RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN: Kurnool
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BARIN O VISION

REPORT ON "BARIN O VISION"

Department of CSE, RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN, Kurnool, organized a One day industrial visit to **"BARIN O VISION"** on 27-02-2020 for the students of IV B.Tech I Semester, Department of CSE, Ravindra College of Engineering For Women, Kurnool.

As part of this industrial tour they visited prominent organization like "Brain O Vision", Hyderabad. At Brain O Vision, students visited various facilities and gained a lot of inputs on corporate life by their interaction with the employees. This visit was focused to know the software development life cycle stage by stage. All the students were divided into 3 batches and for each batch presentation was explained by the Software professionals.

Totally 74 Students had a good learning experience and it really benefited them to understand the work culture in an organization and their role as a future technocrat contributing for the development of the nation.

HoD CSE

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
PasupulaRoad(V), Nandikotkur Road, Near Venkayapalli,
Kurnool-518002, Andhra Pradesh, INDIA

Principal/Correspondent

Date:05-02-2020

To
The CEO,
Brain O Vision,
Hyderabad.

Sub:**Request for grant of permission to visit** Brain O Vision –**Reg.,**

Respected Sir/Madam,

We introduce ourselves as Ravindra College of Engineering for Women established in the year 2008. We offer courses at undergraduate level in the area of Engineering.

As a part of learning process, the students of our institution are encouraged to visit industry or research institute related to their field of study to strengthen their theoretical concepts. Our final year students of CSE are interested to visit 'Brain O Vision' to know more about real time Application Development Process.

In this regard, we request you to allow74 students of Final year accompanied by 2 of their teaching faculty to visit 'Brain O Vision' on **27-02-2020**.

We assure you that our students will observe the rules and regulations prescribed by BOV and obey during their visit.

An opportunity given to our students will certainly benefit to enrich their knowledge.

Your's Sincerely

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

5/2/20

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL

BRAIN O VISION

Date: 10-02-2020

To,

The Principal
(Kind Attn : HOD. CSE Department)
RAVINDRA COLLGE OF ENGINEERING FOR WOMEN
Pasupula (V), Nandikotkur Road
Near Venkayapalli.
Kurnool-518002

Sub:- Industrial visit by the students (74 Nos) to BRAIN O VISION on 27-02-2020 Reg.,

Ref:- Your letter dated 05-02-2020

Sir.

It is hereby certified that 74 No.s of students from Ravindra College of Engineering for Women. Kurnool have made a Industrial visit to BRAIN O VISION as a part of their learning process.

The visit to BRAIN O VISION on **25-02-2020.**

Yours Sincerely,
Brain O vision Solutions pvt .ltd Managing
Director

11/9/14
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
PasupulaRoad(V), Nandikotkur Road, Near Venkayapalli,
Kurnool-518002, Andhra Pradesh, INDIA

Principal/Correspondent **Date:**05-02-2017

To
The CEO,
Brain O Vision,
Hyderabad.

Sub:**Request for grant of permission to visit** Brain O Vision **–Reg.,**

Respected Sir/Madam,

We introduce ourselves as Ravindra College of Engineering for Women established in the year 2008. We offer courses at undergraduate level in the area of Engineering.

As a part of learning process, the students of our institution are encouraged to visit industry or research institute related to their field of study to strengthen their theoretical concepts. Our final year students of CSE are interested to visit 'Brain O Vision' to know more about real time Application Development Process.

In this regard, we request you to allow students of Final year accompanied by 2 of their teaching faculty to visit 'Brain O Vision' on **17-02-2017**.

We assure you that our students will observe the rules and regulations prescribed by BOV and obey during their visit.

An opportunity given to our students will certainly benefit to enrich their knowledge.

Your's Sincerely

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

BRAIN O VISION

Date: 10-02-2017

To,

The Principal
(Kind Attn : HOD, CSE Department)
RAVINDRA COLLGE OF ENGINEERING FOR WOMEN
Pasupula (V), Nandikotkur Road
Near Venkayapalli,
Kurnool-518002

Sub:- Industrial visit by the students to BRAIN O VISION on 17-02-2017 Reg.,

Ref:- Your letter dated 05-02-2017

Sir,

With Reference to your Letter Dated 05-02-2017, We are happy to Approve the Industrial visit to our esteemed Organization ***BRAIN O VISION*** for final years students of CSE, from Ravindra College of Engineering for Women, Kurnool as a part of their learning process.

With Regards,
Brain O Vision Solutions Pvt. Ltd Managing,
Director

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

95029 35039

brainovision@gmail.com

/ brainovision.in

Brain O Vision Solutions Pvt. Ltd...

Mohan's Elite, 1st Floor, H.No:2-56/5/50, Madhapur, Khanamet, Hyd - 500 081.

www.fb.com/brainovisionsolutions

RAVINDRA
COLLEGE OF ENGINEERING FOR WOMEN
Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu
Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh
(An ISO 9001:2008 Certified Institution)

REPORT ON Industrial Visit - *BRAIN O VISION*

Department of CSE, RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN, Kurnool, organized a **One day industrial visit** to ***BRAIN O VISION, Hyderabad*** *on* dated: **17-02-2017** for the students of IV B.Tech I Semester, Department of CSE, Ravindra College of Engineering For Women, Kurnool.

As part of this industrial tour they visited prominent organization like "Brain O Vision", HYDERABAD. At *BRAIN O VISION*, students visited various facilities and gained a lot of inputs on corporate life by their interaction with the employees. This visit was focused to know the **software development life cycle stages**. All the students were divided into 3 batches and for each batch presentation was explained by the Software professionals.

All Students had a good learning experience and it really benefited them to understand the work culture in an organization and their role as a future technocrat contributing for the development of the nation.

HOD CSE

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN: KURNOOL
Approved by AICTE – New Delhi, Affiliated to JNTUA,
Anantapuram , Kurnool-518002, Andhra Pradesh.

Department of Computer Science & Engineering

ACADEMIC YEAR 2016-17

Industrial Visit : *BRAIN O VISION* **Date: 17/02/2017**

S.NO	REG NO	NAME OF THE STUDENT	SIGNATURE
1	133T1A0501	A Kalpana Kumari	
2	133T1A0502	Adapala Soujanya	
3	133T1A0503	Ambati Pravallika	
4	133T1A0504	Barchi Malleswari	
5	133T1A0505	Badagouni Sandhya	
6	133T1A0506	B Shirisha	
7	133T1A0507	Bommy Reddy Harini	
8	133T1A0508	Bonthala Sai Kavya	
9	133T1A0509	Chennavaram Gousiya	
10	133T1A0510	Chagi Sravya Krishna	
11	133T1A0511	Challa Jahnavi	
12	133T1A0512	Chamala Amrutha	
13	133T1A0513	D Santhoshi Deepthi	
14	133T1A0514	Dayyala Vani	
15	133T1A0515	Ediga Latha	
16	133T1A0516	Esireddy Venkata Krishna Veni	
17	133T1A0517	G B Greeshma	
18	133T1A0518	Gudipaty Sri Mounika	
19	133T1A0519	Golla Vyshnavi	
20	133T1A0520	Gilivele Manisha	
21	133T1A0521	Golla Sripada Yadav	
22	133T1A0522	Govindinne Harshitha	
23	133T1A0523	Gundala Veena	
24	133T1A0524	Gundreddy Sindhuja	
25	133T1A0525	J Pavithra	
26	133T1A0526	Jandla Parvathi	
27	133T1A0527	K Bhargavi	
28	133T1A0528	K R Manasa Bindu	
29	133T1A0529	K Sarani Kumari	
30	133T1A0530	Kothakotta Sravani	
31	133T1A0531	Kaliki Jyothi	
32	133T1A0532	Kalva Gayani	

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road

33	133T1A0533	Kamma Nagamani	Nagamani
34	133T1A0534	Kamma Spoorthi	
35	133T1A0535	Kanduru Samaja	
36	133T1A0536	Kasa Priyanka Reddy	K. Priyanka Reddy
37	133T1A0537	Katta Prathyusha	
38	133T1A0538	Keshavareddygari Sai Prathyusha	
39	133T1A0539	Kolluru Divyatulasi	
40	133T1A0540	Korivi Charitha Reddy	
41	133T1A0541	Kothakota Bharathi	
42	133T1A0542	Kurnool Tharuni	
43	133T1A0543	M Suneetha	m Suneetha
44	133T1A0544	Machani Sahithi	
45	133T1A0545	Manchala Sirisha	Sirisham
46	133T1A0546	Maram Sireesha	Sreesham.
47	133T1A0547	Meda Chandana Priya	Priya. M
48	133T1A0548	Nichanametla Venkata Vijayalakshmi	Vijayalakshmi
49	133T1A0549	Nadagouni Vasavi	N. Vasavi
50	133T1A0550	Nandyala Jhansi Priya	M. Jhansi Priya
51	133T1A0551	Odem Roopa Devi	O Roopa Devi
52	133T1A0552	Peddachenchireddygari Satya Mounika	
53	133T1A0553	P Sowmya	P. Sowmya
54	133T1A0554	Palle Lakshmi Karthika	P. Sowmya
55	133T1A0555	Pakirvadhi Kiranmai	P. Kiranmai
56	133T1A0556	Pocha Lohitha	
57	133T1A0557	Rachepalli Mounika	
58	133T1A0558	Rangareddygari Shireesha	
59	133T1A0559	Reddy Samyuktha	
60	133T1A0560	Repalle Susheela	R. Susheela
61	133T1A0561	S K Arifa	SK. Arifa
62	133T1A0562	S Mubeena	Mubeena.
63	133T1A0563	S Nadira Faraz	S.N. Faraz
64	133T1A0564	Afrina Begum	Afrina Begum
65	133T1A0565	S.Sreelekha	
66	133T1A0566	Sareddy Chandra Rekha	Rekha
67	133T1A0567	Shaik Ghousiya Moin	Shaik Ghousiya Moin
68	133T1A0568	Shaik Nahida Kowser	Kowser Shaik.
69	133T1A0569	Shaik Neha Amreen	Amreen.
70	133T1A0570	Siddyreddy Haritha	S. Haritha
71	133T1A0571	Sivapuram Hari Priya	S. Haripriya
72	133T1A0572	Swarankari Tulasi	Tulasi.

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

HOD

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula Road(V), Nandikotkur Road, Near Venkayapalli,
Kurnool-518002, Andhra Pradesh, INDIA

Date: 02-03-2017

To
The Director,
ALL INDIA RADIO,
Kurnool

Sub: **Request for grant of permission to visit A.I.R- Reg**

Respected Sir/Madam,

We introduce ourselves as Ravindra College of Engineering for Women established in the year 2008. We offer courses at undergraduate level in the area of Engineering.

As a part of learning process, the students of our institution are encouraged to visit industry or research institute related to their field of study to strengthen their theoretical concepts. Our students of ECE are interested to visit Radio station to know more about how radio signal transmission takes place.

In this regard, we request you kindly to allow students accompanied by 2 of their teaching faculty to visit Radio station on **14-03-2017 & 15-03-2017**

We assure you that our students will observe the rules and regulations prescribed by BSNL and obey during their visit.

An opportunity given to our students will certainly benefit to enrich their knowledge.

Yours Sincerely

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula (V), Nandikotkur Road,
Near Venkayapalli, Kurnool-518 002

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

प्रसारभारती/PRASAR BHARATI
(भारतकालोकसेवाप्रसारण INDIA'S PUBLIC SERVICE BRODCASTER)
आकाशवाणी::कर्नूल-518 003(आन्ध्रप्रदेश)
ALL INDIA RADIO : KURNOOL – 518 003 (A.P.)
फोन/Phone : 259476 ; 259386 फैक्स/Fax :259476 ; 259386
ई-मेल/Email : airknl@rediffmail.com

No.Knl/ Air Resources / 2017/ Date: 15-03-2017

The Principal
(Kind Attn : HOD, ECE Department)
RAVINDRA COLLGE OF ENGINEERING FOR WOMEN
Pasupula (V), Nandikotkur Road
Near Venkayapalli,
Kurnool-518002

Sub:- Industrial visit by the students to A.I.R.Studios on **14-03-2017 & 15-03-2017** -- Reg.

Ref:- Your letter dated 02-03-2017
Sir,

It is hereby certified that students from Ravindra College of Engineering for Women, Kurnool have made an Industrial visit to A.I.R., Kurnool students as a part of their learning process.

The students visited AIR studios on **14-03-2017 & 15-03-2017**.

Yours faithfully

(S.SURENDRA BABU)
DIRECTOR (E)

एस. सुरेन्द्र बाबु
S. SURENDRA BABU
निर्देशक(अभि) . Director(Engg.)
आकाशवाणी, कर्नूल
All India Radio, KURNOOL.

RAVINDRA
COLLEGE OF ENGINEERING FOR WOMEN
Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu
Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh
(An ISO 9001:2008 Certified Institution)

REPORT ON Industrial Visit - FM RADIO STATION

Department of ECE, RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN, Kurnool, organized a two day industrial visit to "FM RADIO STATION" on 14-03-2017 & 15-03-2017 for the students.

Department of ECE, Ravindra College of Engineering For Women, Kurnool, organized a two day industrial visit to **"FM RADIO STATION"** on **14-03-2017 & 15-03-2017** under IEI & ISTE student chapters for the students.

This visit was focused to know **How Radio Signals were transmitted**. All the students were divided into 2 batches and for each batch theory was explained with the block diagram of the entire station by the Station Engineer. Then they were taken into **transmission booth** where the students observed how the RJ will do live FM radio programs, how the feeders are connected and different types of mikes were used. Then the students were taken to **multipurpose studio room,** where students were seen how the radio programs were recorded and the devices used. This was explained by the concern engineer. In **control room,** the transmitter and receiver sections were explained and finally students were taken to **antenna and radio tower section.** Here they observed and understood how the signal was sent from control room to antenna and the type of antenna they used for the purpose of transmission. The transmission frequency of Kurnool FM station is 102.4MHz. The range of transmission is 50KM and height of the antenna is 100m. Students visited FM radio station gained some practical knowledge on FM radio signals transmission.

RAVINDRA
COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu
Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh
(An ISO 9001:2008 Certified Institution)

S.NO	REG NO	NAME OF THE STUDENT	SIGNATURE
1	133T1A0401	A S Ayesha Nikhat Farheen	
2	133T1A0402	Akkaladevi Pushpanjali	
3	133T1A0403	Ala Sree Usha	
4	133T1A0404	Ameer Afrahgousiya Khan	
5	133T1A0405	Ananthu Mounika	
6	133T1A0406	Aoutala Priyanka Reddy	
7	133T1A0407	Atagara Sailatha	
8	133T1A0408	B.Srivani	
9	133T1A0409	Balaiagari Bharathi Bai	
10	133T1A0410	Bangi Vasantha Laxmi	
11	133T1A0411	Bollapu Manvitha	
12	133T1A0412	Bommana Haritha	
13	133T1A0413	Boya Madhavi	
14	133T1A0414	Busetty Lakshmi Prasanna	
15	133T1A0415	Chandragiri Vyshnavi	
16	133T1A0416	Challa Bhargavi Sriharika	
17	133T1A0417	Chandrathi Geetha	
18	133T1A0418	Chinnaganganna Saivineetha	
19	133T1A0419	Chitrachedu Sai Supraja	
20	133T1A0420	Devulamkatti Sumathi	
21	133T1A0421	Dhara Mounika	
22	133T1A0422	E Anjali	
23	133T1A0423	E Anusha	
24	133T1A0424	Ediga Maha Lakshmi	
25	133T1A0425	Ediga Pavani	
26	133T1A0426	Ediga Sasirekha	
27	133T1A0427	Erigala Suma Latha	
28	133T1A0428	Etukuri Sreelakshmi	
29	133T1A0429	Golla Manasa	
30	133T1A0430	Gudala Bindhubhargavi	
31	133T1A0431	Gumpula Sandhya Rani	
32	133T1A0432	Gunda Nagaveena	
33	133T1A0433	Gunthakanti Shireesha Reddy	
34	133T1A0434	Javvaji Renuka	

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Nandikotkur Road
KURNOOL

RAVINDRA
COLLEGE OF ENGINEERING FOR WOMEN
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Nandikotkur Road, Pasupala Village, Venkayapalli, Kurnool - 518452, Andhra Pradesh
(An ISO 9001:2008 Certified Institution)

35	133T1A0435	K Vedavathi	Vedavathi
36	133T1A0436	Karnati Mahalakshmi	KMahalakshmi
37	133T1A0437	Mounika	Mounika
38	133T1A0438	Korrapati Nikhila	Nikhila
39	133T1A0439	Kambati Sukanya	Sukanya
40	133T1A0440	Kanchamreddy Srivani	
41	133T1A0441	Karreddula Vijayalakshmi	
42	133T1A0442	Katabathina Harika	Harika
43	133T1A0443	Katakam Madhuri	Madhuri
44	133T1A0444	Kathri Latha	
45	133T1A0445	Kempula Lakshmi	Lakshmi
46	133T1A0446	Kota Haritha	
47	133T1A0447	Kouluru Akhila	Akhila
48	133T1A0448	Kurapati Nagaravali	
49	133T1A0449	Kuruva Yashoda	
50	133T1A0450	L Keerthi Chowdary	KC
51	133T1A0451	Lingala Renuka Devi	Renuka
52	133T1A0452	Lingam Sushmitha	Sush
53	133T1A0453	M Radhika	M. Radhika
54	133T1A0454	Makam Akhila	Akhila
55	133T1A0455	Makam Sravyachandrika	
56	133T1A0456	Mallu Sailaja	Sa
57	133T1A0457	Malupeddu Sharanya	Sharanya
58	133T1A0458	Maramreddy Jyothirmai Reddy	Jyothi
59	133T1A0459	Md Sana Nousheen	Md. Nousheen
60	133T1A0460	Momin Sana Afrin	
61	133T1A0461	Mukkamalla Hari Chandana	Chandana
62	133T1A0462	Mungara Geethanjali	Geethanjali
63	133T1A0463	Muthyala Indu	Muthyala Indu
64	133T1A0464	Muzavar Shameem Sultana	
65	133T1A0465	N M Sippora Srujana	N M Srujana
66	133T1A0466	Nadakatla Thirumala	N Thirumala
67	133T1A0467	Nandavaram Sirisha	
68	133T1A0468	Narala Nandini	Nandini
69	133T1A0469	Narala Sindhuri	N Sindhuri
70	133T1A0470	Pesala Suwarna	
71	133T1A0471	P Swathi	Swathi

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Venkayapalli, KURNOOL-518 002

Ravindra
College of Engineering for Women

HOD CSE<hodcse@recw.ac.in>

Confirmation on dates forWorkshop - Regd.
1 message

HOD CSE<hodcse@recw.ac.in> Sept 4, 20202:15PM

To: **Gangisetty Sunil Kumar<sunilkumargangisetty@gmail.com>**

Dear Sir,

Good afternoon and hope you are doing good.The department of CSE is planning to organize a Five day Workshop on"MachineLearning Concepts" for the students of II, III & IV B.Tech I Semester from 07.09.2020 To 11.09.2020. I would like to request you to kindly confirm the same.

