

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**TECHNICAL TALK ON “ PATH FINDER NRI”**

**7<sup>TH</sup> MARCH 2019**

A Technical Talk on “PATH FINDER NRI” by alumni Mr. Guru Sharan, Founder for his new start up company “PATH FINDER NRI”, Bangalore. Technical Talk was Conducted on 7<sup>th</sup> MARCH 2019 in association with CSI STUDENT CHAPTER and KSIT ALUMNI ASSOCIATION – “CHIRANTHANA” in Department of CSE.

Participants: 6<sup>th</sup> Semester Students

Venue: CSE Seminar Hall

Timings : 9:30 AM to 10:30 AM

Organized By :

Name of the Staff with Signature

Prof. Deepa S R, Associate Professor, CSE 

Prof. Swathi K, Assistant Professor, CSE 

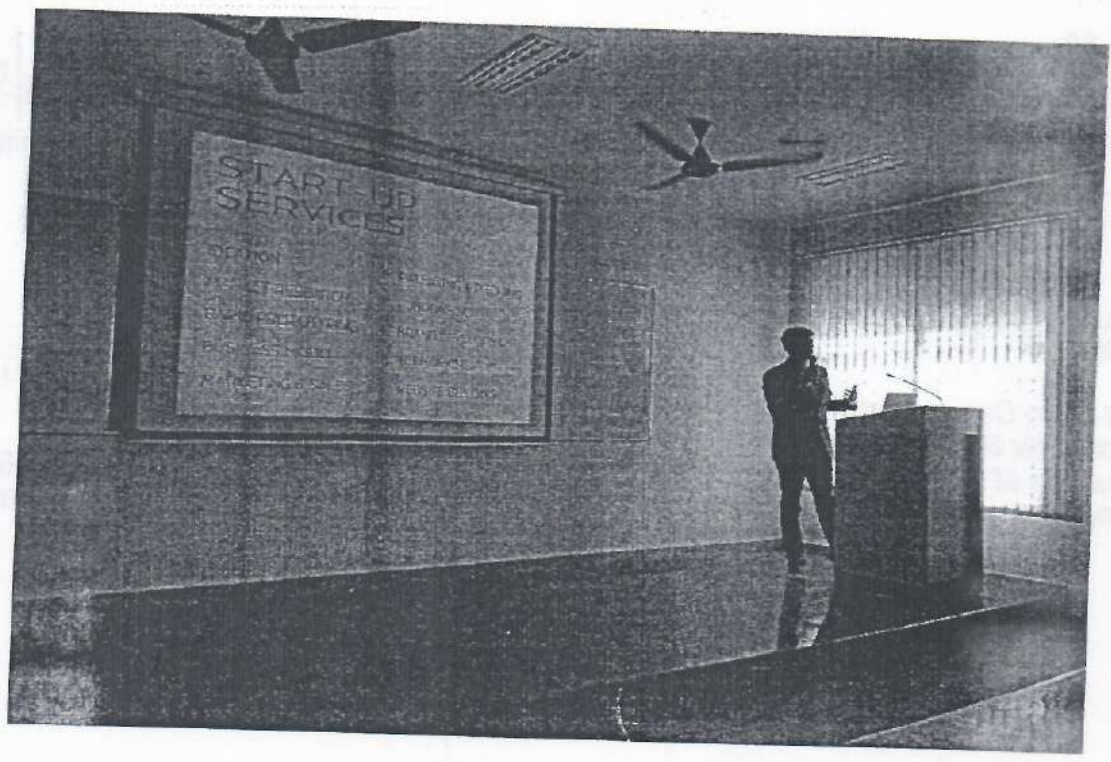
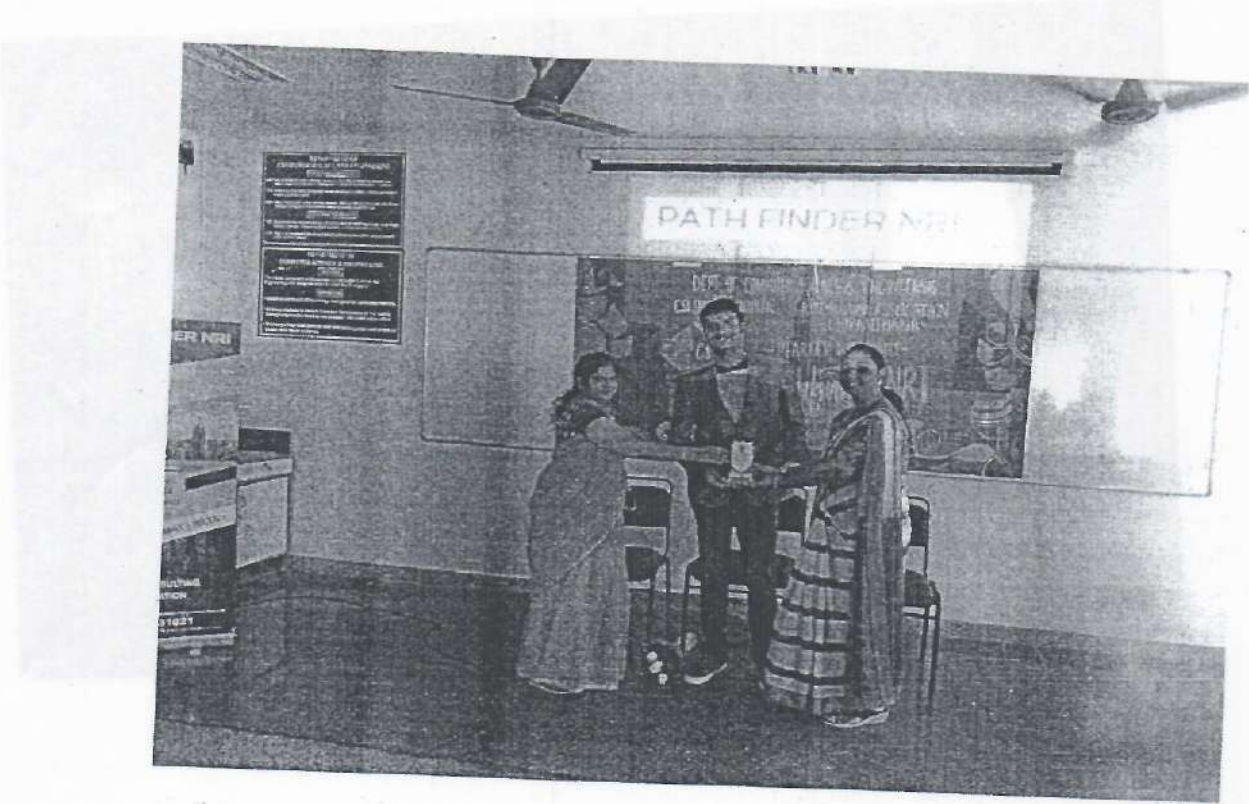
**Technical Talk Details**

