V.V.SANGHA'S
RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGEBALLARI

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

A Brief Report
On

"STATE LEVEL IEEE PROJECT SYMPOSIUM "PRAKALP-2K22"

On, 17th June 2022

Resource Person

Dr. Vijaya lakshmi
IEEE
Senior member
Ballari

Invitation

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

Cordiallyinvitesyou forthe inaugurationof

ONE DAY WEBINAR

ON

"STATE LEVEL IEEE PROJECT SYMPOSIUM "PRAKALP-2K22"

In association with

INDIAN SOCIETY OF ELECTRICAL AND ELECTRONICS ENGINEERS

Resource Person
Dr. Vijaya lakshmi,IEEE,Senior member,Ballari

Presidedby

SriJSBASAVARAJ

Hon'bleChairman,RYMEC,Ballari

Inthe presenceof

Sri. H.M. Gurusidda Swamy	**Sri Allam Channappa**
President V.V.Sangha's, Ballari	Vice President
Dr.T.Hanumantha Reddy	**Dr.S Kotresh**
Principal,RYMEC,Ballari	Convener&HOD,RYMEC,Ballari

ALLARECORDIALLYINVITED

Organisedby

Teaching & Non-Teaching Staff

Electrical & Engineering Department, RYMEC ,Ballari

1. CONTENTS

Sl.No	Description
1	Contents
2	Title,ObjectiveandOutcomesofwebinar:
3	AboutResourcePerson
4	TopicsandPresentation slides
5	Listofparticipants attended
6	ConclusionRemarks
7	Appreciationletter toResourceperson
8	Feedback

2.Title,ObjectiveandOutcomesof webinar:

Title: "STATE LEVEL IEEE PROJECT SYMPOSIUM "PRAKALP-2K22"

Objective:

The basic aim and objective of STATE LEVEL IEEE PROJECT SYMPOSIUM **"PRAKALP-2K22** To promote the discussion and analysis of new scenarios and also to design and optimization of solar power and other systems

Outcomes:

1. The project outcome of STATE LEVEL IEEE PROJECT SYMPOSIUM **"PRAKALP-2K22** is organized .by this students able to present their working models in the common flat form
2. the students are able to exchange views innovative ideas in development of projects in emerging technologies

CO-POMapping:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	1	1	2	3	3	1	2	1	1	1	1	2	2
CO2	1	1	1	2	3	3	1	1	1	1	1	1	2	2

ACTIONTAKEN

Sl. No	Gap	Actiontaken	Date-Month-Year	RecoursePersonwith designation	%ofstudents attended	Relevanceto PO,PSO's
01	- Knowledge and hands-on experience onvarious IT tools Analysis and design solutions for complex engineering problems .Mordern engineering and IT tools - Engaging in self directed learning - Design solutions for complex engineering problems - Exhibit design & testing	**IEEE Students Project Symposium**	17-06-22	**DR VIJAYA LAXSHMI IEEE SENIOR MEMBER BAGALOT KARNATAKA**		PO1TO PO12

skills in ec field • Exhibit programming & problem • solving skills in EE domain • Engineering Knowledge • Analysis and design solutions for complex engineering problems • Knowledge and hands-on experience onvarious IT tools • Engineer & Society • Professional ethics • Team building • Communication skills • Engaging in self directed learning • Exhibit design & testing skills in EE & • Exhibit programming & problem • solving skills in EE domain					

About Resource person

Name	:	**Dr. Vijaylakshmi S. Jigajinni**

Designation	:	**Assistant Professor**
Department	:	**Electronics and Communication**
Employee ID	:	**1-465655591**
E mail ID	:	**vsjec@becbgk.edu, talk2vijusj@gmail.com**
(College official ID), (Personal mail ID)		
Contact details	:	**"Sri Guru", # 9, P. No. 57, 12th cross, Vidyagiri**
		Bagalkot
Orcid ID	:	**0000-0002-3231-5002**
Scopus ID	:	**57191430168**
Vidwan Id	:	**125048**
Researcher ID (Web ofScience)	:	**AAH-9636-2021**
Google Scholar ID	:	**wIv2ZQ0AAAAJ**
Qualification	:	
	PhD	

Professional Experience

Teaching experience	:	**19**

Administrative Responsibilities	:	1. NAAC department coordinator 2. IEEE WIE faculty advisor 3. Member of IIC-BEC 4. Coordinator of IIT Bombay Spoken tutorial program
Teaching	:	**UG and**