Thanking you,

Regards

HOD,
Dept. Of CSE,
RECW.

12/9/14

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

Ravindra
College of Engineering for Women

Gangisetty Sunil Kumar<sunilkumargangisetty@gmail.com>

Workshop dates confirmed...
1 message

Gangisetty Sunil Kumar<sunilkumargangisetty@gmail.com> Sept 4, 2020 8:04PM

To: HOD CSE<hodcse@recw.ac.in>

Hi Sir/Madam,

I am Good and hope the same from you. Thanks for inviting me as a resource person and I am available during the dates. This is for your confirmation.

With regards,
Mr. Gangisetty Sunil Kumar,
Sr. Software Engineer,
TCS.

11/9/14

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

04-09-2020

CIRCULAR

The department of Computer Science & Engineering is organizing a **Five day Workshop** on **"Machine LearningConcepts"** from **07.09.2020 to 11.09.2020**. All the II, III & IV B.Tech I Semester students are here by informed to attend this workshop without fail. All the sessions will be handled by the Resource person **Mr. Gangisetty Sunil Kumar, Sr. Software Engineer, TCS.**

04/09/20

HOD-CSE

Copy to file
Copy to Notice Board
Copy to Principal

14/9/21

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

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Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

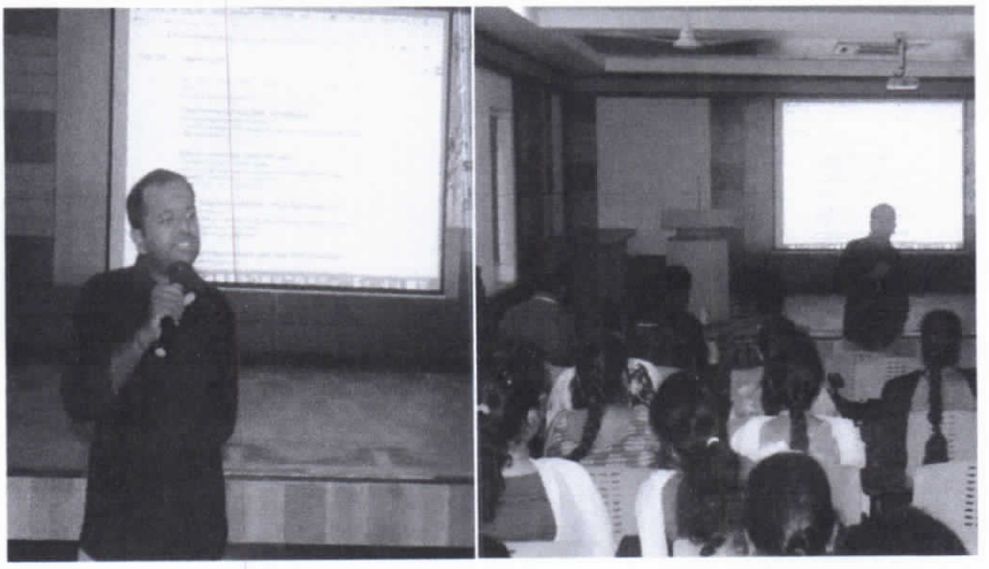
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Five day Workshop on "Machine Learning Concepts"

A **Five day Workshop** on **"Machine LearningConcepts"** from **07.09.2020 to 11.09.2020** was conducted for II, III & IV B.Tech I Semester CSE students. The department of CSE, Ravindra College of Engineering for Women, Kurnool invited **Mr. Gangisetty Sunil Kumar, Sr. Software Engineer, TCS**. The resource person elaborated on Machine Learning Concepts and the application areas of it.

Machine Learning is getting computers to program themselves. If programming is automation, then machine learning is automating the process of automation. Writing software is the bottleneck, we don't have enough good developers. Let the data do the work instead of people. Machine learning is the way to make programming scalable.

The session mainly focused on Key Elements of Machine Learning, Types of Learning such as Supervised learning, Unsupervised learning, Semi-supervised learning and Reinforcement learning, Inductive Learning, The Essence of Inductive Learning and A Framework For Studying Inductive Learning.



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HOD

11/9/20
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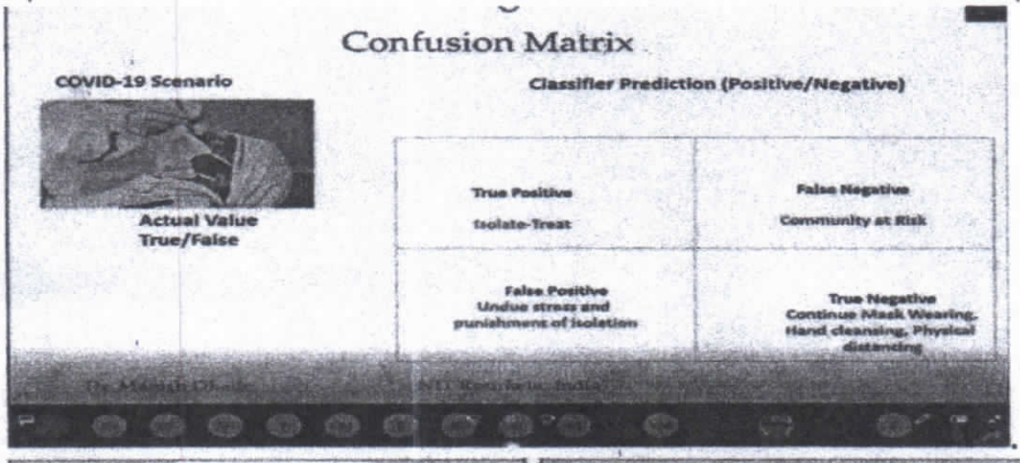
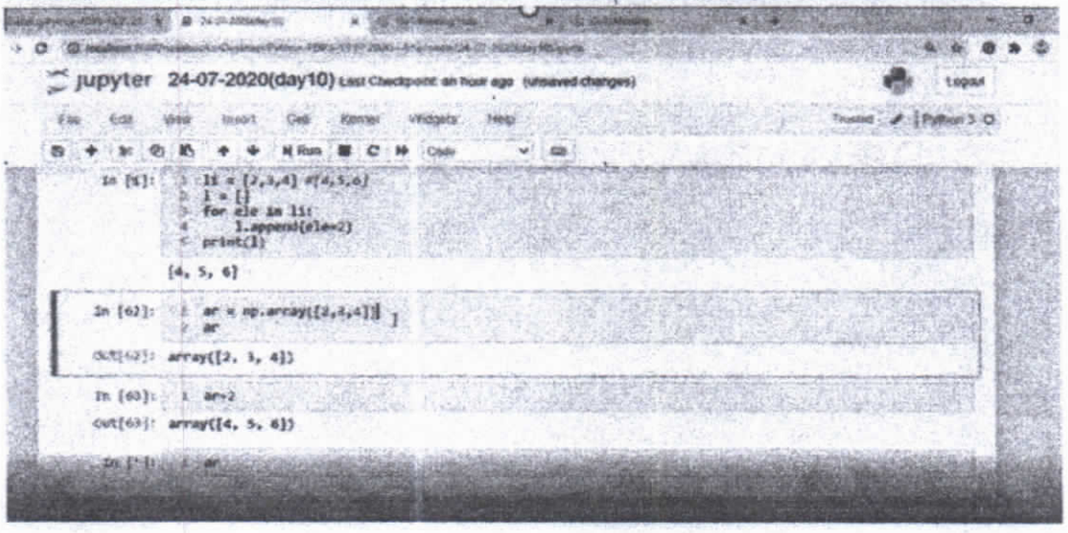
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT ON WORKSHOP CONDUCTED FROM 11TH TO 29TH MAY 2021ON "MACHINE LEARNING APPLICATIONS"

Department of ECE has conducted a three days' workshop on "Machine Learning Applications" form 11th to 29th May 2021. The workshop was organized by MADBLOCKS Pvt Ltd, Hyderabad. Mr.P.Madhu, Director and Solution Architect and team has trained the students of IV ECE with hands-on sessions. The students were trained in python programming in machine learning algorithms in Jupiter platform.





M. Tayal
Faculty In-charge

11/9/21

HOD,ECE 29/5/21

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

DATE: 01-06-2021

All the II,III ECE B.Tech students are informed to attend a two - day Guest Lecture on "Drones-career an applications" on 28-06-2021& 29-06-2021 by DIT,Tirupathi. Hence all the students are informed to attend the workshop without fail.

Dr. V.Vijaya Kishore,
HOD-ECE

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LIST OF PARTICIPANTS FROM ECE

Event: workshop on Machine Learning Applications **Date:**11-05-2021 To 29-05-2021

Branch: ECE **Year:**IV

S.NO	ROLL NO.	NAME OF THE STUDENT
1	173T1A0401	A HARITHA
2	173T1A0402	A SOWMYA
3	173T1A0403	AKULA MANOGNA
4	173T1A0404	ALIVELU BHUMIKA
5	173T1A0405	ANNAGOWNI RAMANI
6	173T1A0406	ANUMAPURAM DIVYA
7	173T1A0407	BANDA HARITHA
8	173T1A0410	BHATTI MUSKAN KHATOON
9	173T1A0411	BOMMIREDDY DIVYA
10	173T1A0412	BONTHAM RANI GAYATHRI
11	173T1A0413	BOYA SANDHYA RANI
12	173T1A0415	C YUKTHA DEEPTHI
13	173T1A0416	CHAKALI LOKESWARI
14	173T1A0417	CHETTAY SOUNDARYA LAHARI
15	173T1A0418	CHINTHA MANIDEEPIKA
16	173T1A0419	ESKALA SRAVYA
17	173T1A0420	GAJULA KAVITHA
18	173T1A0421	GERA RIYA
19	173T1A0422	GOLLA KRISHNA PRIYANKA
20	173T1A0423	GOPU REVATHI
21	173T1A0424	GRANDHE SRAVANI
22	173T1A0425	GUNJALLI MOUNIKA
23	173T1A0426	H MD SADIA FARHEEN
24	173T1A0427	JAGALAMARI PAVANI
25	173T1A0428	KANDIKERI SAI JEEVANI
26	173T1A0437	KOTA SANDHYA RANI
27	173T1A0438	KUNA HARITHA
28	173T1A0439	KURUVA MAMATHA
29	173T1A0440	LANKAYAPALLI MAMATHA
30	173T1A0441	M YASASWINI
31	173T1A0442	MOPURI JYOSHNA
32	173T1A0443	MUNAGALA VINEELA
33	173T1A0444	NEELAM SIRIDHA
34	173T1A0445	NEMALI SUSMITHA
35	173T1A0446	P DIVYA
36	173T1A0447	P MANASA
37	173T1A0448	P SRAVANI
38	173T1A0449	PALLE ROHINI
39	173T1A0450	PALUCHANI SHIVANI
40	173T1A0451	PATIL DEEPIKA

14/9/21

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41	173T1A0452	PEDDISETTY PRIYANKA
42	173T1A0453	PENIKALAPATI KALYANI
43	173T1A0454	PENIKALAPATI MAHESWARI
44	173T1A0455	PEREDDY MADHURI
45	173T1A0456	POLL SHARADA REDDY
46	173T1A0457	POTHIREDDYGARI MEGHANA
47	173T1A0458	RAYAVEERA SINDHUJA
48	173T1A0459	REDDYPALLI LIKHITHA
49	173T1A0460	S ASMA SIDDIQI
50	173T1A0461	S G AFRIN SULTANA
51	173T1A0462	S K SAI PRACHURITHA
52	173T1A0463	S RAQEEBA JABEEN
53	173T1A0464	S SHAREEN MEHNAAZ
54	173T1A0465	SAUDAGAR MUSKAAN
55	173T1A0466	SHAIK ANEES FATHIMA
56	173T1A0467	SHAIK ISHRATH SULATANA
57	173T1A0468	SHAIK MEHANAZ PARVEEN
58	173T1A0469	SHAIK NOOR E KAUSAR
59	173T1A0470	SHAIK RUSHDIYA SABA
60	173T1A0471	SHAIK SANA FATHIMA
61	173T1A0472	SHAIK UZMA TAMKEEN
62	173T1A0473	SWAMYREDDY GARI LAVANYA
63	173T1A0474	T HYMAVATHI
64	173T1A0475	TAZAEEN SUNDUS
65	173T1A0476	THATICHERLA PRANATHI
66	173T1A0477	V SRAVANI
67	173T1A0478	VALLURU SREEVANI
68	173T1A0479	VALMIKI SRAVANI
69	173T1A0482	YEDIRE YASHASWINI
70	173T1A0483	YELAMPALLE SUCHEMANTHIKA
71	173T1A0484	SHAIK PARVEEN
72	183T5A0401	A V NAVYA SREE
73	183T5A0402	C SUSMITHA
74	183T5A0403	T SUPRIYA

M. Jayal
29/5/21

4/9/21

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ravindra
College of Engineering for Women

HOD CSE<hodcse@recw.ac.in>

Confirmation on dates for a Guest Lecture - Regd.
1 message

HOD CSE<hodcse@recw.ac.in>

Aug 27, 2020 03:46 PM

To: **K Karthik<karthikktechm@gmail.com>**

Dear Sir,

We are planning to organize a Guest Lecture on "Mobile Computing" for the students of II & III B.Tech I Semester on 29th August, 2020. I request you to let us know your availability during the mentioned schedule. Please confirm the same at an earliest.

With Regards,

HOD,
Dept. Of CSE,
RECW.

12/9/20
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Near Venkayapalli, KURNOOL-518 002

Ravindra
College of Engineering for Women

Karthik<karthikktech@gmail.com>

Guest Lecture date confirmed…
1 message

K Karthik<karthikktech@gmail.com> Aug 27, 2020 07:46 PM

To: HOD CSE<hodcse@recw.ac.in>

Hi Sir/Madam,

Good Evening and this is Mr. Karthik K. I am available during the specified time. As per your request for the guest lecture, the dates are feasible and I will definitely handle the session. Can you please make the necessary arrangements like E-classroom etc.,

With regards,
Mr. Karthik K,
Sr. Software Engineer,
Tech M.

12/9/24
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

27-08-2020

CIRCULAR

All the II & III B.Tech I Semester students are here by informed to attend a **Guest Lecture** on **"Mobile Computing"** on **29.08.2020** being delivered by **Mr. Karthik K, Sr. Software Engineer, Tech Mahindra.** All the students are instructed to attend without fail.

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27/08/'20
HOD-CSE

14/9/20
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Brief Report on "Mobile Computing"

In Ravindra College of Engineering for Women, Kurnool, the CSE department has organized a **guest lecture** on **"Mobile Computing"** on **29.08.2020** for II & III B.Tech I Semester students. For this program, **Mr. Karthik K, Sr. Software Engineer, Tech Mahindra** was as a resource person.

A technology that allows transmission of data via a computer without having to be connected to a fixed physical link is known as mobile communication. Mobile computing has three aspects: mobile communication, mobile hardware, and mobile software. The first aspect addresses communication issues in ad-hoc and infrastructure networks as well as communication properties, protocols, data formats and concrete technologies. The second aspect is on the hardware, e.g., mobile devices or device components. The third aspect deals with the characteristics and requirements of mobile applications. Mobile voice communication is widely established throughout the world and has had a very rapid increase in the number of subscribers to the various cellular networks over the last few years. An extension of this technology is the ability to send and receive data across these cellular networks. This is the principle of mobile computing. Mobile data communication has become a very important and rapidly evolving technology as it allows users to transmit data from remote locations to other remote or fixed locations. This proves to be the solution to the biggest problem of business people on the move - mobility. Mobile computing has several characteristics reminiscent of distributed systems.

30/08/'20
HOD CSE

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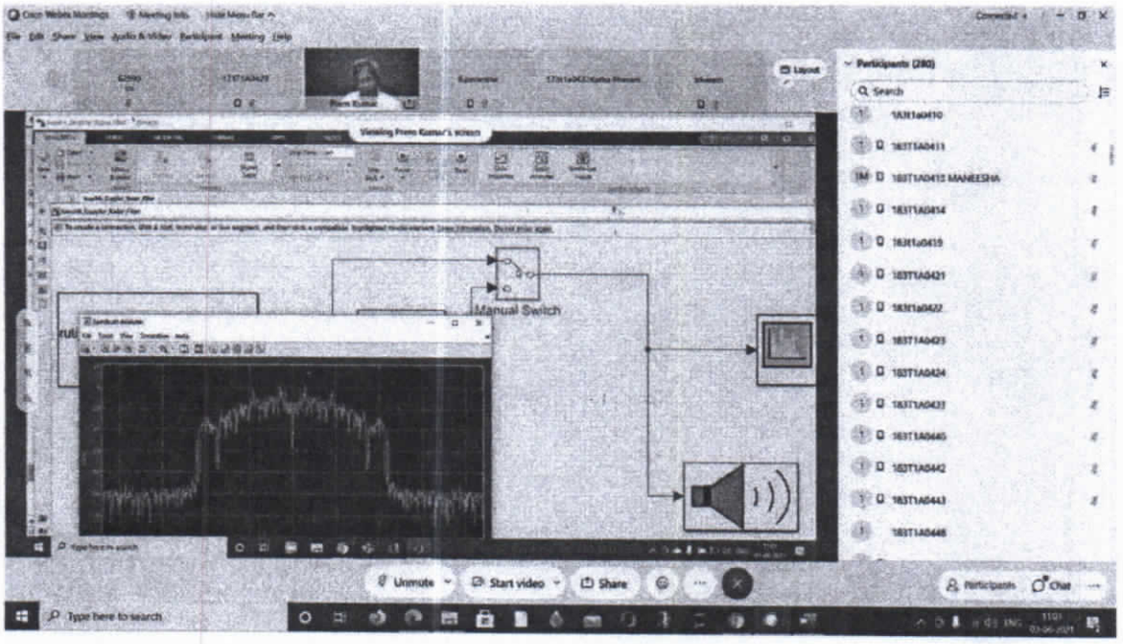