The Inauguration of seminar started at 9:30am by introducing the Speaker Mr. Guru Sharan by alumni coordinator Swathi K. After the Inauguration, the technical talk on “Path Finder NRI” started at 9:40 am by our alumni. Mr. Guru Sharan got his Bachelor’s degree in Electronics & Communications from KSIT in 2014 and he is a proud KSIT Alumni. Guru graduated with his Master’s degree in Electrical & Computer Engineering from University of florida during 2016.

**The Speaker spoke about**

- Study Abroad
- Start Up Services
- Career Consulting
- Course Structure
- Why choose us ?
- Value for Money
- JOB Search (India & Abroad)



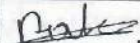
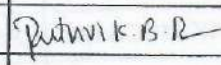
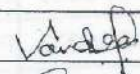
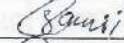
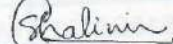
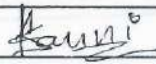
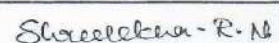
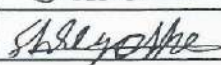
Pathfinder NRI is a group of students who are interested in entrepreneurship. They are currently working on their business plan and are looking for investors. They are currently in the process of raising funds for their business. They are currently in the process of raising funds for their business.



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**PATHFINDER NRI VI A SEC**  
**FOR THE ACADEMIC YEAR 2018-19**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS001	ABHISHEK.M	
2	1KS16CS002	ADITYA MISHRA	Aditya
3	1KS16CS003	ADITYA SHANKAR.M	
4	1KS16CS004	AKHILA.N	Akhila N
5	1KS16CS005	AKSHATHA.S.KATTA	Akshatha
6	1KS16CS006	AMAN SAGAR	
7	1KS16CS007	AMITH.J.S	Amith
8	1KS16CS008	ANAND.T.R	Anand
9	1KS16CS009	ANANYASHREE.H.BHARTUR	Ananyashree
10	1KS16CS010	APPANNA GOWDA.D	Appanna
11	1KS16CS011	ARAVIND.R	Aravind
12	1KS16CS012	AYUSH GUPTA	Ayush
13	1KS16CS013	BHAGWAT DAYAL	Bhagwat
14	1KS16CS014	BHARATH KUMAR.T.B	Bharath
15	1KS16CS015	BHARATH.P	Bharath P
16	1KS16CS016	BHAVANA.R (VP)	Bhavana
17	1KS16CS017	CHARLES THOMAS	Charles
18	1KS16CS018	DAKARAJU VISWA TEJA	Dakara
19	1KS16CS019	DARSHAN.G.K	Darshan
20	1KS16CS020	DHANVI.P.DESAI	Dhanvi
21	1KS16CS021	GREESHMA.S	Greeshma
22	1KS16CS022	HARINI.B.H	Harini B.H.
23	1KS16CS023	HARSHITHA.B.S	Harshitha.B.S
24	1KS16CS024	HARSHITHA.G.R	Harshitha G.R
25	1KS16CS025	HITHAISHINI.C	Hithaishi.C
26	1KS16CS026	HRISHIKESH.C.V	Hrishikesh
27	1KS16CS027	ISHANI KOUL	Ishani
28	1KS16CS029	KAMAKOTI.P.SUSEELA PRIYANKA	Priyanka
29	1KS16CS030	KAVYA.D	Kavya.D
30	1KS16CS031	KEERTHANA VIJAYABASKAR	
31	1KS16CS032	KEERTHI.M	Keerthi
32	1KS16CS033	KETAN.K	Ketan
33	1KS16CS034	KIRAN KUMAR.M	Kiran