PGNo. of Projects Guided

UG	:	**18**

Research

Interest Area	:	1. Control system and Instrumentation 2. Artificial Intelligence and Machine Learning 3. Aircraft Health Management 4. Fault Diagnosis and Prognosis

Publications Books/Chapters	:	1. Vijaylakshmi S. Jigajinni (September 10th 2021). Health Monitoring of an Aircraft Fuel System Using Artificial Intelligence Techniques [Online First], IntechOpen, DOI: 10.5772/intechopen.99665. Available from: https://www.intechopen.com/online-first/78533
		2. Vijaylakshmi S. Jigajinni and Vanam Upendranath, **"ANFIS based fault diagnosis tool for a typical small aircraft fuel system,"** Chapter 45, Advances in Intelligent Systems and Computing Springer book series (AISC), Vol.479) Book ID: 393445, 2016, pp 708-745.
Journals (with citations)	:	1. Vijaylakshmi S. Jigajinni and Vanam Upendranath, **"Comparison of ANFIS and ANN techniques in the simulation of a typical aircraft fuel system health management",** Int. J of Artificial Intelligence and Applications (IJAIA), Vol. 9(4), 2018, pp 41-53.
		2. **"Simulation of Incipient Fault Detection, Confirmation and Diagnosis Using Kalman Filter"** published in International Journal of Science and Research (IJSR), vol.3, issue 8, ISSN (Online): 2319-7064, Impact Factor (2012): 3.358
Conferences	:	1. Vijaylakshmi Jigajinni and Vanam Upendranath, **"Health management of a typical small aircraft fuel system using an adaptive technique",** in proc. of 25th IEEE Int. Conf. on High- Performance Computing, Data and Analytics to be held in Bangalore, India during December 17-20, 2018, pp 104-112.
		2. Vijaylakshmi S. Jigajinni and Vanam Upendranath, **"Simulation and modeling of ANN-based prognosis tool for an aircraft fuel system health management",** Proc. Of 7th Int. Conf. of AI & Soft Comp, Chennai, CS & IT-CSCP, July 14-15, 2018, pp 83-93.
		3. Vijaylakshmi S. Jigajinni and Vanam Upendranath, **"ANFIS based fault diagnosis tool for a typical small aircraft fuel system,"** in the proceeding of International Conference on Intelligent Communication, Control and Devices, 2016.
		4. Vijaylakshmi Jigajinni, **"Modelling of incipent fault detection and diagnosis in DC motor using simulink"** at ICCICN-14 organised by Dept. of Information Technology, RCC Institute of Information Tech., Kolkata, India during Nov 14-16 2014
		5. S.M. Jigajinni and Vijaylakshmi Jigajinni **"Combined effect of electrical signal and accumulator in hydraulic cylinder"** at National conference FMNP-2013 organized by NIT, Hamirpur, H P, during 12th to 14th Dec 2013
		6. Vijaylakshmi Jigajinni, **"Simulation of Visible Watermarking Algorithm for a Secured Digital Camera using Verilog HDL"** at National Conference CISCON-10 MIT Manipal on 8th Nov 2010.
Invited Talks	:	1. Delivered a guest lecturer on **"Nano-Electronics"** organized by Basaveshwar PU science College, Bagalkot on 17.09.2018
		2. Delivered a technical talk on **"Sensors-interfacing to real world"** organized by Basaveshwar International Public School (BIPS) at Atal Tinkering lab, Bagalkot on 11.01.2019
		3. Presented a webinar on **"E-waste Management"** on 18th Oct. 2020 for the awareness on electronics waste management for the Inner-wheel Club members of Bagalkot district.
		4. Session on **"Creative Practices"** for ECE dept students in the Induction program for first years (Online) on 16th Dec 2020, at BEC, Bagalkot
		5. Session on **"Harmony in self and body"** in the Induction program for