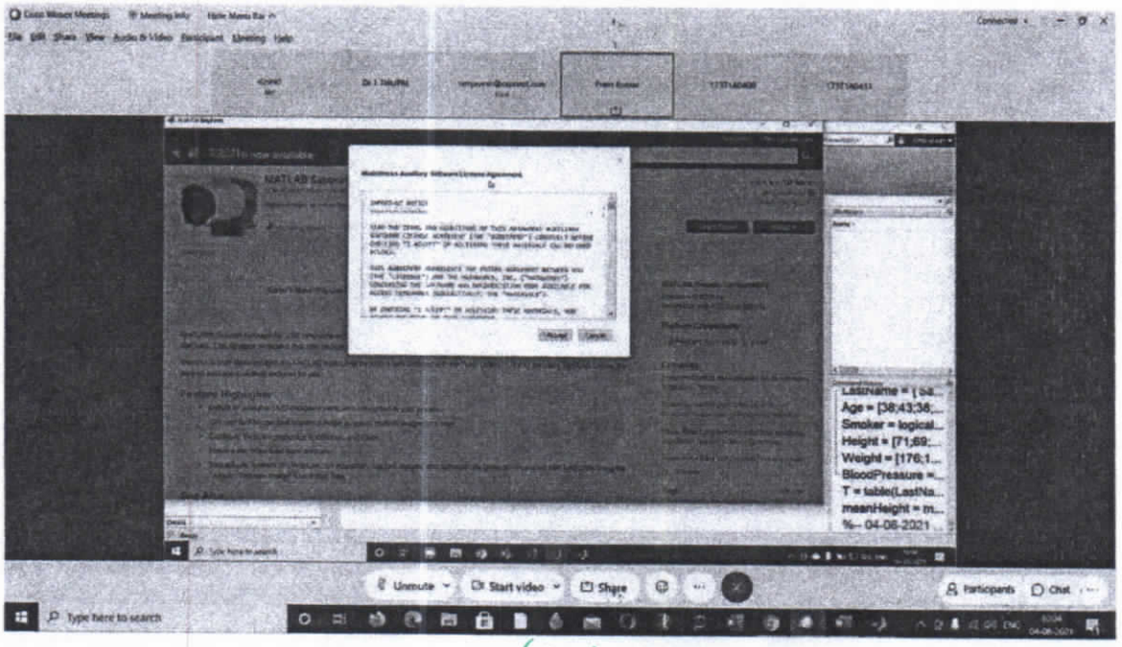

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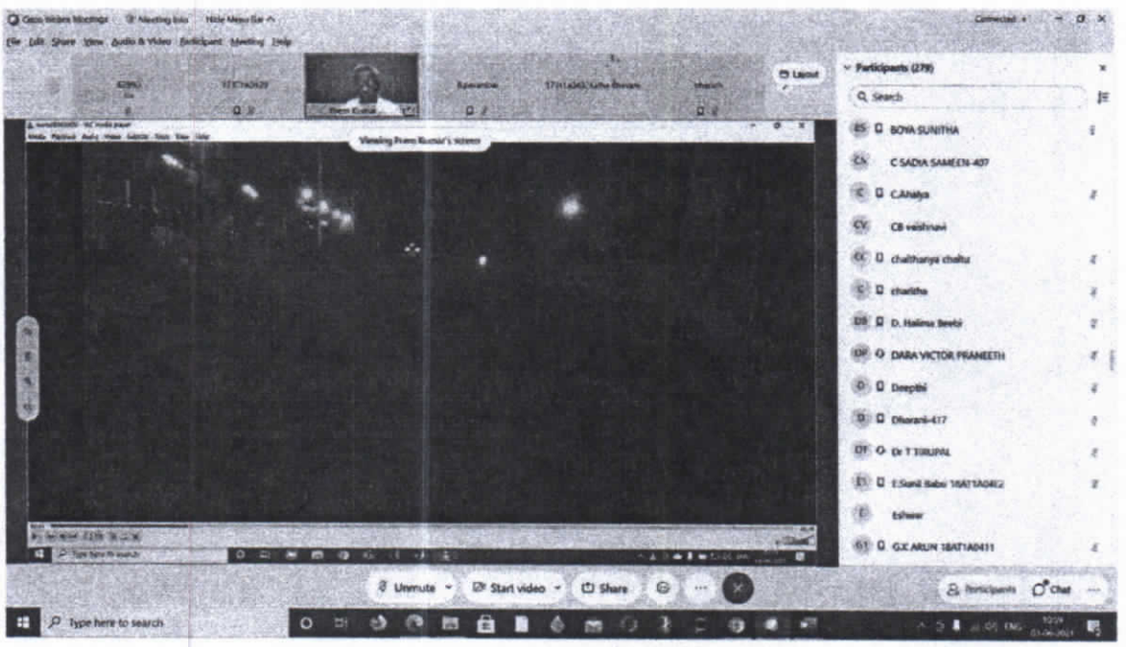

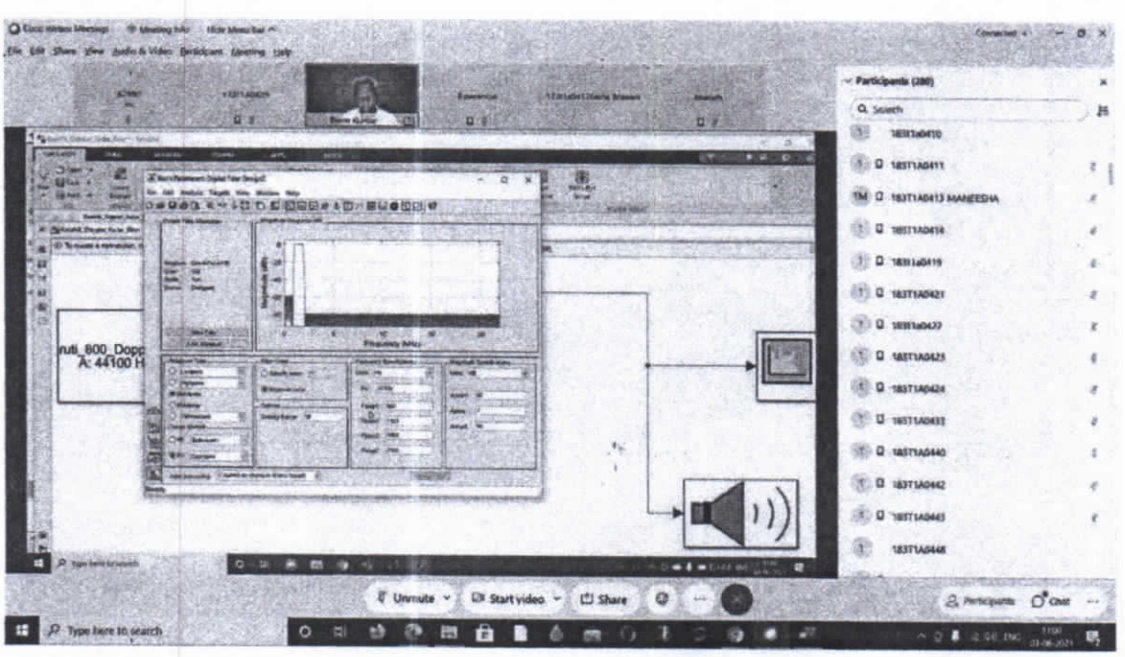

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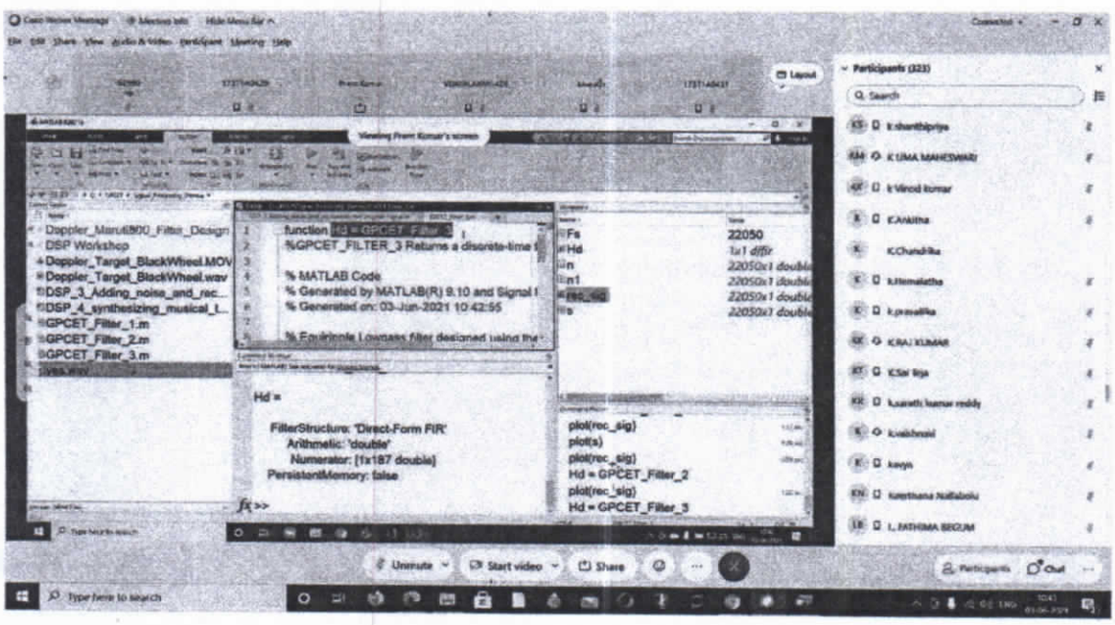

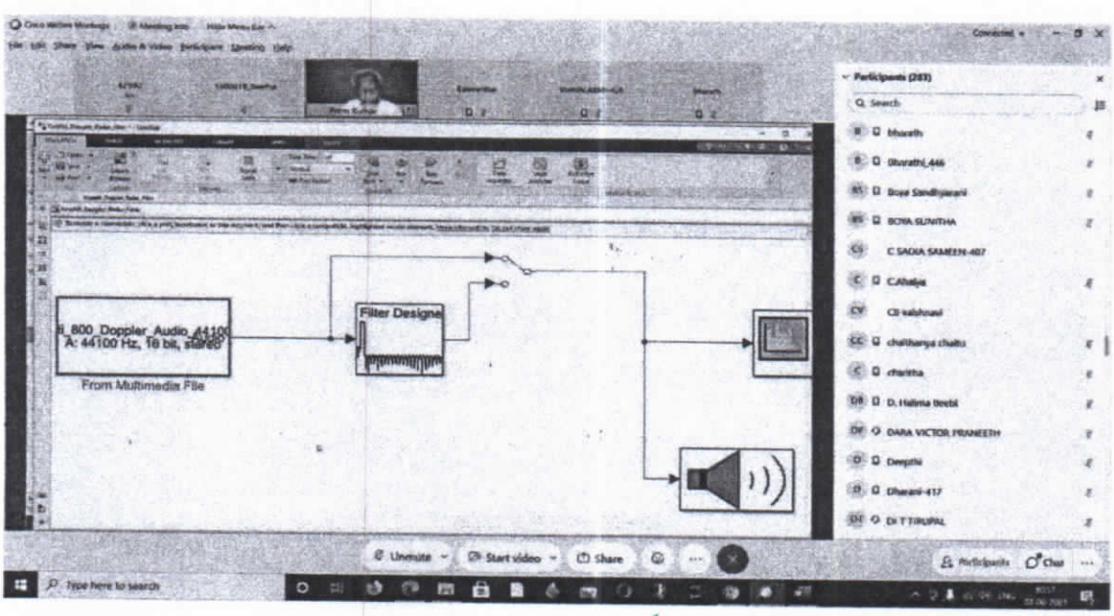

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WEBINAR ON MATLAB

A webinar was conducted on MATLAB for students of II-, III- and IV-year students under the department of ECE. The webinar was addressed by Prem Kumar sir from MathWorks. It was a 2-day workshop from 03-06-2021 TO 04-06-2021. The session included practical application of various programs in MATLAB.

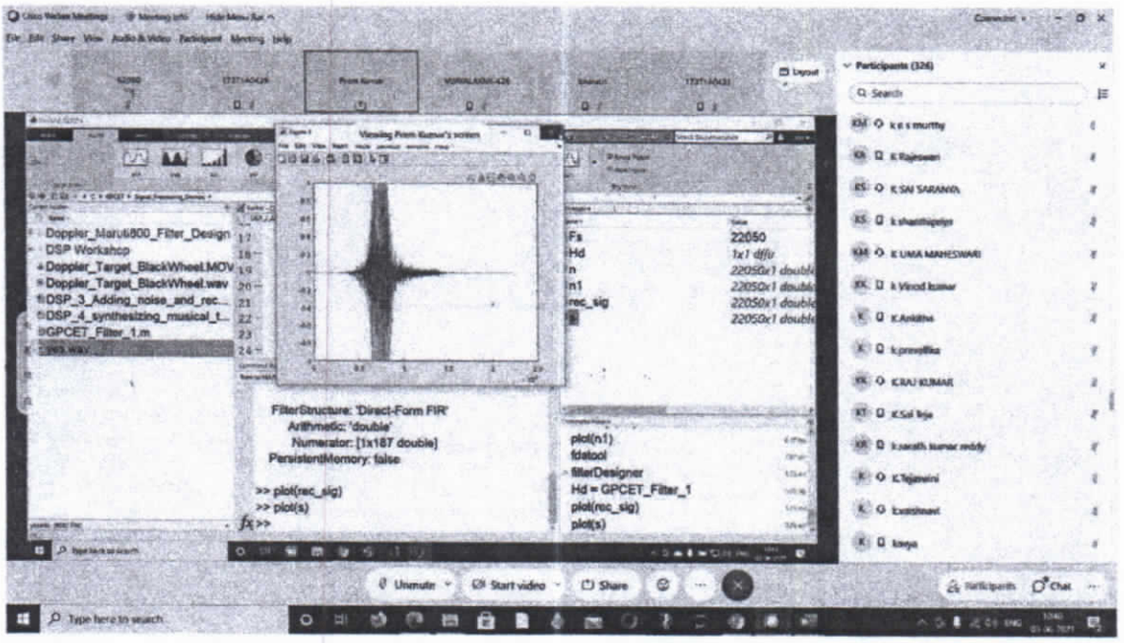
DAY1: SIGNAL PROCESSING

Day 1 was about signal processing and implementation of various signals using programs. The students were able to see the projection of signals in MATLAB.

DAY2: IMAGE PROCESSING

Day 2 was about image processing and the students were shown live implementation of the various programs in MATLAB.

At the end, there was an interactive Q&A session where sir interacted with the students about their doubts and queries.



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RCEW/ECE/CG/GL2020-21

Kurnool,

24-05-2021.

From,
Dr. V.Vijaya Kishore,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

To,
Mr.Prem kumar
,rainer
Mathworks.

Respected Sir,

Sub: Curriculum Gaps – Guest Lecture – Invitation Request – Reg .

Ravindra College of Engineering for Women, Kurnool, called RCEW with a motto of **"Join To Learn Leave To Serve"** is a well renowned engineering college in the Rayalaseema region and has shown excellent records in the past years. The objective of the Guest/Expert Lecture is to bridge gap in the University Curriculum and topics beyond the syllabus.

In this connection the Department Academic Committee of ECE has identified you as a resource person and it's an honour to invite you to deliver guest lecture on "MATLAB Software Application" for II, III & IV B.Tech students on 03.06.2021. Your expertise and experience in this area will be an excellent addition to our students to upgrade their knowledge.

Kindly communicate your acceptance at earliest through letter or email (hodece@recw.ac.in). This will enable us to prepare for successful lectures.

Thanks and Regards

Yours Sincerely

24/5/21

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

(Dr.V.Vijaya Kishore)

24/5/21

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

DATE: 01-06-2021

All the II,III & IV ECE B.Tech students are informed to attend a two - day Guest Lecture on "MATLAB Software Application" on 03-06-2021& 04-06-2021 by Prem Kumar, Mathworks. Hence all the students are informed to attend the Guest Lecturer without fail.

1/6/21

Dr. V.Vijaya Kishore,
HOD-ECE

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14/6/21

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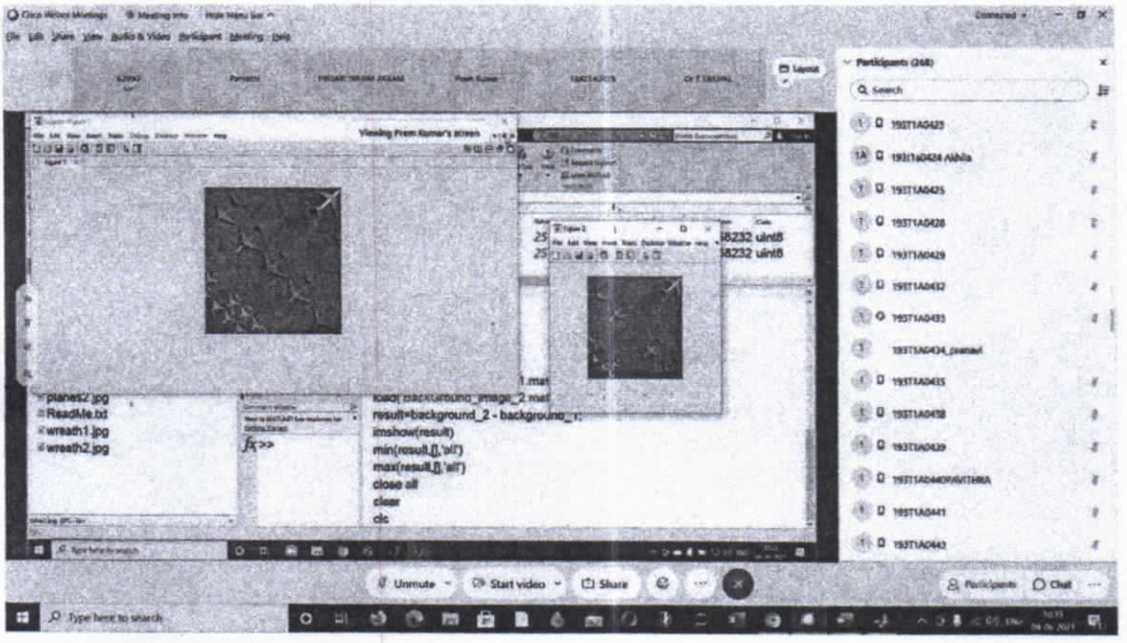