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**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**PATHFINDER NRI VI B SEC**  
**FOR THE ACADEMIC YEAR 2018-19**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS061	POOJA SREEDHARA MURTHY	
2	1KS16CS062	PRADEEP.K.S	
3	1KS16CS063	PRAJWAL.D	
4	1KS16CS064	PRANJUL MISHRA	
5	1KS16CS065	PRASHANT KUMAR TIWARI	
6	1KS16CS066	PRATIK.N.N	
7	1KS16CS067	PREKSHA.J.W	
8	1KS16CS070	PRIYANKA PANDIT	
9	1KS16CS071	PRUTHVI PATEL.A.S	
10	1KS16CS072	RAGHURAM.G.N	
11	1KS16CS073	RAHUL.V	
12	1KS16CS074	RAKSHIT PAWAR	
13	1KS16CS076	RITWIK.G.S	
14	1KS16CS077	ROHIT KUMAR.B.R	
15	1KS16CS078	RUTHVIK.B.R	
16	1KS16CS079	SAHANA.S	
17	1KS16CS081	SAMEEKSHA.M.GUPTA	
18	1KS16CS082	SAMPATH KUMAR	
19	1KS16CS083	SANDHYA.D	
20	1KS16CS084	SANDRA VAANIJA	
21	1KS16CS086	SAVINAYA SHETTY.T.N	
22	1KS16CS087	SHALINI.N	
23	1KS16CS088	SHALINI.V	
24	1KS16CS089	SHANTANU KUMAR	
25	1KS16CS090	SHASHANK KAVUR	
26	1KS16CS091	SHEELA	
27	1KS16CS092	SHRAVAN BHAT	
28	1KS16CS093	SHREELEKHA.R.N	
29	1KS16CS094	SHREYAS.H.C	
30	1KS16CS095	SHRIVIDYA.N	
31	1KS16CS096	SIDDHANTH.M	
32	1KS16CS098	SONALI SINHA	
33	1KS16CS099	SOUJANYA.K	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Seminar on Higher education. Path finder NRI

Date: 03/07/2019

Student Name: *Greeshma, S*

USN: *1KS16CS024*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**KSIT**  
K. S. INSTITUTE OF TECHNOLOGY

(2)

**K. S. INSTITUTE OF TECHNOLOGY**  
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Seminar on "Robotics and Home Automation"**

**Date of Conduction of Seminar:** 27<sup>th</sup> February 2019

**Venue:** Conference Hall (NB), KSIT

**Organized by:** Department of Computer Science & Engineering

**Conducted By:** Prof. Sreenivasa Shetty, Founder of SST Technologies, Bengaluru

**Duration:** 2.00 pm to 4.15 pm

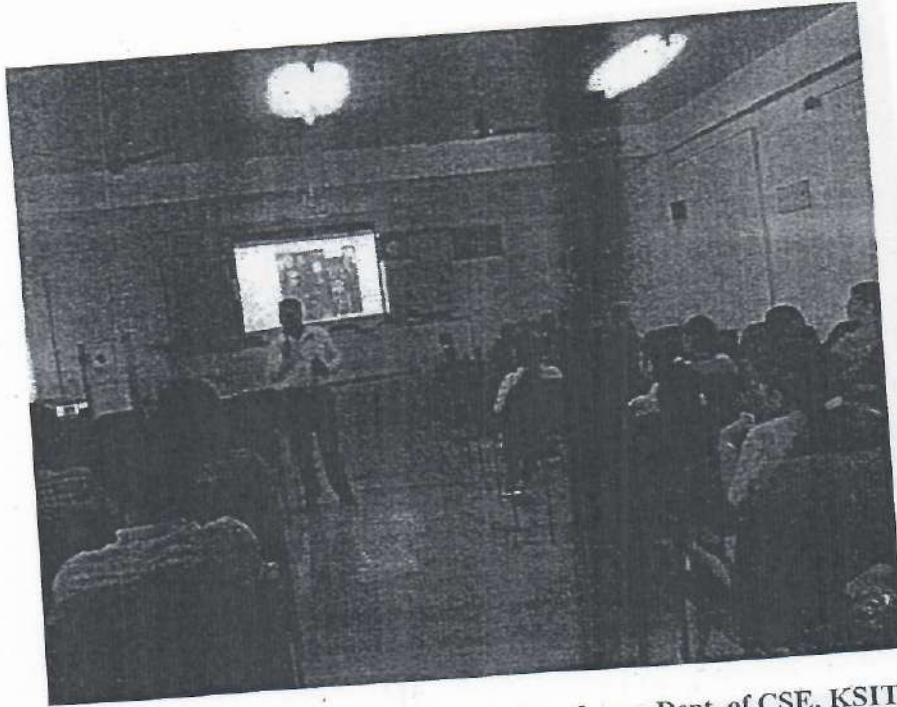
**Participants:** 4<sup>th</sup> semester 'A' and 'B' section, CSE students

