 500 students logging in via Zoom will get a direct interaction opportunity, and the session will also be live on YouTube.

RajaRajeswari Group of Institutions
Center for Test and Data Sciences
RajaRajeswari Business Incubator (RRBI)

Mr. Nitin Sharma
IP Strategist, Innovation Management, 5G, IOT
Qualcomm

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

LIVE WEBINAR
Demystifying Intellectual Property and IP Strategy

Zoom Meeting ID : 939 6006 4650
Password : 244329
2 pm on Saturday, 20 June 2020

First 500 students logging in thro Zoom will get an opportunity to interact with the speaker directly.
The session will be aired LIVE on YouTube for the benefit of all other students.

SelectSmart
Digital Collaborative Platform



Sample Screen Shots:

DE	Dr. Essaki Muthu (Host, me)	
MP	Muniyandi P, 1990 Mech	
A	Aasha	
A	Abinaya	
DE	Dr. Essaki Muthu 1996EC	
S	Manickam Sundaram	
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JC	Jawahar C	
KV	Karthi VS Mech'18	
S	Manickam Sundaram 93ME	
P9	Prem 91 Batch	
S	Sasikanth	
S	Senthil	
SK	Senthil Kumar	
VS	Velappan Sujatha 2003CS	
AJ	Amutharaj Joyson	



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Start up Registration supported by RajaRajeswari Institution Innovation Council (RRIIC)

Start ups in RRCE during January 2019 – December 2020

Sl.No	Name of the Start up	Founder and CEO	Branch & Year of Passing	Type of Operation
1	Enginomatic Technologies Private Limited, Bangalore	Mr. Akshay Kumar (M) 8296471492	CSE 2020 (10 th September 2020)	Online Tutoring and Student Centric Online Payment Gateway Solution development
2	Hypro, Bangalore	Ms.G. Sharmila (M) 7019709370	ECE 2020 (20 th September 2019)	Women Healthcare Solution Provider
3	Onligo Private Limited, Byatarayanapura, Bangalore	Mr. Touheed Khan (M) 6360500763	15 th January 2020	Digital Marketing Solution Provider
4	SAV e-Rentals Private Limited, Bangalore	Dr.J.Amutharaj (M) 97427-38238 Dr.D.Sobya (M) 94863-59455	Faculty March 2020	Rental Service Provider for the Construction Industry

RajaRajeswari Institution Innovation Council (RRIIC) is receiving Four Star rating from MHRD's Innovation Cell for IIC 2.0 for the Academic Year 2019 – 2020



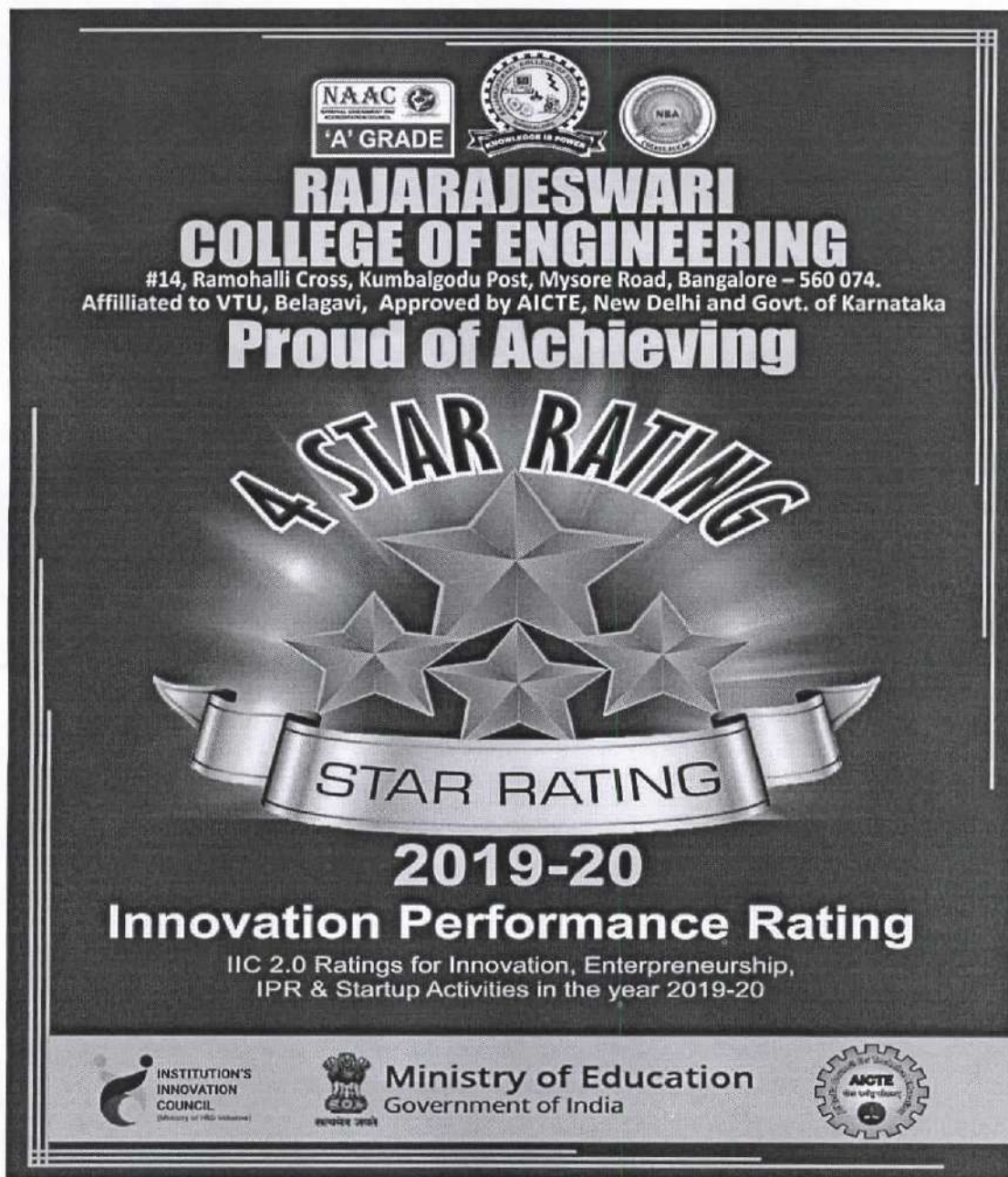
Certificate of Appreciation received from MoE's Innovation Cell / AICTE, Govt. of India




RajaRajeswari College of Engineering

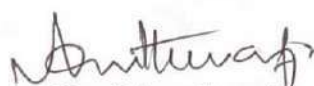
(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)


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Poster depicting the Performance of RRIIC in IIC 2.0


Dr. C Ramesh
Convenor - RRIIC
Prof. & HoD - ME
RRCE
Bangalore


Dr. J Amutharaj
President - RRIIC
Prof. & HoD - ISE
RRCE
Bangalore


Dr. T Chandrashekar
Principal
RRCE
Bangalore
Principal
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