Faculty In-charge

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-19

Sl. NO.	ROLL NO	NAME OF THE STUDENT	TITLE OF WORKING MODEL
1	153T1A0561	M SWALEHA TABASSUM	MULTI TRAFFIC SCENE PERCEPTION USING SUPERVISED LEARNING
	153T1A0585	POTTALAPADU MANASA	
	153T1A05A3	SWATHI CHAWAN	
	153T1A0568	NAGETTI SRAVANIPRAVALLIKA	
2	153T1A05B3	VANGALA INDRAJA	COLLEGE ENQUIRY CHATBOT SYSTEM
	153T1A05A6	T CHANDRAKALA	
	153T1A0571	P RAMYA	
	153T1A05B2	VADDHI LAYA	
3	153T1A0565	MARATHI TEJESWARI BAI	DIABETIES PREDICTION USING MACHINE LEARNING
	153T1A05A9	TELUGU JYOTHSNA	
	153T1A0573	P SHAHISTHA	
	153T1A05A8	T SUSMITHA	
4	153T1A0577	PAGIDALA VINITHA	BIKE SHARING DEMAND PREDICTION
	153T1A05B8	YEDHURUPATI AMANI	
	153T1A0560	M REETHU	
	153T1A05A2	SUNKESWARI SAI GUNASREE	
5	153T1A0508	B N HARIKA	AUTOMATION OF EXAM INVIGILATION SYSTEM
	153T1A0523	D SUSHRUTHA	
	153T1A0527	FARZEEN AARA	
	153T1A0509	B SRAVANI	
6	153T1A0531	HARDHAGERI BURJINTI MAMATHA	DETECTION OF ONLINE FAKE NEWS USING MACHINE LEARNING TECHNIQUES
	153T1A0556	M HEMA	
	153T1A0507	B HAVEELA RANI	
7	163T1A0533	ELLURU SAI PRAVALLIKA	FACE DETECTION
	163T1A0528	DANDU NAGASUPRIYA	
	163T1A05A2	TENDYALA VENKATA LAKSHMI PARVATHI	
	163T1A0596	SOWDAGAR SADIYA SAMREEN	
8	163T1A0572	NARAYANA REDDY GARI MANOJA	ANDRIOD BATTERY SAVER SYSTEM

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	163T1A0582	PESARI SAI MANI MANASWINI	
	163T1A05A6	VATTIKUTTI MOUNICA	
	163T1A05A7	VEERAPOGU HEMALATHA	
	163T1A05B2	ZUFISHAN MAHEEN	
9	163T1A0556	M SAI MOULYA	MOBILE WALLET WITH MERCHANT PAYMENT
	163T1A0551	KUNUKUNTLA SAILATHA	
	163T1A0547	KOILAKONDA SIREESHA	
	163T1A0506	AKABOTE RUPASRI	
10	173T1A0541	KALAGOTLA MOUNIKA	ANDRIOD BLUETOOTH COMMMUNICATION
	173T1A0509	BATTULA DRUVANA	
	173T1A0576	RACHAKONDA SREESAHITHI	
	173T1A0575	PULYALA JAYASREE	
11	173T1A0550	KURUVA PUJITHAM HIMA VARSHA	DESIGN YOUR OWN LOW-COST IOT ROBOT
	173T1A0552	LODHI AYESHA SUMMAYA KHATOON	
	173T1A0553	M AYESHA SIDDIQUA	
	173T1A0543	KARANAM NITYA CHOWDESWARI	
12	173T1A0554	MABBU SARANYA	IOT BASED SMART CAMERA
	173T1A0568	PATIL SWABHAVIKA	
	173T1A0561	NALLAM TEJESWINI	
	173T1A0512	BUKKASAMUDRAM LAKSHMI SOWMYA	
13	163T1A0526	CHITTALA UMAMAHESWARI	HOME AUTOMATION IOT PROJECTS
	163T1A0546	KATTA HARITHA	
	163T1A0538	GADWALA MAMATHA	
	163T1A0542	GRANDHIVEMULA SAI SUDHA	
14	173T1A0566	PALYAM SWETHA	WINDOWS 10 ON RASPBERRY IOT PROJECTS
	173T1A0568	PATIL SWABHAVIKA	
	173T1A0561	NALLAM TEJESWINI	
	173T1A0512	BUKKASAMUDRAM LAKSHMI SOWMYA	
15	173T1A0565	PALLE BHAVYA SREE	WIRELESS VIDEO SURVEILLANCE ROBOT
	173T1A0558	MATAM DEEPTHI	
	173T1A0517	CHAKRAVARAM YAMINI	

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	173T1A0502	AKKI DIVYA	
16	163T1A0532	EJANTHAKAR DEEPIKA	SMART GARAGE DOOR
	163T1A0559	MALKARI ALURU SUPRIYA BAI	
	163T1A0574	P VAISHNAVI	
	163T1A0553	KURUVA PUSHPA	
17	173T1A0556	MANDLA VENKATA SAI PURNIMA	AUTOMATED BLINDS
	173T1A0585	SAJJA JYOTHI	
	173T1A0571	POTHIREDDY PAVITHRA	
	173T1A0520	CHIMILI DIVYA SAI	
18	163T1A0565	MARIA ASGAR BANU G	HUMIDITY AND TEMPERATURE MONITORING
	163T1A0548	KOLA ADILAKSHMI	
	163T1A0527	DABBARA NITHYA SREE	
	163T1A0512	BAVIGADDA KESHAVARDHINI	
19	163T1A0525	CHINTHALA SAI VINUTHNA	BAGGAGE TRACKER
	163T1A0529	DASARI MANASA	
	163T1A0533	ELLURU SAI PRAVALLIKA	
	163T1A0542	GRANDHIVEMULA SAI SUDHA	
20	173T1A0514	BYSANI RAMYA SRI	SIGN TO SPEECH USING THE INTERNET OF THINGS
	173T1A0591	SHAIK SHAHEEN ANJUM	
	173T1A0567	PAPASANI DHARMA PRIYA	
	173T1A0557	MANIYAR HEENA TASKEEN	
21	173T1A0555	MADAM NITHINA	IOT AND TOUCH-BASED HOME AUTOMATION
	173T1A0536	ITIKELA HARSHITHA	
	173T1A0521	CHINNAMUNTALA CHAITHYA	
	173T1A0576	RACHAKONDA SREESAHITHI	
22	173T1A0534	GUNTHA SON	TEMPERATURE LOGGING SYSTEM
	173T1A0536	ITIKELA HARSHITHA	
	173T1A0543	KARANAM NITYA CHOWDESWARI	
	173T1A0545	KONETI CHARMILA REDDY	
23	163T1A0593	SHAIK SABAHAT ERAM	WORLD'S SMALLEST IOT PROJECT

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	163T1A0562	MANDATI SWAPNA	
	163T1A05A0	T PREETHI	
	163T1A05A1	TAMIDELA VASUDHA REDDY	
24	163T1A0550	KOTHINTI VAISHNAVI	SMART WIRELESS WATER METER WITH WEB DB IOT PROJECTS
	163T1A0547	KOILAKONDA SIREESHA	
	163T1A0553	KURUVA PUSHPA	
	163T1A0543	GUJARATHI SAIREKHA	
25	173T1A0551	LABBE HAJEERA RAMERA	ONLINE CHATING TRHOUGH VOIP
	173T1A0549	KURUVA MAMATHA	
	173T1A0567	PAPASANI DHARMA PRIYA	
	173T1A0569	PINJARI ARSHIA FARHEEN	
26	173T1A0559	MOHAMMAD AYESHA SIDDIKA	LANE LINE DETECTION
	173T1A0539	JAGATAB BHAGYA	
	173T1A0588	SARDAR BELALOCHANA SUNDARA RANI	
	173T1A0595	SYED SHIFA NAAZ	
27	173T1A0532	GONTLA VENKATA DEEPTHI	FIRE DETECTION AND LOCALIZATION USING SERVEILLANCE CAMERA
	173T1A0542	KALLAM SUSHMA SWARAJ	
	173T1A0519	CHENNAREDDY DHARANI	
	173T1A0551	LABBE HAJEERA RAMERA	
28	173T1A0550	KURUVA PUJITHAM HIMA VARSHA	TURN YOUR PHONE INTO A CONTACTLESS THERMOMETER
	173T1A0552	LODHI AYESHA SUMMAYA KHATOON	
	173T1A0553	M AYESHA SIDDIQUA	
	173T1A0543	KARANAM NITYA CHOWDESWARI	
29	173T1A0530	GOLLA KALYANI	A SIMPLE TIMER BASED ON ARDUINO UNO
	173T1A0517	CHAKRAVARAM YAMINI	
	173T1A0526	G AMRUTHA	
	173T1A0535	GURRALA SUSMITHA	
30	173T1A0522	DAMAM JANAHITHA	MESH NETWORKING-BASED SMART DOOR WITH ESP 32 CAM
	173T1A0536	ITIKELA HARSHITHA	
	173T1A0548	KURUVA MAHALAKSHMI	
	173T1A0556	MANDLA VENKATA SAI PURNIMA	

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31	173T1A0585	SAJJA JYOTHI	AUTOMATIC CONTACTLESS SWITCH FOR SMART HOME
	173T1A0594	SUNKA CHANDRIKA	
	173T1A0596	SYEDA FAZILATH JAHAA	
32	163T1A0502	ADAVENI SUKANYA	SMART GARAGE DOOR
	163T1A0503	ADAVENI VINEETHA	
	163T1A0504	ADHIKARI DIVYASREE	
	163T1A0506	AKABOTE RUPASRI	
33	163T1A0551	KUNUKUNTLA SAILATHA	AIR POLLUTION MONITORING SYSTEM
	163T1A0553	KURUVA PUSHPA	
	163T1A0554	KURUVA VINEELA	
	163T1A0513	BEEMISETTY VIDYA SRI	
34	163T1A0549	KOTHAPALLI SPHOORTHI	HOME AUTOMATION SYSTEM
	163T1A0540	GANGAVARAPU SUJANA	
	173T1A05A6	Y EESHA PREETHY	
	173T1A05A7	YALURU VINITHA	
35	163T1A0530	DESHAM SHANTHI	SMART GAS LEAKAGE DETECTOR BOT
	163T1A0531	EDIGA SUPRIYA	
	163T1A0511	BALAPANUR HARISHA	
	163T1A0515	BOYA JYOTHI RENU SREE	
36	163T1A0524	CHINNAPAPAMMAGARI SIVA SWETHA	SMART ANTI-THEFT SYSTEM
	163T1A0527	DABBARA NITHYA SREE	
	163T1A0531	EDIGA SUPRIYA	
	163T1A0535	G DEVI PRIYA	
37	163T1A0539	GAJULA SUSHMA	HEALTH MONITORING SYSTEM
	173T1A0578	RANGAREDDY GARI JAYASREE	
	163T1A0542	GRANDHIVEMULA SAI SUDHA	
38	163T1A0548	KOLA ADILAKSHMI	FLOOD DETECTION SYSTEM
	163T1A0551	KUNUKUNTLA SAILATHA	
	163T1A0554	KURUVA VINEELA	
	163T1A0558	MALEKAR MOUNIKARANI	
39	163T1A0564	MANUBOLU CHARISHMA	HOME AUTOMATION USING INTERNET OF

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	163T1A0565	MARIA ASGAR BANU G	THINGS
	163T1A0570	NAMA ALEKHYA	
40	163T1A0572	NARAYANA REDDY GARI MANOJA	
	163T1A0575	PADALA SUCHITRA	IOT BASED STEPPER MOTOR CONTROL WITH RASPBERRY PI
	163T1A0576	PALLE SUKANYA	
	163T1A0584	POLISETTY BHAVANA	

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D. Working Models

The following are the list of working models being developed by the students over the years.

Academic year 2019-20

S NO	NAME OF THE FACULTY	ROLL NO	TITLE OF WORKING MODEL
1	G.V.R. SAGAR	173T1A0432	AUTOMATIC STREET LIGHT CONTROL USING IC 555
		173T1A0436	
		173T1A0441	
		173T1A0435	
2	Y. SREENIVASULU GOUD	173T1A0416	RADAR SYSTEM USING ULTRASONIC SENSOR
		173T1A0438	
		173T1A0417	
		173T1A0440	
3	C.AHALYA	173T1A0407	MOBILE CHARGER
		173T1A0409	
		173T1A0413	
		173T1A0406	
4	N. GEETHA RANI	173T1A0426	AUTOMATIC STREET LIGHT CONTROL USING ARDUINO
		173T1A0425	
		173T1A0442	
		173T1A0429	
5	G. SIVAIAH	173T1A0465	SMART FRIDGE
		173T1A0475	
		173T1A0472	
		183T1A0447	
6	M.JYOTHIRMAI	173T1A0458	SMART WI-FI CAR USING ARDUINO
		173T1A0482	
		173T1A0444	
		173T1A0411	
		173T1A0484	
7	V.SUPRAJA	173T1A0477	BRAKE FAILURE INDICATOR
		173T1A0476	
		173T1A0483	
8	K. V. SIVA REDDY	173T1A0461	AUTOMATIC CAR WIPER SYSTEM
		173T1A0468	
		173T1A0466	
		173T1A0420	

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9	P. KISHOR KUMAR	175T1A0403	SOIL MOISTURE SENSOR
		173T1A0443	
		173T1A0453	
10	M.V. RAMANA REDDY	173T1A0460	ULTRASONIC CONTROL BASED MUSIC PLAYER
		173T1A0464	
		173T1A0459	
		173T1A0413	
11	R. HIMA BINDU	173T1A0478	WATER LEVEL INDICATOR
		173T1A0446	
		173T1A0477	
12	K. VIJAY KUMAR	173T1A0470	ALCOHOL DRUNK AND DRIVE ALERT SYSTEM
		173T1A0448	
		173T1A0437	
		183T5A0401	
13	T. KISHORE	183T1A0414	DOOR LOCK WITH ANDROID SMART PHONE
		183T1A0420	
		183T1A0412	
		183T1A0463	
14	M. JYOTHI	183T1A0437	CRADLE MONITORING SYSTEM
		183T1A0474	
		183T1A0456	
		183T1A0466	
15	G. SREENIVASULU	183T1A0450	DOOR MAT SECURITY SYSTEM
		183T1A0451	
		183T1A0452	
		183T1A0460	
		183T1A0473	
		183T1A0479	
16	B. SULOCHANA	183T1A0418	FACE RECOGNITION BASED ON LOAD CONTROL
		183T1A0411	
		183T1A0425	
		183T1A0402	
		183T1A0480	
17	U. ATIYA	183T1A0435	WEATHER MONITORING SYSTEM
		183T1A0438	
		183T1A0440	

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18	P. SURENDRA BABU	173T1A0454	FINGER PRINT DOOR LOCK USING ARDUINO
		173T1A0445	
		183T5A0402	
		173T1A0403	
20	S. RUKSANA	173T1A0409	GROCERY MONITORING SYSTEM
		173T1A0423	

		173T1A0415	
		173T1A0469	
21	K. VIJAY KUMAR	163T1A0413	SMART DIGITAL DISPLAY
		163T1A0407	
		163T1A0421	
		163T1A0427	
22	P. SURENDRA BABU	163T1A0438	WEARABLE IOT ENABLED REAL TIME BLOOD PRESSURE AND HEART RATE MONITORING DEVICE
		163T1A0439	
		163T1A0440	
		163T1A0441	
23	G. SIVAIAH	163T1A0449	SMART HELMET AND BIKE SYSTEM
		163T1A0450	
		163T1A0451	
		163T1A0452	
24	G. SREENIVASULU	163T1A0461	SMART HELMET AND BIKE SYSTEM
		163T1A0462	
		163T1A0463	
		163T1A0464	
25	M.V. RAMANA REDDY	163T1A0472	SMART HELMET AND BIKE SYSTEM
		163T1A0473	
		163T1A0474	
		163T1A0475	

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SNO.	ROLL NO.	NAME OF THE STUDENT	TITLE OF THE PAPER	JOURNAL NAME
1.	163T1A0502	ADAVENI SUKANYA	Pre recruitment training and job searching android app	International Journal for Research in Technical Studies(IJRTS) Vol:7, issue:7, June 2020.
	163T1A0512	BAVIGADDA KESHAVARDHINI		
	163T1A0508	B RUKHAIYYA ANJUM		
	163T1A0537	G KAVERI		
2.	163T1A0519	C MOUNICA	Detection of fake online reviews using supervised and semi-supervised learning	Advance Science Letters (ASL) Vol:26, issue:5, May 2020.
	163T1A0547	KOILAKONDA SIREESHA		
	163T1A0528	DANDU NAGA SUPRIYA		
	163T1A0551	KUNUKUNTLA SAILATHA		
3.	163T1A0513	BEEMISETTY VIDYA SRI	Distinguishing phishing sites utilizing Machine Learning	International Journal for Research in Technical Studies(IJRTS) Vol. 7, Issue 7, June 2020.
	163T1A0533	ELLURU SAI PRAVALLIKA		
	163T1A0507	ANJUM PARVEEN S		
	163T1A0539	GAJULA SUSHMA		
4.	163T1A0534	EPURU RANJITHA	Detecting pick pocket suspects from large scale public transit records	Advance Science Letters (ASL) Vol:7, issue:7, May 2020.
	163T1A0559	MALKARI ALURU SUPRIYA BAI		
	163T1A0521	CHAKKA LAKSHMIMOUNIKA		
	163T1A0545	JANGAMREDDY ANKITHA REDDY		
5.	163T1A0501	A NAGA KRISHNASREE	Predecting Cyberbullying on Social Media in the Big Data Era using Machine Learning Algorithms Review Of Literature	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0520	CHADUVULA RAGA PRANEETHA		
	163T1A0510	BAIRI SOUNDARYA		
	163T1A0556	M SAI MOULYA		

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6.	163T1A0549	KOTHAPALLI SPHOORTHI	Reliability and availability evaluation for cloud data center networks using hierarchial models	Advance Science Letters (ASL) Vol:26, issue:5, May 2020.
	163T1A0518	BY REDDY TEJASWINI		
	163T1A0553	KURUVA PUSHPA		
	163T1A0525	CHINTHALA SAI VINUTHNA		
7.	163T1A0504	ADHIKARI DIVYASREE	Active online learning for social media analysis to support crisis management	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0503	ADAVENI VINEETHA		
	163T1A0526	CHITTALA UMAMAHESWARI		
	163T1A0506	AKABOTE RUPASRI		
8.	163T1A0522	CHATAKONDU NAGA MOUNIKA	Efficient and Practical for Secure Data Sharing with Multi-Owner in Cloud Computing	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0535	G DEVI PRIYA		
	163T1A0558	MALEKAR MOUNIKARANI		
	163T1A0532	EJANTHAKAR DEEPIKA		
9.	163T1A0540	GANGAVARAPU SUJANA	Heart disease prediction using data mining	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0557	MADARLA LAKSHMI VAISHNAVI		
	163T1A0527	DABBARA NITHYA SREE		
	163T1A0543	GUJARATHI SAIREKHA		
10.	163T1A0555	M RAMYA	Title-normalization of duplicate records from multiple sources	Advance Science Letters (ASL) Vol:26, issue:6, June2020.
	163T1A0517	BOYA USHA SHREE		
	163T1A0511	BALAPANUR HARISHA		
	163T1A0531	EDIGA SUPRIYA		
11.	163T1A0548	KOLA ADILAKSHMI	An efficient and privacy preserving biometric identification scheme in cloud computing	Advance Science Letters (ASL) Vol:26, issue:6, June2020.
	163T1A0546	KATTA HARITHA		
	163T1A0516	BOYA SAI DIVYA		
	163T1A0509	BADRISETTY VEERA NAVYA		
12.	163T1A0514	BOYA BHARATHI	Proficient Detectable	International Journal Of