**Scope of the Seminar:-**

This seminar was conducted for the 2<sup>nd</sup> year (4<sup>th</sup> sem 'A' and 'B') CSE students in order to gain knowledge about the following: - IoT (Internet of Things) Architecture and its Applications, Case studies, Robotics and Home Automation. This seminar focused on providing an overview on IoT and its real-time applications which is very much required to provide solutions to real-world problems. The seminar was very effective and the presentation focused on the development of applications to meet the suitable requirements of our daily life.

**Objectives of the Seminar:-**

- Comparison of microprocessors and microcontrollers
- Discussion on Embedded systems and microcontrollers.
- Importance of IoT and its applications
- IoT in daily life
- Explanation on Bluetooth controlled devices and its uses.
- Home automation case studies shown through power-point presentations.
- Overview on Robotics and related case studies.
- Providing focus on Machine-to-Machine communication
- Benefits of IoT to solve real-time challenges



*Ashwini* Report Submitted By: Ashwini, Asst. Professor, Dept. of CSE, KSIT

*[Signature]*  
HOD CSE, KSIT

Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109



K.S. INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTER SCIENCE & ENGG.

Seminar on "Robotics and Home Automation"

LIST OF STUDENTS ATTENDED 4TH 'A' and 'B' SECTION

DATE: 27th Feb 2019 TIME: 2:00 to 4.15 PM, VENUE: CONFERENCE HALL

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS052	PARTH.P.SHAH	Parth
2	1KS17CS053	PAVANI.M	Pavani
3	1KS17CS054	PAVITHRA.K.R	Pavithra
4	1KS17CS055	POOJA.R	Pooja
5	1KS17CS056	PRASHANTH.K	Prashanth
6	1KS17CS057	PRAVEEN	Praveen
7	1KS17CS058	PRAVEEN.A	Praveen
8	1KS17CS059	PRAVEEN.S	Praveen S.
9	1KS17CS060	RAJASHREE SHIVAKUMAR	Rajashree
10	1KS17CS061	RAKSHITH.R	Rakshith
11	1KS17CS062	ROHITH.K	Rohith
12	1KS17CS063	ROHITH.R	Rohith
13	1KS17CS064	ROOPASHREE.N	Roopashree
14	1KS17CS065	ROSHINI.R	Roshini
15	1KS17CS066	RUCHITHA.G.K	Ruchitha
16	1KS17CS067	S.MONIKA	Monika
17	1KS17CS069	SAI KUMAR.L.S	Saikumar
18	1KS17CS070	SAI SNEHA.S.V	Saisneha
19	1KS17CS071	SAKSHI KUMARI	Sakshi
20	1KS17CS072	SANDESH NAIKAL	Sandesh
21	1KS17CS073	SAURAV SUMAN	Saurav
22	1KS17CS074	SHARANYA.H	Sharanya
23	1KS17CS075	SHASHANK SHET.K	Shashank
24	1KS17CS076	SHREYAS.R	Shreyas
25	1KS17CS077	SHRI HARSHA KULKARNI	Shri Harsha
26	1KS17CS078	SINDHU.H.S	Sindhu H.S
27	1KS17CS079	SINDHU.M	Sindhu S.
28	1KS17CS080	SOUVIK MANDAL	Souvik
29	1KS17CS081	SPOORTHI.R	Spoorthi
30	1KS17CS082	SPOORTHI.V	Spoorthi
31	1KS17CS083	SRIKALA.K.M	Srikala



SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
32	1KS17CS084	SRUSHTI.A	Srushti
33	1KS17CS085	SUJANA.G.N	Sujana
34	1KS17CS086	SUPREETHA.R.KASHYAP	Supriya K.
35	1KS17CS087	SUPRIYA.K	Supriya K.
36	1KS17CS088	SURAKSHITHA.M	Swati Pi
37	1KS17CS089	SWATI PAI	J.K. Dhanechasee
38	1KS17CS090	T.K.DHANUSHREE	Chaitanya
39	1KS17CS091	TALUPULA SIVA SAI CHAITHANYA	Tejas
40	1KS17CS092	TEJAS.C.S	Tharun
41	1KS17CS093	THARUN.K	Vaishu
42	1KS17CS094	VARSHINI.N.PRAKASH	Vaishu
43	1KS17CS095	VARSHITHA.S	
44	1KS17CS096	VARUN ATTIGANAL VENKATESH	
45	1KS17CS097	VARUN.R.REDDY	Vaishu
46	1KS17CS098	VIKRAM SHIVAPPA CHATTARAKI	Vibram
47	1KS17CS099	VINAY RAMARAO BIRADAR	Vinay
48	1KS17CS100	VISHAL.M.S	Vishal
49	1KS17CS101	VYBHAVI.J	Vybhavi
50	1KS16CS059	P.VENKAT SAI	Venkatesh Sai
51	1KS16CS068	PRERANA.D.S	Prerana D.S.
52	1KS16CS110	VARNA.M	Varna
53	1KS15CS021	CHETAN.S.KHOT	Chetan S.Khot



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Seminar on Robotics and Home automation  
Student name: *Surabhi H.S.*

Date: 27/02/2019

USN: *1KS17CS078*

FEEDBACK FORM

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised	Well organised ✓	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good	Good ✓	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Seminar on Robotics and Home automation  
Student name: *Praveen S.*

Date: 27/02/2019

USN: *1KS17CS059*

FEEDBACK FORM

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised	Well organised ✓	Less organised	No
2	Do you think the event made a useful social contribution	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good	Good ✓	Average	Not Good
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EQUINOX CLUB  
ACTIVITY (3)

Kammavari Sangham (R) - 1952  
K.S.Group of Institutions  
**K S INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli, Kanakapura Main Road,Bengaluru-560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
REPORT OF TECHNICAL TALK

ON

**Mobile App Development**

A technical Talk was organized by Department of CSE at KSIT under CSI student chapter and EQUINOX Club, about "Mobile App Development" by Mr. Deepak Rajkumar Garg, Business Development Manager, ATS Infotech private limited, Bengaluru, on 22<sup>nd</sup> February 2019, for 4<sup>th</sup> Semester CSE students from 9.30 pm to 11.00 pm.



Fig. 1 Resource person delivering talk



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Fig. 2 Students attending the talk

The topics covered were-

In today's fast paced world people are wondering what really is mobile app development. Mobile application development is the process of making or creating a mobile application to run on various mobile platforms. A mobile platform is a mobile operating system

When thinking about how and why to build a mobile application and begin development it is important to think about how you plan to proceed. The steps you should follow is

- **Define Success:** Is success x number of downloads or x amount of money or x active users. Keep it realistic though.
- **What is your budget?** The average cost of an application can range from \$3,000 to over a Million Dollars so it is important to define your budget.
- **What Platforms are you going to be on?** It is important to decide where your market is, what the best way to reach them is, and what gives you the biggest opportunity.
- **What are your features?** Apps are not websites, you need to create good features that people want to use and have a good user interface.
- **What are you going to do once it is published?** Make sure you have a game plan of how you are going to market and push your mobile application



The technical talk session was useful as students got knowledge about Mobile App Development.  
Finally this session was very helpful to plan the career.

Coordinator

*D. Manjunath*  
HOD *25/9/19*  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Technical Talk on "Mobile APP development"**

**LIST OF STUDENTS ATTENDED 4TH 'A' and 'B' SECTION**

**DATE: 22nd Feb 2019 TIME: 9:30 to 11:00 AM, VENUE: CS SEMINAR HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS001	AAFREEN HUSSAIN	Aafreen
2	1KS17CS002	ABHISHEK GOWDA.M.V	Abhishek
3	1KS17CS003	AKSHATHA RAMESH	Akshatha
4	1KS17CS004	AKSHITHA.B.S	Akshitha
5	1KS17CS005	AMOGH.R	Amogh
6	1KS17CS006	AMOGHA MANJUNATHA.K	Amogha
7	1KS17CS007	AMRUTHA.V.DESHPANDE	Amrutha
8	1KS17CS008	ANOOP.P.S	Anoop.P.S
9	1KS17CS009	ANUHYA.B.KULKARNI	Anuhya
10	1KS17CS010	ANUSHA.A.G	Anusha
11	1KS17CS011	ANUSHREE.J	Anushree
12	1KS17CS012	ARITRA RAY	
13	1KS17CS013	ASHISH.K.AMAR	Ashish
14	1KS17CS014	LAKSHMI PRASANNA.B	
15	1KS17CS016	BHAVESH BHANSALI	Bhavesh
16	1KS17CS017	CHAITRA	Chaitra
17	1KS17CS018	CHANDANA.B.R	
18	1KS17CS019	CHENNA KESHA.N.T	Chenna
19	1KS17CS020	DARSHAN.S	Darshan
20	1KS17CS021	DEEKSHITHA.R	Deekshitha
21	1KS17CS022	DEEPIKA.S.H	Deepika
22	1KS17CS023	DIVYA YASHASWI KANNEY	Divya
23	1KS17CS024	GANESH.G.B	Ganesh G.B
24	1KS17CS025	GANESH MAUDGHALYA.H.G	Ganesh
25	1KS17CS026	GAUTHAM.C.R	Gautham
26	1KS17CS027	H.PRIYANKA	
27	1KS17CS028	HANUMESH.V.T	Hanumesh
28	1KS17CS029	HARSHITHA.V	Harshitha
29	1KS17CS030	INDRASENA KALYANAM	
30	1KS17CS032	KARAN RAGHUNATH	Karan
31	1KS17CS033	KARTHIK.T.C	
32	1KS17CS034	KAVITHA.S	Kavitha