STUDENTS PARTICIPATED

Sl.N	NameoftheParticipant	Designation	NameoftheInstitution/Organization	Place
1	SYEDA HAFIZA BEGUM	student	RYMEC	Ballari
2	SOUNDHARYA RATHOD H	Student	Rymec	Ballari
3	A RAJSHEKHAR	Student	Rymec	Ballari
4	AISHWARYA UM	student	Rymec	Ballari
5	AJAY M K	Student	Rymec	Ballari
6	AKASHA G	Student	Rymec	Ballari
7	AMARESH K	student	RYMEC	Ballari
8	AMITH H	Student	RYMEC	Ballari
9	B M SHAIKGOUSIYA FARHEEN	Student	RYMEC	Ballari
10	B SHRAVANI	student	RYMEC	Ballari
11	BHARATHI K	Student	RAO BAHADUR Y.MAHABALESHWARAPPAENGINEERINGCOLLEGE BELLARY- RaoBahadur Y MahabaleshwarappaEngineering College 583104	Ballari
12	CHAYA BAI P	Student	RYMEC	Ballari
13	D MANJULA	student	RYMEC	Ballari
14	DAYANAND S LAKKUNDIMATH	Student	RYMEC	Ballari
15	DHARANI T	Student	RYMEC	Ballari
16	GAVISIDDAPPA PALLED	student	RYMEC	Ballari
17	JAYASHREE BAI	Student	RYMEC	Ballari
18	K PAVANKUMAR	Student	RYMEC	Ballari
19	ShaikhHyder	student	RYMEC	Ballari
20	JayanthR	Student	RaoBahadur Y Mahabaleshwar appaEngineering College RYMEC	Ballari
21	YashwanthLokare	Student	R.Y.M.E.C	Ballari
22	PraveenkumarK Jamagav	student	RYMEC	Ballari
23	ShilpashreeBC	Student	RYMEC	Ballari
24	Rakshiths	Student	RYMEC	

25	BhoomikaHG	student	RYMEC	Ballari
26	SharvaniShekarCV	Student	RYMEC	Ballari
27	YogeshGN	Student	RYMEC	Ballari
28	BanakaraNagaraj	Student	RYMEC	Ballari
29	SRINIVAS	Student	RYMEC	Ballari
30	SudarshanaK	Student	RYMEC	Ballari
31	MeghashreeKA	Student	RYMEC	Ballari
32	Bpthrilok	Student	RYMEC	Ballari
33	MARUTHIREDDYK	Student	RYMEC	Ballari
34	ANILKUMARN MAROL	Student	RYMEC	Ballari
35	Praveensbasannavar	Student	RYMEC	Ballari
36	Manjunatha	Student	RYMEC	Ballari
37	AnandKKadappanavar	Student	RYMEC	Ballari
38	SHANTHAMURTHY	Student	RYMEC	Ballari
39	Mr.VirupakshaGoudaH	Student	RYMEC	Ballari
40	PRASHANTH KUMARAP	Student	RYMEC	Ballari
41	SANJAYSJ	Student	RYMEC	Ballari
42	Mr. PRASANTAKU MARSAHOO	Student	RYMEC	Ballari
43	VINAYAK.S.NAIK	Student	RYMEC	Ballari
44	SmiteshPatravali	Student	RYMEC	Ballari
45	KSHASHIDHAR	Student	RYMEC	Ballari
46	VittalGundi	Student	RYMEC	Ballari

47	ARSHAAD ALI SK	student	RYMEC	Ballari
48	SUJAY KUMAR C	Student	RYMEC	Ballari
49	AJITH KUMAR B	Student	RYMEC	Ballari
50	L SUDHEER	Student	RYMEC	Ballari
51	SANDEEP B M	Student	RYMEC	Ballari
52	SHETTY VIKAS	Student	RYMEC	Ballari
53	THIPPESWAMY B.V	Student	RYMEC	Ballari
54	A K JEELAN	Student	RYMEC	Ballari
55	ADIVESH K M	Student	RYMEC	Ballari
56	AMDALA SHYAMKIRAN KUMAR	Student	RYMEC	Ballari
57	AMIT SUBRAYA BHANDARI	Student	RYMEC	Ballari
58	AMITH KUMAR J N	Student	RYMEC	Ballari
59	BASAVARAJA C	Student	RYMEC	Ballari
60	CHANNADASARA RAMACHARI	Student	RYMEC	Ballari
61	DIKSHITHA	Student	RYMEC	Ballari
62	DODDABASAVA T M	Student	RYMEC	Ballari
63	G T GANESH	Student	RYMEC	Ballari
64	G V RAGHAVA	Student	RYMEC	Ballari
65	GANESHA	Student	RYMEC	Ballari
66	GENIGERA ASHOK	Student	RYMEC	Ballari
67	GIRI MALLANA GOUDA K	Student	RYMEC	Ballari
68	GOUTAM PATIL	Student	RYMEC	Ballari

Organizer:

Firstandforemost, Iwouldliketoexpressmyappreciationtotheresourcepersonforenlighteningstudents and faculty to take up the research work in their field.