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	163T1A0515	BOYA JYOTHI RENU SREE	Support Scan Pursuit For Protected Cloud Data	Analytical And Experimental Modal Analysis (IJAEMA) Vol:12, issue:6, June 2020.
	163T1A0554	KURUVA VINEELA		
	163T1A0530	DESHAM SHANTHI		
13.	163T1A0523	CHINNAHULTHI INDHU	A privacy preserving public auditing for shared data in the cloud	Advance Science Letters (ASL) Vol:25, issue:5, June 2020.
	163T1A0524	CHINNAPAPAMMA GARI SIVA SWETHA		
	163T1A0529	DASARI MANASA		
	163T1A0542	GRANDHIVEMULA SAI SUDHA		
14.	163T1A0541	GANGULA SUHAPRASANNA	Attendance system based on face recognition	Advance Science Letters (ASL) Vol:26, issue:5, June 2020.
	163T1A0539	GADWALA MAMATHA		
	163T1A0544	GUNDA SRI DURGA		
	163T1A0550	KOTHINTI VAISHNAVI		
15.	163T1A05A4	VACHANI KRUPALI PATEL	Social networks for Spammer Detection and recognition of fake users	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0576	PALLE SUKANYA		
	163T1A0593	SHAIK SABAHAT ERAM		
	163T1A0560	MALLU MANEESHA		
	163T1A0586	REDDYPOGU VIJETHA		
16.	163T1A0562	MANDATI SWAPNA	location inference for non-geo tagged tweets in user timelines	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:9, issue:5, June 2020.
	163T1A0573	NIHARIKA A		
	153T1A0534	K AYESHASIDDIQHA		
	163T1A0566	MARRI.BHAVYA SREE REDDY		
17.	163T1A0580	PEDDIAHGARI SAI PRASANNA	Energy efficient scheduling of servers with multi sleep modes of cloud data centers	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0585	RAJAMREDDY PRAVALLIKA		
	163T1A0579	PATHAPATI SAI SRUTHI		

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	163T1A05B0	YERAKALA SYAMALA		
18.	163T1A05A1	TAMIDELA VASUDHA REDDY	Traffic and energy aware routing for heterogeneous wireless networks	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:9, issue:5, June 2020.
	153T1A0591	S AFREEN		
	163T1A0577	PANDEM CHANDANA		
	163T1A05B1	YERRU AMRUTHA REDDY		
	163T1A0563	MANNEPALLI ANUSHA		
19.	163T1A0591	SHAIK ASRA JABEEN	Efficient fine-grained data sharing mechanism for electronic medical record systems with mobile devices	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:9, issue:6, June 2020.
	163T1A0567	MASULADARI SUCHARITHA		
	163T1A05A2	TENDYALA VENKATA LAKSHMI PARVATHI		
	163T1A0590	SHAHEERA SHAHWAR		
	163T1A0595	SHAIK ZUBEDHA		
20.	163T1A0575	PADALA SUCHITRA	Analysis of Women safety in India cities suing python on tweets	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:8, issue:5, May 2020.
	163T1A0569	NALLAGATLA KAVYA		
	163T1A0572	NARAYANA REDDY GARI MANOJA		
	163T1A0596	SOWDAGAR SADIYA SAMREEN		
	163T1A0589	SHAGUFTA MAHEEN S		
21.	163T1A0597	SRI LAKSHMI L	Credit card fraud detection using adabost and majarity voting techniques	International Journal for Science and Advance Research In Technology Vol:9, issue:6, June 2020.
	163T1A0565	MARIA ASGAR BANU G		
	163T1A0581	PEDDINTI JANANI AKANKSHA		
	163T1A05A3	UPPARA VIJAYA LAKSHMI		
	163T1A0592	SHAIK JABEEN		
22.	163T1A05A5	VANKADARA SOWMYA	Cloud storage based SSGK to protect communication	Advance Science

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	163T1A0578	PANDITI RANGAMANI	process and shared data from unauthorized access in Big Data era	Letter, Vol:26, issue:6, June 2020.
	163T1A05B2	ZUFISHAN MAHEEN		
	163T1A0583	PINJARI AMEENA		
23.	163T1A0574	P VAISHNAVI	Health monitoring on social media over time	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:9, issue:6, June 2020.
	163T1A0570	NAMA ALEKHYA		
	163T1A05A6	VATTIKUTTI MOUNICA		
	163T1A0564	MANUBOLU CHARISHMA		
24.	163T1A05A8	VEETURI AMRUTHA	Privacy-preserving attribute-based keyword search in shared multi-owner setting	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol:9, issue:6, June 2020.
	163T1A0561	MALLU RAVALI		
	163T1A0598	SUDDAMALLA JYOSHNA		
	163T1A0568	MATAM HARINISREE		
25.	163T1A0536	G INDIRA	Design of Selenium web driver automation testing framework	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
26.	163T1A0582	PESARI SAI MANI MANASWINI	Migration Automation	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
27.	163T1A0571	NANDYALA BUSU MADHURI DIXITHA	Organizational structure of cloud based customer contact service center	International Journal for Science and Advance Research In Technology (IJSART) Vol:6, issue:6, June 2020.
28.	163T1A05A9	VYAPARI JEEVAN SUVARNIKA	Trialect	International Journal for Science and Advance Research In Technology (IJSART)

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				Vol:6, issue:6, June 2020.
29.	163T1A0587	S AKHEELA	Enciphered Polymorphic characteristic of Clustering	Advance Science Letters (ASL) Vol:26, issue:6, June 2020.
	163T1A0584	POLISETTY BHAVANA		
	163T1A0599	T DIVYA		
	163T1A05A0	T PREETHI		
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ACADEMIC YEAR 2019-20

S.NO	FACULTY NAME	PUBLICATION TITLE	TITLE OF CONFERENCE/JOURNAL	MONTH & YEAR	ISSN/ISBN NUMBER
1	DR.K.E.S.MURTHY	IMPROVED DARK CHANNEL PRIOR FOR FAST IMAGE DEHAZING USING WEIGHTED GUIDED IMAGE FILTER	International Journal of Management, Technology and Engineering	Jul-19	ISSN:2277-2723
		JOINT DEBLURRING AND DENOISING OF HYPERSPECTRAL IM	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Jul-19	ISSN: 2278-3075
		DESIGN OF BUILDING RISK MONITORING FROM EARTHQUAKES USING WIRELESS SENSOR NETWORK	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Aug-19	ISSN: 2278-3075
2	DR.G.V.R.SAGAR	MALWARE DETECTION USING OPTMIZED ACTIVATION BASED DEEP BELIEF NEURAL NETWORK:AN APPLICATION ON INTERNET OF THINGD	World Scientific Journal	Jan-20	ISSN:0219649 2-17936926
		IMPLEMENTATION OF OPTIMAL LOAD BALANCING STRATEGY FOR HYBRID ENERGY MANAGEMENT SYSTEM IN DC/AC MICROGRID WITH PV AND BATTERY STORAGE	IJE Journal	Oct-19	ISSN:1025249 5
		TIME COMPLEXITY OF PROPOSED EVOLUTIONARY ALGORITHM	IJET	Aug-19	ISSN:2319867 3-09754024
		DEIGN OF RC4 STREAM CIPHER FOR SECURED COMMUNICA	IJET	Aug-19	ISSN:2319867 3-09754024
3	Y.SREENIVASULA GOUD	LOW POWER AND ENERGY EFFICIENT LOGIC CIRCUIT DESIGN BY USING ADIABATIC TECHNIQUES	IJIRCCE	May-20	ISSN:2320-9801
		A NOVEL APPROACH TO LAYOUT DESIGN OF 2-BIT BINARY RIPPLE CARRY ADDER USING CMOS NAND GATES	IJIRCCE	May-20	ISSN:2320-9801
		PATHOLOGICAL BRAIN TUMOR DETECTION USING CLAHE	Test Engineering and	January-	ISSN: 0193-

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4	M.JAYALAKSHMI	[illegible] AND LS-SV[illegible]	[illegible] Ma[illegible]gement	February 2020	[illegible] 4120
		PATHOLOGICAL BRAIN TUMOR DETECTION USING CLAHE AND LS-SVM	ICCCEEE	10-11 January 2020	ISBN:978-93-89107-69-2,10-11 January 2020
5	C.AHALYA	STRUCTURALLY ADAPTIVE MATHEMATICAL MORPHOLOGY FRAME WORK FOR COLOR IMAGES	JOURNAL OF APPLIED SCIENCE AND COMPUTATIONS	Nov-19	ISSN:0076-5131
		OPTIMIZED TECHNIQUE FOR DETECTION OF AUTOMATIC MICROANEURYSMS DETECTION ON RETINAL IMAGES BLOOD VESSELS	Alochana Chakra Journal	May-20	ISSN NO.2231-3990
		BRAIN TUMOR DETECTION FROM MARI IMAGES,	MUKT SHABD JOURNAL	May-20	ISSN NO.2347-3150
		WATER BOILER TEMPERATURE MEASUREMENT AND CONTROL USING LABVIEW AND ARDUINO UNO	Alochana Chakra Journal	May-20	ISSN NO.2231-3990
6	N GEETHA RANI	ROBUST 12T SRAM CELL USING 45NM TECHNOLOGY	International Journal of Scientific Research in Science, Engineering and Technology	Jun-20	ISSN:2395-1990
		LEAKAGE CURRENT REDUCTION IN CMOS CIRCUITA USING STACKING TECHNIQUE	International Journal of Scientific Research in Science, Engineering and Technology	Jun-20	ISSN:2395-1990
7	M.JYOTHIRMAI	APPLICATION OF NAVIGATION WITH INDIAN CONSTELLATION (NAVIC) SIGNALS FOR IONOSPHERE IRREGULARITIES MEASUREMENT	IJITEE (Scopus Journal)	1-Sep-19	ISSN:2278-3075
		'ARDUINO BASED FIRE DETECTOR AND EXTINGUISHER ROBOT	IJSRSET	June,2020	ISSN:2394-4099
		RECOGNITION AND TRACKING OF MOVING OBJECTS UNDER VIDEO SURVEILLANCE USING MATLAB'	IJSRSET	June,2020	ISSN: 2394-4099
		PROMINENT SPEED LOW POWER COMPRESSOR BASED MULTIPLIER FOR PROFICIENT VLSI ARCHITECTURE	IJSRSET	Jun-20	ISSN :2395-1990

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8	V SUPRAJA	SKIN CANC[illegible]DETECTION USING GLCM AND ABCD PARAMETER	IJSRSET	Jun-20	ISSN:2395-1990
		AN EXTENSIVE INVESTIGATION OF WAVELET BASED DENOISING TECHNIQUES FOR VARIOUS ECG SIGNALS UTILIZING THRESHOLDING FUNCTION	AISC SPRINGER	Feb-20	https" //doi.org/10.1007/978-981-15-4032-5_40
		AN EXTENSIVE INVESTIGATION OF WAVELET BASED DENOISING TECHNIQUES FOR VARIOUS ECG SIGNALS UTILIZING THRESHOLDING FUNCTION	ICSTA	Dec-19	https" //doi.org/10.1007/978-981-15-4032-5_40
9	K VENKATA SIVA REDDY	INDUSTRIAL AUTOMATION SYSTEM USING MSP430 & WI-FI	IJSRD - International Journal for Scientific Research Development	Feb,2019	ISSN (online): 2321-0613
10	P KISHOR KUMAR	ANALYSIS OF A SINGLE SHORTED RECTANGULAR MICROSTRIP ANTENNA FOR 50Ω MICROSTRIP LINE FEED	IJESI	Oct-19	e-ISSN : 2319 – 6734 p-ISSN : 2319 – 6726
11	KANIKE VIJAY KUMAR	A NOVEL APPROACH TO TEXT SEGMENTATION FOR MRC DOCUMENT COMPRESSION	International Journal of Innovative Research in Computer and Communication Engineering(IJIRCCE)	May-20	ISSN: 2320-9801
		ANALYSIS OF A SINGLE SHORTED RECTANGULAR MICROSTRIP ANTENNA FOR 50Ω MICROSTRIP LINE FEED	IJESI	Oct-19	e-ISSN : 2319 – 6734 p-ISSN : 2319 – 6726
12	P SURENDRA BABU	LOW POWER 32-BIT FLOATING POINT MULTIPLIER UNIT FOR ADVANCED PROCESSORS	International Conference on Recent Trends in Engineering and Technology-ICRTET-2019	Oct-19	
		PASS TRANSISTOR BASED NEGATIVE EDGE TRIGGED D-FLIP-FLOP	International Journal of Engineering Research and	Aug-19	ISSN: 2248-9622
13	M JYOTHI	OPTIMIZED TECHNIQUE FOR DETECTION OF AUTOMATIC MICROANEURYSMS DETECTION ON RETINAL IMAGES BLOOD VESSELS	Alochana Chakra Journal	May-20	ISSN NO:2231-3990
		STRUCTURALLY ADAPTIVE MATHEMATICAL MORPHOLOGY FRAMEWORK FOR COLOR IMAGES"	Journal of Applied Science and Computations	Nov-19	ISSN:1076-5131

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International Journal of Innovative Technology and Exploring Engineering (IJITEE)
ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019

Joint Deblurring and Denoising of Hyperspectral Images with PCA and Totalvariation

K.E.Sreenivasa Murthy, R.Sudheer Babu, Shaik Saheb Basha

Abstract— Human imaginative and prescient is an excellent imaging shape that can capture and disentangle mild imperativeness beginning from one-of-a-kind assets regardless of the way that it's miles constrained to observable mild. There arevarious programs, as an instance, face acknowledgment, restorative imaging, agribusiness, geology,surveillance, and so on that advantages via imaging a few companies of the electromagnetic spectrumoutside the noticeable range. The hyperspectral imaging strategies are able ofcapturing many agencies of the electromagnetic range and in this way, can be considerедas the speculation of shading imaging. on this paper, we commonly have a tendency to spark off a totally explicit plan for hyper-ghastly (HS) photo deblurring with overwhelming attitude appraisal (PCA) and everyday variety (tv). we have a penchant to introductory decorrelate the HS images and separate the insights content material material from the clamor with the manual of utilizing manner that of PCA. At that factor, we generally will in popular observe the tv approach to conjointly denoise and deblur the principle transcendent components (pc frameworks). After, commotion within the ultimate primary additives is smothered the utilization of a clean delicate thresholding point, for device execution. initial outcomes on reproduced and authentic HS photos location unit specifically encouraging.

Catchphrases :multi-define picture excellent-dreams, de-noising, electromagnetic range, complete variety.

1. PRESENTATION

Hyperspectral imaging accumulates facts from over the variety. the objective of hyperspectral imaging is to inspire variety of each constituent of the scene which can be then wont to observe or watch objects, installation things and know-how methods that region unit happening inside the vicinity of intrigue [1][2]. The human tangible framework recognizes the shade of daylight in an a large portion of 3 companies, excessive wavelengths – handled as red, medium wavelengths – handled as unpracticed and lower wavelengths – treated as blue. anyway the otherworldly scanners elements it into some companies. this association of tearing into some groups will just reached out to the exchange this is imperceptible. The hyperspectral photos have a awesome undulating goals and consists of a greater substantial

Differ of wavelengths. It incorporates both adjacent agencies and divided corporations [3].

Makes use of of hyperspectral imaging consists of some fields. In agribusiness, the harvest reputation, expire id, tempo of yield, spreading fee of any perish is probably exhausted a gifted strategies using hyperspectral images. In medicinal field, in particular eye care is in particular executed exploitation hyperspectral pix. additionally to the consideration care, malignant boom, tumors, inadequacy of different organs of the human in like manner as creature body is probably done successfully exploitation hyperspectral images. Sustenance process is another area any region the hyperspectral images territory unit being used. antiquated cameras and optical machine sorters forget about to apprehend a few imperceptible deformity and far flung substances. Hyperspectral pix region unit applied right here to remove deformities and outdoor substances subsequently raising the same old of sustenance and product. topography makes use of hyperspectral photos to recognize a few minerals from transportable photos. the arrangement and available degree of minerals additionally can be precisely measurable by procedure the hyperspectral photos. police exam, cloth technology, Astronomy, Chemical imaging and putting region unit the contrary large zones any place the hyperspectral pictures see applications. by way of and massive those instances, the commotion that adulterates the main clean photograph, activates poor estimation of any article in the photograph. as a result denoising of hyperspectral image is of decent test. In hyperspectral picture denoising, furthermore to the spacial statistics extraordinarily associated otherworldly statistics should also be contemplated.

The got brilliance at the an extended way off detecting hyperspectral automatic digitaldigital digicam is debased via way of the usage of environmental consequences and instrumental commotions. The barometrical impacts need to be remunerated to provide the reflectance. Instrumental (sensor) commotion carries heat (Johnson) clamor, quantization clamor and shot (photon) clamor which intent debasement in the ghostly companies via the utilization of utilising the usage of various extents. the ones undermined businesses debase the efficiency of the HSI assessment methodologies and as a result they may be commonly disbursed with from the insights beforehand of time than any what is more making ready. as an alternative, HSI denoising is probably considered as a preprocessing assignment in HSI evaluation to upgrade the sign to commotion percentage (SNR) of HIS.

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Design of Building Risk Monitoring From Earthquakes Using Wireless Sensor Network

K.E.Sreenivasa Murthy

Abstract: ***Investigation of the stability of the building is a needed measurement process for all buildings in the cities. Periodic monitoring of the structure for such damage is therefore a key step in rationally planning the maintenance needed to guarantee an adequate level of safety and serviceability. However, in order for the installation of a permanently installed sensing system in buildings to be economically viable, the sensor modules must be wireless to reduce installation costs, must operate with a low power consumption to reduce servicing costs of replacing batteries, and use low cost sensors that can be mass produced such as MEMS sensors.***

Index Terms: ***MEMS sensors.***

I. INTRODUCTION

In perspective on the natural debacle, material creating, format mess up the frameworks can get harm in some vague time later on in their lifetime, to kill this kind of inconvenience an ordinary watching out for the structure need to be set aside. it is then again intense to uncover substantial, subsequently modified gadget need to be proposed for success and ability of the structures and those. The advancement of far off sensor systems has connected new classes of utilizes for dispersed structures that channel appropriate right directly into a mind blowing arrangement of interdisciplinary fields. those structures had been utilized for managing issues in the fields of appropriated control, following and stock, basic looking, hearth-flourishing, living region checking thus on. however, all things considered for the motivation of a the majority of the time familiar distinctive framework in frameworks with be monetarily shoddy so a far away sensor must be tried that might be mass made, for example, MEMS sensors. The capacity of MEMS and remote structures business endeavor for looking through simple frameworks is particularly recorded.