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
33	1KS17CS035	KEERTHI.N	Keerthi N
34	1KS17CS036	KRITHIKA JAGANNATH	
35	1KS17CS037	LAVANYA.V	Lavanya.V.
36	1KS17CS038	LOKESH.B.M	Shw
37	1KS17CS039	MADHUSUDHAN.G	
38	1KS17CS040	MANJUNATH.A	Manjunath
39	1KS17CS041	MEGHANA.C.V	Megha C.V
40	1KS17CS042	MEGHANA.G	
41	1KS17CS043	MEGHANA.G.R	Meghana G.R.
42	1KS17CS044	MOUNIKA.M.K.L	
43	1KS17CS045	NEHA.K	Neha K.
44	1KS17CS046	NIKHIL SUBRAMANYA.K	Nikhil.
45	1KS17CS047	NIKITHA KATARI	Nikitha.
46	1KS17CS048	NISCHITHA.C	
47	1KS17CS049	NITISH KUMAR GUPTA	Nitish K.R.
48	1KS17CS050	NYDILE.G.R	
49	1KS17CS051	P.KISHORE	P.Kishore
50	1KS17CS102	SHRIRAKSHA.S.KANAGO	
51	1KS18CS400	JANARDHAN RAJ.B	Janardhan Raj
52	1KS18CS401	KRUTHIKA.B.M	
53	1KS16CS042	MEGHANA.H.S	Megha H.S.



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical Talk on Mobile App Development

Date: 22/02/2019

Student Name: *Amogh R.*

USN: *1KS17CS005*

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good	Good ✓	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical Talk on Mobile App Development

Date: 22/02/2019

Student Name: *Kanitha S.*

USN: *1KS17CS034*

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
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4

**Kammavari Sangham (R) - 1952**

**K.S.Group of Institutions**

**K S INSTITUTE OF TECHNOLOGY**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**REPORT OF TECHNICAL TALK**

**ON**

**CITY SURVEILLANCE AND NAYAGAADI**

A seminar was organized by Department of CSE at KSIT under CSI student chapter , about "City Surveillance and Nayagaadi" by Mr. Sridhar Singisetty, Director & Co Founder, City Surveillance, Bengaluru, Mr. Balaji, Founder ,Nayagaadi, Bengaluru, on 20<sup>th</sup> February 2019, for 6<sup>th</sup> Semester CSE students from 10.30 pm to 11.30 pm.