The program arorganizedwasveryusefulandtheparticipantsweresatisfiedwhichcanbeunderstood by looking into the feedback of participants
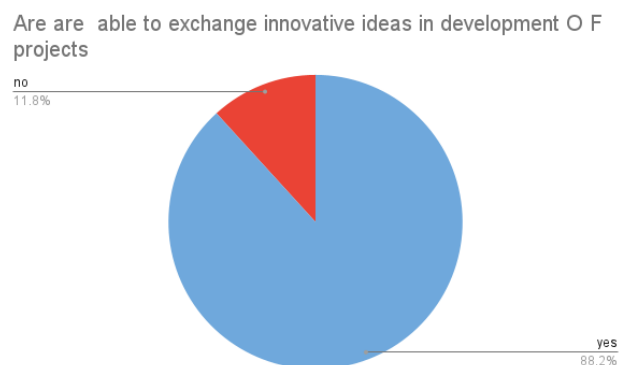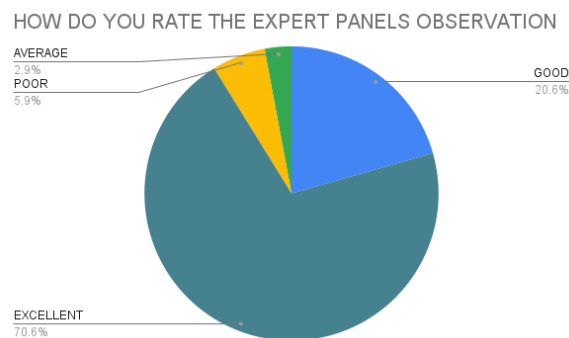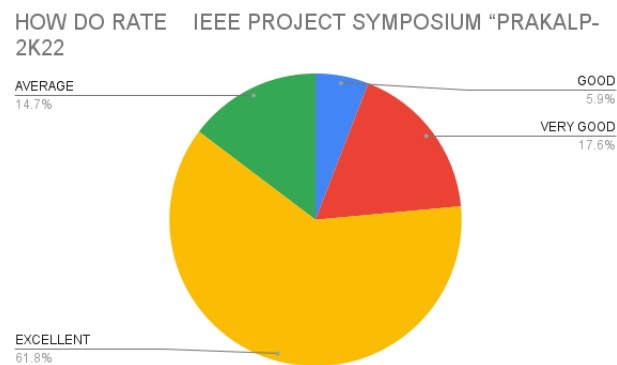
HeadoftheDepartment:

As per PAC suggestion, it was decided that IEEE PROJECT SYMPOUNIOUM TO be organized for the students during the lockdown period and the same was conveyed to to   Dr.KOTRESH .S , coordinator student workshop.

I am very happy to inform you that the Department of electrical, R Y M Engg. College organized student webinar. The EVENT was very useful to the student to build their career by using our resources. I thank all my teams' members and students for making it a grand success.

9.Feedback

Thefeedbackwascollectedbythestudents andstaffmembers.

HOW DO RATE   IEEE PROJECT SYMPOSIUM "PRAKALP-2K22

AVERAGE 14.7%

GOOD 5.9%

VERY GOOD 17.6%

EXCELLENT 61.8%

HOW DO YOU RATE THE EXPERT PANELS OBSERVATION

AVERAGE 2.9%

POOR 5.9%

GOOD 20.6%

EXCELLENT 70.6%

Are are able to exchange innovative ideas in development O F projects

no 11.8%

yes 88.2%

GeneralComments

Overall feedback is good, and students informed the organizer and Head of the department toconduct few more on technical seminars to update the knowledge in current technology used inIndustries.

.Acknowledgement

Department of Electrical and electronics engineering thank the Management for their Magnanimoussupportfororganizingthestudentwebinar.WealsothankthePrincipal,VicePrincipaland Deans fort Their continuous support to conduct thePROGRAM.

We thank Resource Person Dr.Vijaya Lakshmi for taking his time to share knowledge forourstudents.

We thank all teaching and non-teaching faculty, Department of Electrical and electronics Engineering for theirvaluableinputs and support for conducting student PROGRAM

Thank youoneand all.

HeadoftheDepartment