II. RELATED WORK

Narito KURATA et.al regarding the practicability of risk monitor for building through the smart sensors was discuss, as well as the arrangement of the MICA and MICA2 Mote as a WSN'S was experienced. The consequences illustrate the MICA2 has a capable of prospect as an successful tool for risk monitoring in buildings [7].

Revised Manuscript Received on August 05, 2019
Dr K.E.Sreenivasa Murthy, Department Name, G. Pullaiah College of Engineering and Technology, Near Venkayapalle, Pasupula Village, Nandikotkur Rd, Kurnool, Andhra Pradesh 518002.

P. SRAVN KUMAR et al. regarding the MICA have a capable future as an successful tool for risk monitoring in buildings. The presentation of the Mote is investigated during shaky table test employ a two-story hardens structure. The acceleration sensor is tested, and its presentation for wireless measurement as well as precise risk monitor application, such as damage detection in the structure, is presented. [8].

S.SendhilMourougane[9] et al regarding presented WSN for building monitoring take benefit of the exclusive features of custom developed MEMS sensors and read out ASIC mutual through an optimize system as well as unit design, to comprehend a resolution which offer extended battery life span with potentially low price in developed, setting up and safeguarding, even as as long as high quality sensor statistics at the accurate time.

Dr. Maneesha Vinodini Ramesh[10] et al. the design and deployment of a landslide detection system using a WSN system at Anthoniar Colony, Munnar, Idukki (Dist), Kerala (State), India, a highly landslide prone area The operation site had traditionally practiced numerous landslide, with the newest one stirring in the year 2005, which cause a loss toll of 10 (people).

(I) System Architecture

There are total two type of sensor module have been urbanized in the monitoring arrangement i.e., sprain sense modules as well as speeding up sensing modules. They are located in the building as the tiniest stage of the building the strain antenna modules are mounting for the estimate the straight up support loads as well as to calculate the resolution and the plastic turning point opening of the building behind an earthquake[1]. Flat speeding up is calculated by two 3D acceleration sense modules (anywhere simply the two flat axis are actually necessary) at every level throughout an earthquake, allow the study of the seismic reaction of the complete arrangement. To observe a structure for e.g. a 7-story, 24-Column building require roughly 72 strain sensors (3 per column) as well as 14 accelerometer modules (2 per floor).The information arriving by the sensor arrangement is wireless transmit by the support station with a line of view link through a series of a smaller amount than 1 km. The row of view link uses directional antenna to recover the link funds, but not so directional that position is necessary, which can pose a problem through seismic proceedings [2]. The receiver base station preserve accumulate and process the data or presumptuous them,

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Research paper

Time complexity of proposed evolutionary algorithm in artificial neural network

G.V.R. Sagar [1] *, IEEE Member [1]

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Abstract

The important issue in Evolutionary Algorithms (EAs)analysis, is time-complexity. Here to obtain the mean hitting time of EA the concept of take-overtime is considered. The time complexity of the EA such as the takeover time is considered, i.e.the concept of the takeover time is generalized rather thana selection of operator alone. This generalization is applied to benchmark problems like N-Bit parity. For various input sizes N, the time complexity in terms of number of generations is estimated. An empirical model is also generated for proposed EA using statistical tool.

Keywords:Evolutionary Algorithms; Take-Over Time; Wide-Gap Problem; ANOVA.

1. Introduction

Evolutionary algorithms (EAs) are adaptive search algorithms. In general solving the a few EA optimization problems are very hard. In that cases, wide-gap technique is used to avoid the long gap between generations i.e. exponential generations to find the global optima of EA. But it is very hard to get the solution for hard problems which can be solved by aproper acceptable selection pressure and carefully attention onmutation etc. The other part of the work emphasis on adapting the selection pressure [1], [2] for wide-gap problem tha utilizes the mean first hitting time of the EA. There aretwo methods of selection pressures are considered, the firstis a truncation selection which is taken selection I and the second is a tournament selection namedas selection II.

2. Selection

: completion of crossover and mutation, form the new population of parent and off-spring and assigned thesurvival probabilities to each individuals in the population Ωt [3]. Then, selected the few individuals based on the fitness and their probability for the next generation Ωt_{+1}. These two selection schemes are selected in the analysis of time complexity of the EA.

2.1. Truncation selection

2N individuals are formed on combination of Parents and offspring. These are based on their fitness in descending manner. Then these N individuals are selected to the next generation.

2.2. Tournament selection

In this methodology, p individuals are grouped and make them arranged 'r' number of groups from 2N individuals (both parent and offspring population).Select the two individuals from each group and 'r' number of tournament are arranged from which the best one is selected based on Hamming distance method. More details given in [8]. The Hamming distance is measured based on mean square error between two individuals X and Y and the distance between the neurons is given by the following equation

$$H(X,Y) = \sum_{i=1}^{n} |s_i - s_i|$$

Where X = (s1, s2,s'n)Y = (s'1,s'2,…..s'n)1.1
Therefore for a given maximum fitness f, an individual x* = (s*1,.s*n) is an optimum if and only if, for all x the $f(x^*) > f(x)$ holds.
Therefore, the probability of individuals from the 'r' number of groups is given as

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Research paper

Time complexity of proposed evolutionary algorithm in artificial neural network

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Malware Detection Using Optimized Activation Based Deep Belief Network: An Application on Internet of Things

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Abstract. Number of malware detection models has been proposed recently, which still poses major limitations in terms of detection rate. Hence, to overcome this, this paper introduces a new malware detection model with three stages: Feature Extraction, Feature selection and Classification. In feature extraction phase, the Term Frequency-Inverse Document Frequency (TF-IDF) and Information gain (IG) features are extracted. More importantly, the IG feature is subjected with the Holoentropy evaluation. Following the feature extraction phase feature selection is performed using Principle Component Analysis (PCA). Finally, to do the classification process, Deep Belief Network (DBN) is used with optimized activation function. To work out this optimization scenario, this paper intends to propose a new hybrid algorithm that combines the concept of Lion Algorithm (LA) and Glowworm Swarm Algorithm (GSO). The performance of proposed Lion Updated GSO (LU-GSO) is compared over other conventional models with respect to various evaluation measures and proves the betterments over others. Through the performance analysis, it was observed that the proposed model attains high accuracy, which is 10.21%, 10.04%, 9.18% and 6.42% better than LA, GSO, GWO and PSO, respectively.

Keywords: IoT; malware detection; feature extraction; DBN; optimization.

1. Introduction

Malware threats are there from the beginning of software and application development, though the hunting of cyber crimes or malware remains to be a challenging aspect. In fact, maliciousness is the software, which affects the system with the intend of maliciousness such as stealing the most important or secret information, disrupting, harming, or sabotaging hazard and system disrupt without the consent of the user. This malware (Makhdoom *et al.*, 2019; Grammatikis *et al.*, 2019; Caro and Sadr, 2019; Yang, 2019) are categorized into more and some of them are Trojans, Rootkits, worms, viruses, backdoors, spyware as well as adware. In fact, the corresponding classification comes under the basis of mode of proliferation, respective functionality, along with attack patterns. In recent years, malware (Furfaro *et al.*, 2017; Abawajy *et al.*, 2018; Huda *et al.*, 2018a; Bajpai *et al.*, 2018; Meidan *et al.*, 2018; Sherifi and Senja, 2018; Liu *et al.*, 2019a, 2019b) are becoming

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International Journal of Engineering

Journal Homepage: www.ije.ir

Implementation of Optimal Load Balancing Strategy for Hybrid Energy Management System in DC/AC Microgrid with PV and Battery Storage

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Battery energy storages system (BESS), energy management, microgrids, MPPT, power electronic converters

ABSTRACT

The proposed paper presents the DC/AC microgrid modeling using the Energy storage units and photovoltaic (PV) panels. The modal consists of a two stage power conversion. The power is supplied to the both DC and AC loads by this PV solar panels. The suitable way to explore the PV generation model is by using manufacturer datasheet. A bidirectional converter is connected to the battery storage system and dc bus. To keep the bus voltage stable, the storage system absorbs the excess power whenever generation is more and delivers power to the load when generation is less. This system eliminates hazards of islanding by supply the local loads continuously incase of grid discontinuity. This paper emphasizes on control and stability of dc bus voltage and energy management scheme. Matlab/Simulink is used for integration of system modeling and efficiency of the system is verified by simulation.

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Research paper

Design of RC4 stream cipher for secured communication

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Abstract

- RC4 protocol is most popular Cipher in Cryptography. In this paper, we present the study of the efficient design of RC4 stream cipher, and proposing the efficient architecture for cipher. The concept of loop unrolling and pipeline combined to produce the 2 RC4 key stream bytes per clock cycle. The design is compared with the previous proposed paper and to check the how much cycles required for complete the individual KSA and PRGA modules and together the RC4 Stream Cipher. The Design is built using the XILINX 13.2 on Vertex ML605 Evaluation FPGA Board.

Keywords:*Cryptography; RC4; Loop Unrolling; Pipeline; Encryption.*

1. Introduction

Cryptography is the study of technique for secure communication. Cryptography is synonym with Encryption. Cryptography can be broadly classified based on the type of key used in the system: symmetric key using a single key at the sender and recipient end , andpublic key using two different keys, one is the public key known to everyone and the other isprivate key only know to the recipient end. The symmetric key system is a class of algorithms whose cryptographic keys are same at the encryption and decryption of cipher. This symmetric key system can either used as either Stream Cipher or Block Cipher. Stream Cipher encrypts the bytes of data at once and Block Cipher encrypts only certain bytes of data and repeats the process till end of data.
Stream Cipher is the Symmetrical Key system, where the Cipher is the combination of the data and pseudorandom keystream. Stream Ciphers are in platforms Software and Hardware named as Software Stream Cipher and Hardware Stream Cipher. RC4 protocol is most popular Stream Cipher used in Software used in network Protocols such as WEP, SSL, WPA. Among all other Stream Ciphers, RC4 is more popular due to its simplicity, ease of implementation. In this paper, we implement the architecture of RC4 with loop unrolling and pipeline which helpful for fast generation of keystream.

1.1. RC4 stream cipher

RC4 also know ARCFOUR or AC4 was designed by Ron Rivest for RSA Security in 1987. The RC acronym for Ron's Code and officially termed as
"Rivest Cipher 4".RC4 with help of S-Box generates pseudorandom group of bits (a key stream), which stores each location of 1byte (for N=256). The secret key for permutations key stream is of size l bytes. The array key K of length N holds the main value and repeated as K[y] = k[y and l], for $0 \leq y \leq N\text{-}1$ [7].
RC4 Stream Cipher has two main components, namely Key Scheduling Algorithm (KSA) and Pseudo-Random Generation Algorithm (PRGA). The KSA function is to initialize the key into the S-box and repeat the key to N and generating the S-box and the model of the S-box is of Variable length N, and the arbitrary permutations are performed by the second algorithm PRGA with respectively to N and using two 8-bit index pointer i and j helpful for the operations.

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Pathological Brain Tumor Detection Using CLAHE and LS-SVM

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Abstract
The segmentation, early detection and removal of infected tumor region from Magnetic resonance images is a main problem but tedious and time-consuming task conducted by radiologists and their precision depends only on their knowledge. To solve these constraints, it becomes very important to use computer-aided technology. In this study, the medical image involves improving performance and reducing complexity. This paper proposes an efficient PBDS based on MR images that significantly enhances recent results. To improve the quality of input of MR images, the proposed system uses CLAHE. Subsequently segmented using OTSU and K means segmentation methods. On the segmented image, morphological operations are performed to obtain the information about the tumor area, size and density. Using a discrete wavelet transform (DWT) strategy, the segmented image is then transformed to extract features. Subsequently, the PCA approach reduce the dimensionality of the features. The reduced features were submitted to a Least square support vector machine (LS-SVM). The strategy of 5×k-fold stratified cross validation (SCV) test has been carried out to enhance LS-SVM generalization. We performed our proposed methods with four different kernels and found that the GRB kernel has the highest classification accuracy of 99.38%. The LIN, HPOL, and IPOL kernel achieves 95%, 96.88%, and 98.12%, respectively. We also compared our method to those from literatures in the last decade, and the results showed our CLAHE+DWT+PCA+LS-SVM with GRB kernel still achieved the best accurate classification results It could be applied to the field of MR brain image classification and can assist the doctors to diagnose where a patient is normal or abnormal to certain degrees at the early stage.

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***Keywords:** K-means, Brain tumor, classification, segmentation, image de-noising, principal component analysis (PCA), Discrete wavelet transform (DWT), Least square support vector machine (LS-SVM).*

I. INTRODUCTION

Over the past decades, morality rates among people with different age groups rise sharply across the globe due to brain diseases. There are different types of brain diseases, such as cerebrovascular diseases (stroke), neoplastic diseases (brain tumor), infectious diseases, and degenerative diseases, all of which could lead to individual death. Therefore, the development of pathological brain detection system (PBDS) is of great importance for early of the brain diseases identification. This development's main objective is to arrive at right and quick clinical decisions. A modality of medical imaging called magnetic resonance imaging (MRI) is widely used in PBDS because of its benefit of providing significant knowledge about soft tissue of the human brain [1]. Moreover, MRI is a non-invasive and faster for medical imaging compared to other modalities such as X-ray and CT scan. However, manual interpretation becomes more difficult due to

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OPTIMIZED TECHNIQUE FOR DETECTION OF AUTOMATIC MICROANEURYSMS DETECTION ON RETINAL IMAGES BLOOD VESSELS

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ABSTRACT: This paper presents an algorithm that will segment the retinal blood vessels with an accuracy of 96.17%. This algorithm will extract the features from input images present in STARE and CHASE_DB1 databases. The extracted features will be large in number but all the features are not useful. So, the feature optimization is done by Lion Optimization which has effectively chosen only the features which are useful in representing the extracted features as blood vessels or non-blood vessels. The algorithm was applied first on training images which have results of manually segmented images already. Then the algorithm was implemented on training images and evaluated on training images and it successfully detects the normal as well as abnormal images. The quantitative results were checked using parameters sensitivity, specificity, accuracy, positive predictive rate and false predictive rate and proved to give better results in comparison to existing techniques.

1. INTRODUCTION

In recent times, Sweden and other parts of the world have been faced with an increase in age and society related diseases like diabetes. According to recent survey [1], 4% of the country population has been diagnosed of diabetes disease alone and it have been recognize and accepted as one of the main cause of blindness in the country if not properly treated and managed. Early detection and diagnosis have been identified as one of the way to achieve a reduction in the percentage of visual impairment caused by diabetes with more emphasis on routine medical check which the use of special facilities for detection and monitoring of the said disease [1]. The effect of this on the medical personnel need not be over emphasized, it has lead to increase work load on the personnel and the facilities, increase in diabetes screening activities just to mention a few. A lot of approaches have been suggested and identified as means of reducing the stress caused by this constant check up and screening related activities among which is the use medical digital image signal processing for diagnosis of diabetes related disease like diabetic retinopathy using images of the retina.

Diabetes is a disorder of metabolism. The energy required by the body is obtained from glucose which is produced as a result of food digestion. Digested food enters the body stream with the aid of a hormone called insulin which is produced by the pancreas, an organ that lies near the stomach. During eating, the pancreas automatically produces the correct amount of insulin needed for allowing glucose absorption from the blood into the cells. In individuals with diabetes, the pancreas either produces too little or no insulin or the cells do not react properly to the insulin that is produced. The build up of glucose in the blood, overflows into the urine and then passes out of the body. Therefore, the body loses its main source of fuel even though the blood contains large amounts of glucose [2].

Basically there are three types of diabetes, Type 1 Diabetes, is caused as a result of auto immune problem. The immune system of the body destroys the insulin producing beta cells in the pancreas leading to no or less production of the required insulin by the pancreas.

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Structurally adaptive mathematical morphology Framework for Color Images

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Abstract:- It is difficult to extend a grayscale morphological approach to color images because total vector ordering is required for color pixels. To address this issue, we developed a kind of vector ordering method based on linear transformations from RGB to other color spaces (i.e., YUV, YIQ and YCbCr) and principal component analysis (PCA). Additionally, we pro- pose a conditionally invariant morphological framework based on the proposed vector ordering. We also define elementary multivariate morphological operators (e.g., multivariate erosion, dilation, opening and closing), and investigate their properties with a focus on duality. The proposed framework guarantees some important properties of classical mathematical morphology, such as translation-invariance, conditional increasingness, and duality. Therefore, it is easy to extend existing grayscale morphological approaches to color images in terms f the proposed multivariate morphological framework (MMF). Simulation results show the potential abilities of MMF in color image processing, such as image filtering, re- construction, and segmentation.

I Introduction

Mathematical morphology founded by Matheron and Serra is a nonlinear image processing methodology based on the application of lattice theory to spatial structures. It is an important technological component commonly implemented in a variety of research fields, such as image processing, pattern recognition, and computer vision. Compared with grayscale images, color images provide richer information. Accordingly, the research dedicated to extending mathematical morphological approaches from grayscale images to color images has attracted considerable interest in recent years. However, this extension is not straightforward because of the vectorial nature of color data. According to classical mathematical morphology, the concept of a supremum (or infimum) of colorized pixels is necessary for the extension since color pixels must be described by three separate values (RGB) as opposed to a single grayscale value. Consequently, it is crucial to define a total vector ordering which always causes important irregularities, before achieving the extension. Unlike scalars, there is no unambiguous way of ordering vectors for color data. At present, several approaches applied to vector ordering of color data have been reported and can be classified into roughly four categories marginal ordering, conditional ordering, reduced ordering, and partial ordering. Marginal ordering is easy to be implemented, but often suffers from a "false color" problem. An example of conditional ordering, lexicographical ordering, has been widely employed in multivariate morphology approaches. As HSV color space is the way human beings inherently perceive color, lexicographical ordering, which is based on brightness, saturation and hue components, was proposed in previous studies. Recently, Angulo applied quaternion decomposition to color image representation and then proposed a new lexicographical ordering that provided better results than traditional approaches. This reduced ordering is easy in implementation and has lower computational complexity. Considering that RGB color space is widely used in electronic devices for capturing and displaying images in computational systems, Witte et al defined a vector ordering based on Euclidean distance in RGB color space, and proposed the definitions and applications of multivariate morphological operators (MMOs). In addition, the combination of different multivariate distances and lexicographical orderings is also very popular in multivariate mathematical morphology (MMM). Motivated by this Angulo [3] introduced a generalization of distance-based and lexicographical-based approaches. Lei et al further proposed a novel multivariate morphological approach by defining vector ordering in HSV color space. Other research on fuzzy lexicographical ordering models has also been conducted. In addition to the aforementioned vector ordering approaches, partition ordering is another, though non-mainstream, method. Few schemes applying partition ordering to multivariate morphological framework (MMF) have been reported. However, partition ordering has developed rapidly in recent years. Velasco-Forero et al proposed a mathematical morphological approach based on a statistical depth function. Furthermore, the kriging based supervised ordering has been introduced and used to define MMOs. More recently, various complex mathematical tools, such as learning algorithms principal component analysis (PCA), probabilistic extrema estimation, quaternions and group-invariant frames have been employed by MMM to improve the performance of MMOs for color image processing. Although a number of multivariate morphological approaches have been introduced and applied to multi-channel images few studies have been conducted on

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Leakage Current Reduction in CMOS Circuits Using Stacking Technique

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ABSTRACT

This paper deals with The rapid progress in semiconductor technology have led the feature sizes of transistor to be shrunk there by evolution of Deep Sub-Micron (DSM) technology. There by the extremely complex functionality is enabled to be integrated on a single chip. So, transistor size is reduced to few nanometers. By reducing the size drastically some problems are occurred. In that leakage power is one of the disadvantage. By using this stacking technique we are going to reduce the leakage currents.