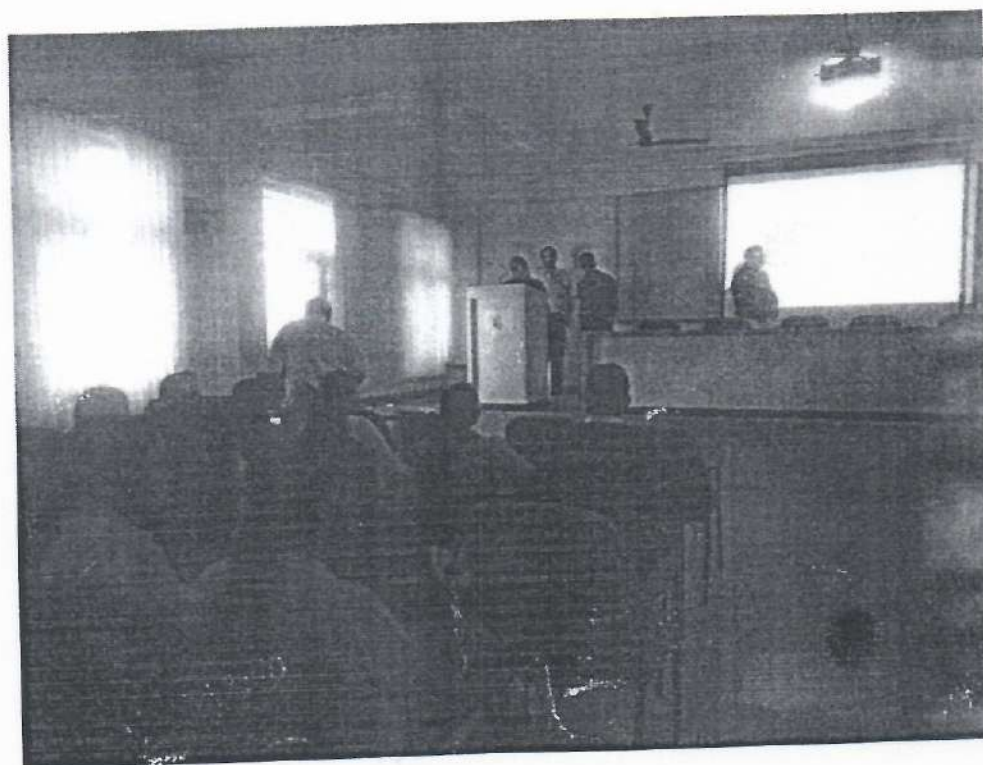




Fig. 1 Resource person delivering talk



Fig. 2 Students attending the talk

The topics covered were-

City surveillance was started with a vision to disrupt the surveillance market in India for the purpose of making surveillance affordable which helps in crime prevention. The main agenda is to create an alert of crime occurrence through various techniques which saves lives. The services and solutions offered by city surveillance is designed towards addressing all the pain points suffered by the society.



**KSIT**  
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**Specialties:**

surveillance as service  
video analytics  
home land security

Nayagaadi is similar to e-commerce websites like Amazon but meant only for automobiles. Nayagaadi has developed an app related to it available in google and apple play store. The main agenda of Nayagaadi is to SAVE MONEY AND TIME. Multi brand test is available at doorstep which saves a lot of time in today's busy schedules. Considering pollution problems, Nayagaadi has come with electric drive vehicles. Similar to e-commerce websites they too provide delivery at doorstep and the cart is also implemented. Each and every vehicle has complete description along with its features

The technical talk session was useful as students got knowledge about City Surveillance and Nayagaadi. Finally this session was very helpful to plan to take up the internship and build their career.

*Deepa*  
Coordinator

*M. N. Narayana*  
HOD,  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 103



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical Talk on Internship opportunities in City Surveillance and Nayagaadi

Date: 20/02/2019

Student Name: *Rehith.K.*

USN: *1KSI7CS062*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised ✓	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical Talk on Internship opportunities in City Surveillance and Nayagaadi

Date: 20/02/2019

Student Name: *Swati Pai*

USN: *1KSI7CS089*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S INSTITUTE OF TECHNOLOGY, BENGALURU**  
Department of Computer Science & Engineering

*In association with CSI*

## **INVITATION**

**GUEST LECTURE ON  
ARTIFICIAL INTELLIGENCE**

**On 17<sup>th</sup> November, 2018 from 9:00 am – 10:00 Am**

**Venue: CSE Seminar Hall**

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**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY

**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**

# **K S INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli, Kanakapura Main Road,Bengaluru-560109

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT OF GUEST LECTURE**

**ON**

**ARTIFICIAL INTELLIGENCE**

A Workshop was organized by Department of CSE at KSIT under CSI student chapter, about "Artificial Intelligence" on 17-11-2018, for 5<sup>th</sup> Semester CSE students from 9.00pm to 10.00 pm, in association with CSI Bangalore Chapter

With the support of

I. Dr G T Raju  
Vice Principal, HOD,  
RNSIT, Bengaluru

Faulty Coordinator:

M. Beena K.



**KSIT**  
K. J. SOMAIYA INSTITUTE OF TECHNOLOGY



Fig. 1 Dr G T Raju explaining the techniques

Artificial Intelligence is the theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages

The Artificial Intelligence guest lecture enabled students to:

- Exploring various AI problems.
- Understand various techniques to solve AI problems.
- Categorize problems according to characteristics.
- Gaining knowledge how to program computers like human.
- Learning various representations for AI problems.
- Learning through animated video of solving different AI problems like water jug problem, missionaries and cannibal problem, tic tac toe problem



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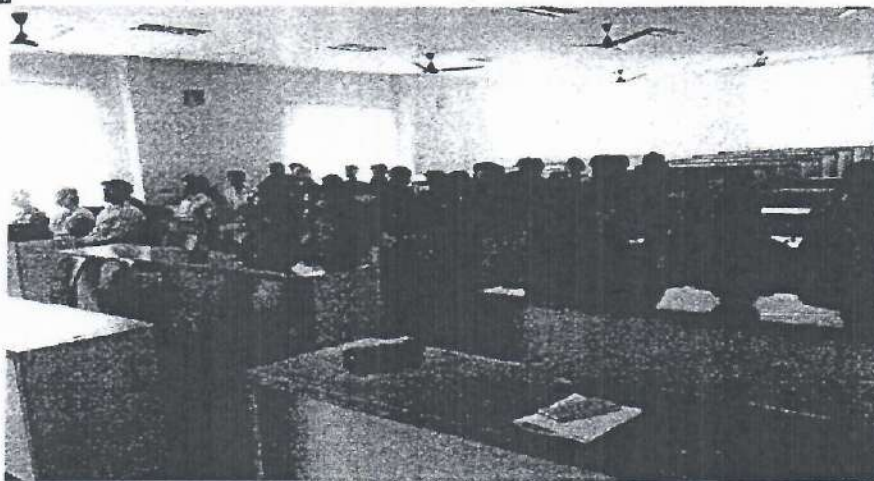


Fig. 2 Students attending the lecture

The students were able to understand overview of AI.