Keywords : Low power, Power dissipation, Sub-threshold leakage current, Stacking effect, Cadence Virtuoso Tool.

I. INTRODUCTION

Over the past decades, the MOSFET has continually been scaled down in size. Typical MOSFET channel lengths were once several micro-meters, but modern integrated circuits are incorporating MOSFETs with channel lengths of less than a tenth of a micrometer. Smaller MOSFETs are desirable for several reasons. The main reason to make transistors smaller is to pack more and more devices in a given chip area. This results in a chip with the same functionality in a smaller area, or chips with more functionality in the same area. Since fabrication costs for a semiconductor wafer are relatively fixed, the cost per integrated circuits is mainly related to the number of chips that can be produced per wafer. Hence, smaller ICs allow more chips per wafer, reducing the price per chip.

Lowering the supply voltage (VDD) is the most effective way to reduce the power dissipation as it depends quadratically on VDD. But as VDD reduces, circuit delay will increase and thus degrades its performance. At the same time it is possible to maintain the performance by decreasing the threshold voltage (VTH) but then sub-threshold leakage current increases exponentially. Therefore, VDD and VTH have to be optimized to achieve the required performance and low power. As the feature size reduces shorter channel length results in sub threshold leakage current through a transistor when it is off. Thinner gate oxides have led to an increase in gate leakage current. By using Stacking technique we can reduce leakage current up to 50-60% .

II. SOURCES OF POWER CONSUMPTION

The two sources of power consumption in digital CMOS circuits are Active power and Static power. Active power can be further classified into i) Switching power or dynamic power and ii) Short-circuit power. Switching power consumption occurs due to charging and discharging of load capacitances. Short-circuit power consumption takes place when there exists direct path from supply to the ground

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Robust 12T Sram Cell Using 45nm Technology

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ABSTRACT

SRAM cells are used in many applications such as micro and multi core processor. SRAM cell improves both read stability and write ability at low supply voltage. The objective is to reduce the power dissipation of a novel low power 12T SRAM cell. This method removes half-select issue in 6T and 9T SRAM cell. This work proposes new functional low-power designs of SRAM cells with 6T, 9T and 12 transistors which operate at only 0.4V power supply in sub-threshold operation at 45 nm technology. The leakage power consumption of the proposed SRAM cell is thereby reduced compared to that of the conventional six-transistor (6T) SRAM cell. 12T cell obtains low static power dissipation.

Keywords : SRAM, Micro wind Software, Power consumption, Transistors.

I. INTRODUCTION

An exceptional growth is achieved by electronics industry over the last two decades, mainly due to the expeditious advances in integration technologies, due to the emergence of VLSI. The number of applications of integrated circuits in high-performance computing, telecommunications, and consumer electronics has been progressing undeviatingly, and at a very instant pace. Typically, the required computational power of these applications is the driving exertion for the fast blooming of domain. The current leading-edge technologies (such as low bit-rate video and cellular communications) already provide the end-users a certain amount of processing power and portability. This trend is expected to continue, with very important implications on VLSI and systems design.

One of the most important characteristics of information services is their increasing need for very high processing power and bandwidth. The other important characteristic is that the information services tend to become more and more personalized (as opposed to collective services such as broadcasting), which means that the devices must be more intelligent to answer individual demands, and at the same time they must be portable to allow more flexibility/mobility. As the SRAM cells are incorporated by latch, the refresh operation isn't required to keep the data during power on condition in SRAM cells. Every one of the systems like microprocessors, hand held gadgets, workstations have the cache memory which is outlined by SRAM cells due to its transistor favorable circumstances of giving quick exchanging and low power utilization. To store a single bit of data SRAM utilizes four transistors.

The basic parameters of SRAM cells are the speed and furnishes multiple designs with the point of corrupting the power utilization during read write tasks of SRAM. By considering this need, in this paper some standard SRAM cell outlines viz. 6T, 7T,

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Application of Navigation with Indian Constellation (NavIC) Signals for Ionosphere Irregularities Measurement

K.C.T.Swamy, M.A. Farida, M. Jyothirmai, S. Towseef Ahmed

Abstract: ***Soon Indian's mobile phones and cars are to be installed with new and indigenous satellite technology, i.e. Navigation with Indian Constellation (NavIC) developed by ISRO. After successful completion of NavIC, India has become fifth nation in the sequence of countries with independent navigation technology/system. The NavIC technology will be used mainly for terrestrial, aerial and marine navigation along with tracking and disaster management. Here we are proposing the application of NavIC signals for measuring and montoring ionosphere layer behaviour leading accuracy degradation of satellite based navigation and communication systems. This paper presents the computation of ionosphere parameters such as TEC, ROTI and scintillation index (S_4) using pseudo range and Carrier to Noise density ratio (C/N_0) measurements of NavIC L_5 and S-band signals. ROTI and S_4 results revealed that the impact of ionosphere irregularity is more on L_5 than that of S-band signals.***

Keywords : NavIC, ROT, ROTI, S_4.

I. INTRODUCTION

Navigation with Indian Constellation (NavIC) is an indigenous satellite navigation system planned and implemented by the Indian Space Research Organization (ISRO) for position, navigation and time (PNT) applications with a limited service region. It is fully operational with three Geostationary orbital (GEO) satellites and four Geosynchronous orbital (GSO) satellites, details are given in Table 1. The arrangement of satellites in the orbits was planned in such a way that users from the Indian subcontinent could receive signals from atleast four satellites. The NavIC satellites transmit navigation signals, based on Code Division Multiple Access (CDMA) on L_5 (1176.45MHz) with a Binary Phase-Shift Keying (BPSK (1)) modulation for standard positioning service (SPS) users. Restricted service user get signals with a Binary Offset Carrier (BOC(5,2)) modulation on S-band(2492.028 MHz) [1].

The ionosphere, a propagation medium for the satellite based communication and navigation systems affects signals in terms of refraction, absorption, Faraday rotation, scintillation, propagation time delay, Doppler frequency shift, etc. Moreover, Ionosphere scintillations are hazardous to the wide range of radio frequencies and is therefore of great practical interest. In the beginning, researchers have been published the reviews of ionospheric scintillations [2]-[5]. Further, Global Positioning System (GPS) signals were used to study the irregularities of ionosphere. Swamy et al. (2013) & Sarma et al. (2014) studied ionospheric scintillations and developed mathematical models for predicting ionospheric scintillations over the Indian region using GPS signals [6]-[7]. Pi et. al., (1997) introduced a parameter, Rate of TEC Index (ROTI) to study ionosphere irregularity, later the relation between ROTI and S4-index (ROTI/S_4) was analyzed by Basu et al. (1999) [8]-[9]. Sujimol and Shahana (2017) have done a preliminary study on the amplitude scintillation effect of NavIC signals and found frequent loss of lock on L_5 signals at Delhi station [10].

Table 1: NavIC satellites details (https://www.isro.gov.in/launchers/pslv)

	Satellite	Orbit	Longitude	Orbit Inclination	Launch Date	Status
1	IRNSS-1A	GSO	55^0E	29.0^0	Jul 01, 2013	Clocks Failed
2	IRNSS-1B	GSO	55^0E	31.0^0	Apr 04, 2014	Operational
3	IRNSS-1C	GEO	83^0E	-	Oct 16, 2014	Operational
4	IRNSS-1D	GSO	111.75^0 E	30.5^0	Mar 28, 2015	Operational
5	IRNSS-1E	GSO	111.75^0 E	28.1^0	Jan 20, 2016	Operational
6	IRNSS-1F	GEO	32.5^0E	-	Mar 10, 2016	Operational
7	IRNSS-1G	GEO	129.5^0E	-	Apr 28, 2016	Operational
8	IRNSS-1H			-	Aug 31, 2017	Launch Failed
9	IRNSS-1I	GSO	55^0E	29^0	Apr 12, 2018	Operational

In this paper the availability of NavIC dual frequencies (L_5 and S-band) was taken as the advantage to compute ionosphere medium irregularities over an Indian low latitude station. Signals from a typical IRNSS-1B satellite were used to compute a parameter, Total Electron Content (TEC) which is the indicator of ionosphere condition. Then, critical analysis of ionosphere

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IJSRSET Team wishes all the best for bright future

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Arduino Based Fire Detector and Extinguisher Robot

R. Deepthi[1], S. Divya Reddy[1], R. Anjana Pouthri[1], P. Jyothi [1], M. Jyothirmai[5]
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ABSTRACT

This advanced firefighting robotic system independently detects and extinguishes fire. In the age of technology, the world is slowly turning towards the automated system and self-travelling vehicles, fire fighters are constantly at a risk of losing their life. Even though there are a lot of precautions taken for Fire accidents, these natural/man-made disasters do occur now and then. In the event of a fire breakout, to rescue people and to put out the fire we are forced to use human resources which are not safe. With the advancement of technology especially in Robotics it is very much possible to replace humans with robots for fighting the fire. This would improve the efficiency of firefighters and would also prevent them from risking human lives Fire spreads rapidly if it is not controlled. In case of a gas leakage there even may be an explosion. So, in order to overcome this issue, safe guard live of our hero, our system comes to the rescue. This firefighting robotic system is powered by Arduino Uno development board it consists of the ultra-sonic sensor mounted on a servo motor for obstacles detection and free path navigation, it is also equipped with the fire sensor or flame sensor for detecting and approaching fire it also makes use of water tank and spray mechanism for extinguishing the fire. Water spraying nozzle is mounted on servo motor to cover maximum area. Water is pumped from the main water tank to the water nozzle with the help of a pump. This water pump needs driver circuit as it consumes a lot of current, much more than the controller provides.

Keywords : Firefighters, Microcontroller

I. INTRODUCTION

An autonomous fire extinguisher robot is designed. The robot has fire sensors interfaced in its control circuitry which senses the presence and intensity of fire and take the responsive action accordingly. The robot is designed to detect intensity of fire and operate first at place where the intensity of fire is more. It is also an automatic robot as it does not need to be operated from any remote control. One only needs to deploy the robot in a fire prone zone and the robot will automatically initiate action once it detects a fire breakout. This Robot finds its applications in Rescue operations during fire accidents where the possibility for service men to enter the fire prone areas is very less.

II. EXISTING METHOD

In this model we are using 8051 micro-controller along with RF receiver and transmitter. The software used in this model is Keil μVision IDE and C language is used for programming. In this we are using remote controller to control the direction of the fire fighting system. Water spraying nozzle is also controlled by using the remote controller.

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Sl. No. ECE/NITP/P/40/2019

Certificate

4th International Conference on
Soft Computing: Theories and Applications

December 27 – 29, 2019
www.socta.in

This is to certify that

Prof./ Dr./ Ms./ Mr. V. Supraja, Dr. P. Nageswara Rao & Prof. M. N. Giriprasad (Paper ID 86) *from* RCEW Kurnool, VCE Hyderabad, JNTUCE Anantapur *has presented a Research Paper/ Attended/ Volunteered/ Attended Workshop during the 4th International Conference on Soft Computing: Theories and Applications (SoCTA 2019) held at National Institute of Technology Patna, Bihar, India.*

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VS
2019-20

PROMINENT SPEED LOW POWER COMPRESSOR BASED MULTIPLIER FOR PROFICIENT VLSI ARCHITECTURE

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ABSTRACT

In the recent years the computational units are optimized to reduce the computation time. Multiplier is an electronic circuit used in digital electronics and has a significant role in vlsi applications. The 4:2 compressors have a flexibility of switching between exact and appropriate operating modes. In the appropriate mode the dual quality compressors provides higher speeds and consumes low power. Using these compressors in the structures of parallel multipliers provides configurable multipliers whose accuracies (as well as their powers and speeds) may change dynamically during the runtime. The efficiencies of these compressors are used in another type of multiplier and are evaluated in 45 nm standard CMOS technology. By comparing the parameters of this multiplier with those of appropriate multipliers, the results indicate a better in almost all the aspects.

Keywords: 4-2 compressor, dadda, wallace

I. INTRODUCTION

Multipliers are one of the most significant blocks in computer arithmetic and generally used in different digital signal processors. There is a growing demand for high speed multipliers in different applications of computer systems. Speed of multiplier determines how fast the processors will run and designers are now more focused on high speed with low power consumption. There are two general architectures for the multipliers, which are sequential and parallel. While sequential architectures are low power, their latency is very large. On the other hand, parallel architectures (such as Wallace tree and Dadda) are fast while having high-power consumptions.In order to reduce the high power consumption in the parallel multipliers we are designing a wallace multiplier seeking the help of a dual quality 4:2 compressor. The dual-quality 4:2 compressors has an ability of switching between the exact and approximate operating modes during the runtime. In the proposed system we overcome the problems in the existing system like area,delay,power dissipation.

II. EXISTING SYSTEM

A 4-2 Compressor

A compressor is a device which is mostly used in multipliers to reduce the operands while adding terms of partial products. A typical M-N compressor takes M equally weighted input bits and produces N-bit binary number. The simplest and the most widely used compressor is the 3-2 compressor which is also known as a full adder. It has Three inputs to be summed up and provides two outputs. Similarly, a 4-2 compressor can also be built from two Cascaded 3-2 compressor circuits. The conventional implementation of a 4-2 compressor is composed of two serially connected full adders, as shown in Figure 1. Different structures of 4-2 compressors are reported in literature and these are governing by the basic equation as follow

$$X1 + X2 + X3 + X4 + Cin = Sum + 2\cdot(Carry + Cout)$$

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Skin Cancer Detection Using GLCM and ABCD Parameter

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ABSTRACT

Lately, skin malignancy is viewed as one of the most Perilous types of diseases found in People. Skin malignant growth is found in different sorts, for example, Melanoma, Basal and Squamous cell Carcinoma among which Melanoma is the most capricious. The discovery of Melanoma malignant growth in the beginning period can be useful to fix it. PC vision can assume a significant job in Clinical Picture Analysis and it has been demonstrated by many existing frameworks. Right now, we present a PC helped strategy for the location of Melanoma Skin Malignant growth utilizing Picture Preparing instruments. The contribution to the framework is the skin sore picture and afterwards by applying novel picture preparing systems, it investigations it to close about the nearness of skin malignancy. The Lesion Picture investigation devices checks for the different Melanoma parameters Like Asymmetry, Boundary, Color, Diameter (ABCD) and so on by surface, size and shape investigation for picture division and highlight stages. The extricated highlight parameters are utilized to characterize the picture as Ordinary skin and Melanoma malignant growth lesion.

Keywords: Melanoma, Color models, GLCM features, ABCD parameters, Back propagation network.

I. INTRODUCTION

Skin is the largest organ in the body which occupies almost 1.73 square feet to cover bones and flesh. It is nature's protection given to almost every human or animal in the planet. Melanin is a pigment found in underneath the skin which gives the skin its color. The cells that produce the melanin are called as "melanocytes" which are located at bottom of skin epidermis. The situation when an uncontrollable cell division happens in the melanocytes resulting in the formation tumors or a pile of dead skin is called as "Melanoma". Melanoma is an especially lethal type of skin malignant growth and despite the fact that it represents just 4% of all skin tumors it is answerable for 75% of all skin malignant growth passing. On the off chance that melanoma is analyzed and treated in its beginning times, it very well may be restored however in the event that the analysis turns out to be late, melanoma can become further into the skin and spread to different pieces of the body. It's spread in different parts past the skin can be perilous as it is hard to treat. The nearness of Melanocytes in any one part causes the Melanoma. Escalated Presentation of skin to bright radiation is the principal reason for the melanoma. The factors that cause melanoma are numerous starting from the exposure to excessive UV radiation to the inheritance there many ways one can be have melanoma. Melanoma is fatal type of cancer when it spreads deep into skin, therefore early detection of melanoma plays a vital role in saving life of the person. The melanoma can develop on anyplace over the skin, anyway they will likely start on the capacity compartment (chest and the back) in males and females, it is commonly found on legs. The face and the neck are the other ordinary districts where it might be found. Skins having faintly shades cut down

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1	Name of the Activity/Event	Angular JS		
2	Date of Activity/Event	22-07-2019 TO 27-07-2019		
3	Organized by/Name of the committee	Department of CSE		
4	Place of Activity/event	COMPUTER LAB – 4		
6	Type of activity/Event	Certificate Course		
7	Activity/Event objectives	1. Identifying the suitable points for learning and applying JS features. 2. Understanding the various concepts, algorithms and implementation of the same. 3. Understanding the various coding techniques and server preferences.		
8	Participation	Students	Faculty	Total Participation
		92	0	92
9	General remarks	1. This is a very new and advanced course that helped students for web apps. 2. The web development practical sessions are much useful.		
10	Suggested Improvements	1. React JS can also be introduced as part of this course. 2. The web development with Servlets and tools can also be implemented.		
11	Enclosures	1. Schedule 2. Attendance sheets 3. Circular		
12	Signature of In charge/convener			

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DEPARTMENT OF CSE

ACADEMIC YEAR: 2019-2020-ODD SEMESTER

COURSE SCHEDULE

TITLE OF THE COURSE: Angular JS

Course Objectives:

1. Identifying the suitable points for learning and applying JS features.
2. Understanding the various concepts, algorithms and implementation of the same.
3. Understanding the various coding techniques and server preferences.

Teaching Methodologies:

S. No	Description	Teaching Methods
1	Angular JS	PPT & Hands on Experience

Course Plan:

S.No	Date/day	Content to Deliver	No. of Hours
1	22.07.2019	What is AngularJS? Architecture & Features, AngularJS Hello World Application with First Example Program	6
2	23.07.2019	AngularJS Controller, $Scope in AngularJS, AngularJS ng-repeat Directive	6
3	24.07.2019	"ng-model" in AngularJS with EXAMPLES, AngularJS ng-view, AngularJS Expressions: ARRAY, Objects, $eval, Strings	6
4	25.07.2019	AngularJS Filter Example: Currency, JSON, Number, Lowercase,	6
5	26.07.2019	AngularJS Directive, Angular JS CUSTOM Directive	6
6	27.07.2019	AngularJS Events: ng-click, ng-show, ng-hide, AngularJS Routing with Parameters: Single Page Application Example	6
		Total Hours	**36**

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A Report On "ANGULAR JS"

This course is designed for students who want to learn the basics of web and its programming concepts in simple and easy steps. The student should have a basic understanding of JavaScript and any text editor. As we are going to develop web-based applications using Angular JS, it will be good if you have an understanding of other web technologies such as HTML, CSS, AJAX, etc.

The students of CSE learnt the course well and its structural framework concepts for dynamic web apps. The course helped in using HTML as your template language and lets you extend HTML's syntax to express your applications. With this Angular JS, the aspirants can become designers using HTML as the template language and it allows for the extension of HTML's syntax to convey the application's components effortlessly. Angular JS also makes much of the code you would otherwise have to write completely redundant.

HOD

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Department of Computer Science & Engineering

ACADEMIC YEAR 2017-18

The List of students attended Internships' in multiple companies:

S No	Roll Number	Name of The Student	Organization in Which Internship has been Carried out	Period of Internship	Technology
1	143T1A0523	IRAM VASEEM	Mroads	25/07/2017 To MARCH/2018	BI/Analytics
2	143T1A0501	AVULA BHARGAVI	PACKETPREP	2/1/2018 To 31/1/2018	Selenium - JAVA
3	143T1A0510	CHITHRALA KAVYA			
4	143T1A0595	VEMULAPATI VASANTHI			
5	143T1A0597	VUTAKANTI MOUNIKA			
6	143T1A0503	B T HEMALATHA			
7	143T1A0593	VADLAMUDI JYOTHI			
8	143T1A0512	DUDEKULA RESHMA	Mind Wave	3/12/2017 To 02/1/2018	JAVA/J2EE
9	143T1A0506	BOJJAMMAGARI KURUVA PRIYANKA			
10	143T1A0524	J GEETHANJALI			
11	143T1A0555	NALLABOTHULA BHARGAVI			
12	143T1A0569	R WAJIDA BANU			
13	143T1A0590	T VANITHA			
14	143T1A0587	SYEDA SANEENA TEHREEM			
15	143T1A0519	GORLA RAVALI			
16	143T1A0534	KILLE LAKSHMI POOJITHA			
17	143T1A0548	MEDAM BHAVANA			
18	143T1A0588	T AMTULLAH MUBEEN			
19	143T1A0515	EEDHA JYOTHI			
20	143T1A0521	GUNJAPALLI SUCHITRA			
21	143T1A0585	SWARUPA RANI P			
22	143T1A0529	KACHANA PRASHANTHI REDDY			
23	143T1A0525	JAKKA RAMYA SMURTHI			

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24	143T1A0586	SYED TAHURA FARROK BASHA	Shia#sh	2/1/2018 TO 15/2/2018	.NET
25	143T1A0516	GOLLA HARINI			
26	143T1A0559	P SNIGDHA			
27	143T1A0596	VUTAKANTI MOUNIKA			
28	143T1A0580	SAPURU SRAVYA			
29	143T1A0582	SHAIK ARSHIYA JABEEN			
30	143T1A0502	B RUKHAYYA SHAISTHA			
31	143T1A0540	LINGAM ANUSHA			
32	143T1A0527	JYOTHI ABBE			
33	143T1A0545	MANGALI MOUNIKA			
34	143T1A0575	S NASEEM BANU			
35	143T1A0598	YESIREDDY VASANTHA			
36	143T1A0504	BANGARU PRIYANKA	Brain O Vision	24/7/2017 TO 30/8/2017	WEB DEVELOPMENT
37	143T1A0509	CHANDA JAI SREE			
38	143T1A0513	DUDEKULA RESHMA			
39	143T1A0518	GOPU PAVANI			
40	143T1A0522	HANUMANTHU DHARANI			
41	143T1A0528	K RAMA DEVI			
42	143T1A0505	BOGGARUPA RAMYA			
43	143T1A0531	KAMSALI SRI SHANTHI			
44	143T1A0507	BONTHA KAVYA			
45	143T1A0533	KARRA PADMAVATHY			
46	143T1A0539	LAGISETTY RAVALI			
47	143T1A0536	K VIDYA BHARATHI			
48	143T1A0547	MATTAM MOUNIKA	METROLAB	22/1/2018 TO 24/2/2018	WEB DESIGN
49	143T1A0543	MADUGUNDU VANI			
50	143T1A0550	N MANJULA			
51	143T1A0554	N SHAZIA MASRATH			
52	143T1A0552	KONGARA NANDINI KUMARI			
53	143T1A0561	PDEVIKA SUNAYANA REDDY			
54	143T1A0564	PERUGU BHAVYA			
55	143T1A0557	NARSIPALLE PRAVEENA			
56	143T1A0572	S FIRDOUS FOUZIA			

12/9/14

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57	143T1A0567	PRAVALIKA G	**Brain O Vision**	**1/2/2018 TO 7/3/2018**	**PYTHON**
58	143T1A0594	VEMULA HARIKA			
59	143T1A0589	T SAI SUDHA			
60	143T1A0571	S AYESHA			
61	143T1A0578	S UMAI SALMA DARVESH			
62	143T1A0577	S ROSHAN ARA			
63	143T1A0583	SHAIK HAFSAH NAABIHA			

14/9/21

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ACADEMIC YEAR 2018-19

S NO	ROLL NUMBER	NAME OF THE STUDENT	ORGANIZATION IN WHICH INTERNSHIP HAS BEEN CARRIED OUT	PERIOD OF INTERNSHIP
1	153T1A0413	D PRIYANKA	TECHL AND SYSTEMS PVT. LIMITED	06-06-19 TO 20-06-19
2	153T1A0421	GUMPULA ARADHANA		
3	153T1A0424	IMMADISETTY SUSHMA		
4	153T1A0401	AMBATIANKITHA		
5	153T1A0403	B RACHANA		
6	153T1A0409	CHENNURUVAISHNAVI		
7	153T1A0426	JARAGALAKEERTHICHOWDARY		
8	143T1A0424	G.YASHMITHA MURTHY		
9	153T1A0406	BONTHALA NAGAMALLIKA		
10	153T1A0407	C NARMADA		
11	153T1A0408	CHAKALI PAVANI		
12	153T1A0411	CHINNAPOLU KALPANA		
13	153T1A0416	DOMA HEMALATHA		
14	153T1A0417	G SOWMYA		
15	153T1A0420	GOWRU HARITHA		
16	153T1A0422	GUNJAPALLI SAHITHI GOUD		
17	153T1A0423	H SHAZIA BEGUM		
18	153T1A0425	INDRAKANTHI SUMA		
19	153T1A0427	JELLI VANAJAKSHI		
20	153T1A0429	K MANASA		
21	153T1A0428	K HARSHITHA	SOFTWAYZ IT SOLUTIONS	11-06-19
22	153T1A0459	POTLAPATIVIMALA		

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23	153T1A0402	B HIMA BINDU		TO
24	153T1A0485	V SREEMADHURI		
25	153T1A0471	SHAIK RESHMA		24-06-19
26	153T1A0419	G SAIMANASA		
27	153T1A0484	T SARIKA	CISCO	06-02-19
28	153T1A0404	BANAVASI PAVANI		TO
29	153T1A0415	DESAISUPRIYA		
30	153T1A0465	SANIVARAPUVANITHA		17-02-19
31	153T1A0463	S SREETEJA		
32	153T1A0451	MOHAMMEDIZEBAAFREEZ		
33	173T1A0464	S SHAREEN MEHNAAZ	INTERNSHALA	13-03-19 TO 19-05-19
34	153T1A0405	BEGENEPALLI VAISHNAVI	PANTECH E LEARNING	09-04-2019 TO 23-04-2019
35	153T1A0414	DASARI LAVANYA		
36	153T1A0418	G USHA RANI		
37	153T1A0435	KONDETI AMRUTHA		
38	153T1A0439	M RAHILA SIDDIQUA		
39	153T1A0444	MANJULA SWETHA		
40	153T1A0448	MARELLA HARITHA		
41	153T1A0458	POTHURAJU NAGA MALLIKA		

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42	153T1A0460	RAICHUR SANOVAR BEGUM		
43	153T1A0461	S HASEENA		
44	153T1A0462	S MD SHAHINA BEGUM		
45	153T1A0467	SHAIK KHUDSIA TABASSUM		
46	153T1A0469	SHAIK MEHAJABEEN		
47	153T1A0470	SHAIK RAZIA BANU		
48	153T1A0473	SHAIK SHAMSHUN		
49	153T1A0474	SHAIK SUMEERA		
50	153T1A0475	SHARAF SRIVIDYA		
51	153T1A0476	SOMA SAI SANTHOSHI		
52	153T1A0478	SUDIREDDY DHARANI		
53	153T1A0479	SYED MEER AFREEN		
54	153T1A0480	SYED MUBEENA RANI		
55	153T1A0487	VUNDAVELLI BHAVANA	**PANTECH SOLUTIONS**	**21-01-2019 TO 30-01-2019**
56	153T1A0488	Y BHAVANA		
57	153T1A0412	CIDHAVADUTA SAIVANITHA		
58	163T5A0402	SYED SHABANA YASMIN		
59	153T1A0486	VENKATAPURAM SRAVANI		
60	153T1A0466	SHAIK KAUSAR JAHAN		

12/1/19

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61	153T1A0477	SRIRAM APARNA
62	153T1A0489	YEKKANTI HARITHA
63	153T1A0434	KONA DEEPTHI
64	153T1A0436	KUNCHAPU VADDE SWATHI
65	153T1A0437	KURUVA KRISHNA MEGHANA
66	153T1A0438	M HARITHA
67	153T1A0441	MADASU MOUNIKA
68	153T1A0442	MALKARI RAMYA
69	153T1A0445	H SRAVYA SREE
70	153T1A0446	MANNE MAHESWARI
71	153T1A0447	MARAM PAVANI
72	153T1A0449	MEENIGA BHARATHI
73	153T1A0454	NARUVADI PRAVALLIKA

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Dt: 19-11-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE

To
The manager,
CISCO,Banglore,
Bangalore

Dear Sir,

Sub:Request to grant permission for internship in online mode to our students -Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo from December 04,2019 to December 18,2019.In this regard I request you to kindly grant permission to the following students to undergo internship in your esteemed organization.

1	163T1A0472	Racharla Deepthi
2	163T1A0497	Y. Lavanya
3	163T1A0416	EttamLahari
4	163T1A0421	G.Ragapriya
5	163T1A0441	Shaik Sameera
6	163T1A0444	KunduruThanuja
7	163T1A0455	M.ArshiyaTarannum
8	163T1A0456	Munagala Saritha
9	163T1A0459	Nallagatla Renuka
10	163T1A0417	Elluri Gayathri
11	163T1A0423	GundaNavya

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL

(Prof.G.V.R.Sagar)

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road
Near Venkayapalli, KURNOOL-518 002

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE-New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupala Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt: 06-02-2020

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE

To
The manager,
NATIONAL ENGINEERING OLYMPIAD.
Pune

Dear Sir,

Sub:Request to grant permission for internship in online mode to our students -Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo from February23,2020toMarch23,2020.InthisregardIrequestyoutokindlygrant permission to the following students to undergo internship in your esteemed organization.

1	173T1A0476	T. PRANATHI

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

(Prof.G.V.R.Sagar)

12/9/14
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

TechLand Systems Pvt. Ltd.

Uniting Resources of All Lands, Enabling Technology..
(An ISO 9001:2008 Certified Company)

Hyderabad,

03-6-2019

To,
Prof.G.V.R.Sagar,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 28-5-2019- Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 06-06-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

The Head-Engineering Services,
TechL and systems pvt.Limited,.

12/9/19
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

Softwayz IT SOLUTIONS

Warangal,

04-06-2019.

To,
Prof.G.V.R.Sagar,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 27-05-2019- Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 11-06-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

The
Coordinato
r,
Softwayz IT
solutions,

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

Banglore,
28-01-2019.

To,
Prof.G.V.R.Sagar,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 18-01-2019-Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 06-02-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

The **Manager,**
CISCO,

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

INTERNSHALA
internships that matter

Gurgaon. ,

01-03-2019

To,
Prof.G.V.R.Sagar,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 01-03-2019 - Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 13-03-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

The **Head Marketing,**
INTERNSHALA,

Pantech e Learning
ONLINE LEARNING PLATFORM

Hyderabad,
04-04-2019.

To,
Prof.G.V.R.Sagar,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 25-03-2019- Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 09-04-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

14/9/24
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

The Manager,
PANTECH E LEARNING.

Hyderabad,

PANTECH SOLUTIONS
Technology Beyond the Dreams

Hyderabad,

16-01-2019.

To,
Dr.V.Vijaya Kishore ,
Professor and Head,
Department of Electronics and Communication Engineering,
Ravindra College of Engineering for Women,
Kurnool.

Dear Sir,

Sub: Permission for Internship- Request letter dated 05-01-2019- Reg.

In response to your request letter cited above we accept your request for the internship program for a maximum of 20 students only. The program will be conducted from 21-01-2019.

It is further requested to direct the students to report at administrative office to complete the normal formalities.

Thanks and Regards

The Director,
PANTECH SOLUTIONS.

12/9/21
PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 002

2018-19

Dt:28-5-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE

To
The Head-Engineering Services,TechL and systems pvt. Limited,
Hyderabad.

Dear Sir,

Sub:Request to grant permission for internship to our students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real t applications. We are planning to depute our students to unde fromJune06,2019toJune20,2019.InthisregardIrequestyoutokindlygrantpermission to the following student: undergo internship in your esteemed organization.

1	153T1A0413	D PRIYANKA
2	153T1A0421	GUMPULA ARADHANA
3	153T1A0424	IMMADISETTY SUSHMA
4	153T1A0401	AMBATIANKITHA
5	153T1A0403	B RACHANA
6	153T1A0409	CHENNURUVAISHNAVI
7	153T1A0426	JARAGALAKEERTHICHOWDARY

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

12/9/21

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

(Prof.G.V.R.Sagar)

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE-New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupala Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt:28-5-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE

To
The Head-Engineering Services,TechL and systems pvt. Limited,
Hyderabad.

Dear Sir,

Sub:Request to grant permission for internship to our students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo fromJune06,2019toJune20,2019.InthisregardIrequestyoutokindlygrantpermission to the following students to undergo internship in your esteemed organization.

1	143T1A0424	G.YASHMITHA MURTHY
2	153T1A0406	BONTHALA NAGAMALLIKA
3	153T1A0407	C NARMADA
4	153T1A0408	CHAKALI PAVANI
5	153T1A0411	CHINNAPOLU KALPANA
6	153T1A0416	DOMA HEMALATHA

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

12/9/19
PRINCIPAL
RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
Pasupula Village
Near Venkatapuram, KURNOOL-518452

(Prof.G.V.R.Sagar)

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE-New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupula Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt:28-5-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE

To
The Head-Engineering Services,TechL and systems pvt. Limited,
Hyderabad.

Dear Sir,

Sub:Request to grant permission for internship to our students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it h made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real ti applications. We are planning to depute our students to under fromJune06,2019toJune20,2019.InthisregardIrequestyoutokindlygrantpermission to the following students undergo internship in your esteemed organization.

1	153T1A0417	G SOWMYA
2	153T1A0420	GOWRU HARITHA
3	153T1A0422	GUNJAPALLI SAHITHI GOUD
4	153T1A0423	H SHAZIA BEGUM
5	153T1A0425	INDRAKANTHI SUMA
6	153T1A0427	JELLI VANAJAKSHI
7	153T1A0429	K MANASA

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road, KURNOOL-518 002.

(Prof.G.V.R.Sagar)

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE, New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupala Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt:27-05-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE
To
The Coordinator,
Softwayz IT solutions,
Warangal

Dear Sir,

Sub:Request to grant permission for internship to our B.Tech students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo fromJune11,2019toJune24,2019.InthisregardIrequestyoutokindlygrantpermission to the following students to undergo internship in your esteemed organization.

1	153T1A0428	K HARSHITHA
2	153T1A0459	POTLAPATIVIMALA
3	153T1A0402	B HIMA BINDU
4	153T1A0485	V SREEMADHURI
5	153T1A0471	SHAIK RESHMA
6	153T1A0419	G SAIMANASA

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL.

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Near Venkayapalli, KURNOOL-518 002

(Prof.G.V.R.Sagar)

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE-New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupala Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt:18-01-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HODECE
To
The **Manager,**
CISCO,
Banglore.

Dear Sir,

Sub:Request to grant permission for internship to our B.Tech students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo from February 06,2019 to February 17,2019.In this regard I request you to kindly grant permission to the following students to undergo internship in your esteemed organization.

1	153T1A0484	T SARIKA
2	153T1A0404	BANAVASI PAVANI
3	153T1A0415	DESAISUPRIYA
4	153T1A0465	SANIVARAPUVANITHA
5	153T1A0463	S SREETEJA
6	153T1A0451	MOHAMMEDIZEBAAFREEZ

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg for Women
KURNOOL

12/1/19
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Nandikotkur Road
Pasupula (V), Kurnool
Near Venkayapalli, KURNOOL-518 002

(Prof.G.V.R.Sagar)

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
(Approved by AICTE-New Delhi, Affiliated to JNTUA-Anantapuramu)
Campus: Nandikotkur Road, Pasupala Village, Kurnool. A.P
Mobile: 9246911869, 7799870022 E-mail : principal@recw.ac.in Website : www.recw@ac.in

Dt:25-03-2019

Prof.G.V.R.Sagar
M.Tech.,Ph.D
HOD ECE

To
The Manager,
PANTECH E
LEARNING,
Hyderabad.

Dear Sir,

Sub:Request to grant permission for internship to our B.Tech students-Reg.

Greetings from Ravindra College of Engineering for Women, Kurnool, Andhra Pradesh

Ravindra College of Engineering for Women was established in the year 2008.Since its inception, it has made rapid steps not only in increasing the student intake but also updating the infrastructure.

It is indeed pleasure to inform you that as a part of updating the students knowledge on real time applications. We are planning to depute our students to undergo fromApril09, 2019toApril23, 2019.InthisregardIrequestyoutokindlygrantpermission to the following students to undergo internship in your esteemed organization.

1	153T1A0405	BEGENEPALLI VAISHNAVI
2	153T1A0414	DASARI LAVANYA
3	153T1A0418	G USHA RANI
4	153T1A0435	KONDETI AMRUTHA
5	153T1A0439	M RAHILA SIDDIQUA
6	153T1A0444	MANJULA SWETHA
7	153T1A0448	MARELLA HARITHA

Anticipating your kind cooperation in this regard.

Yours Sincerely

Head of the Department
Electronics & Communication Engineering
Ravindra College of Engg. for Women
KURNOOL

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Nandikotkur Road
Near Venkayapalli KURNOOL-518002

(Prof.G.V.R.Sagar)