*[Signature]*  
Coordinator

*[Signature]*  
15-11-18  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

*[Signature]*  
HOD 19/11/18

Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Guest Lecture ON**  
**"Artificial Intelligence**  
**ATTENDANCE DATE: 17/11/2018**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS010	APPANNA GOWDA.D	<i>Appanna</i>
2	1KS16CS011	ARAVIND.R	
3	1KS16CS015	BHARATH.P	<i>Bharath</i>
4	1KS16CS020	DHANVI.P.DESAI	<i>Dhanvi</i>
5	1KS16CS021	GREESHMA.S	<i>Greeshma</i>
6	1KS16CS022	HARINI.B.H	<i>Harini B.H</i>
7	1KS16CS023	HARSHITHA.B.S	<i>Harshitha B.S</i>
8	1KS16CS025	HITHAISHINI.C	<i>Hithaishini</i>
9	1KS16CS027	ISHANI KOUL	<i>Ishani Koul</i>
10	1KS16CS029	KAMAKOTI.P.SUSEELA PRIYANKA	<i>Priyanka</i>
11	1KS16CS031	KEERTHANA VIJAYABASKAR	<i>Keerthana</i>
12	1KS16CS035	KOVVURI TARUN NAIDU	<i>Tarun</i>
13	1KS16CS038	MANASA REDDY.K	<i>Manasa</i>
14	1KS16CS044	MOHITH.P	<i>Mohith</i>
15	1KS16CS060	PAVAN GOWDA.B.K	<i>Pavan</i>
16	1KS15CS009	ANUPAM.R	<i>Anupam</i>
17	1KS16CS065	PRASHANT KUMAR TIWARI	
18	1KS16CS066	PRATIK.N.N	<i>Pratik</i>
19	1KS16CS070	PRIYANKA PANDIT	<i>Priyanka</i>
20	1KS16CS071	PRUTHVI PATEL.A.S	
21	1KS16CS072	RAGHURAM.G.N	
22	1KS16CS074	RAKSHIT PAWAR	
23	1KS16CS076	RITWIK.G.S	
24	1KS16CS077	ROHIT KUMAR.B.R	<i>Rohit</i>
25	1KS16CS079	SAHANA.S	
26	1KS16CS082	SAMPATH KUMAR	
27	1KS16CS084	SANDRA VAANJA	<i>Sandra</i>
28	1KS16CS086	SAVINAYA SHETTY.T.N	<i>Savinaya</i>
29	1KS16CS090	SHASHANK KAVUR	
30	1KS16CS091	SHEELA	<i>Sheela</i>
31	1KS16CS092	SHRAVAN BHAT	<i>Shravan</i>

32	1KS16CS095	SHRIVIDYA.N	<i>[Signature]</i>
33	1KS16CS096	SIDDHANTH.M	<i>[Signature]</i>
34	1KS16CS098	SONALI SINHA	
35	1KS16CS099	SOUJANYA.K	
36	1KS16CS103	SUHAS KAKADE.K	<i>SuhasKakade.K</i>
37	1KS16CS104	SUHIL.K.M	<i>[Signature]</i>
38	1KS16CS105	SUPRIYA.C	
39	1KS16CS106	SURYA.M	
40	1KS16CS107	SWATHI.M.C	
41	1KS16CS114	VEDANTHI KARTHIK.N	<i>Vedanthi Kartik.N</i>
42	1KS16CS116	VENNALA.K.N	<i>[Signature]</i>
43	1KS16CS118	VIDYASHREE.S	
44	3VC16CS072	RASHMI HEGADE	







Kammavari Sangham (R) - 1952  
K.S. Group of Institutions  
**KS INSTITUTE OF TECHNOLOGY**

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
REPORT ON WORKSHOP  
**“VMWARE VIRTUALIZATION AND CLOUD ESSENTIALS”**

The Department of Computer Science and Engineering organized a two days' workshop on **“VMware Virtualization and Cloud Essentials”** on 13<sup>th</sup> and 14<sup>th</sup> Nov, 2018 in association with BITES and CSI in Online Lab, New Block. The 5<sup>th</sup> Semester 'A' section Students were the targeted participants.

**Resource Persons:**

**Mr. Sudarshan**

Business Consultant – LDS Infotech

**Mr. Mayank Srivastava**

Partner Manager – VMware India

**Mr. Naresh Babu**

VMware Certified Instructor L2, IT Consultant & CEO

Workshop began with a short inauguration function. All the resource persons were welcomed with bouquets by CEO, K.S. Group of Institutions, Dr. K. V. A. Balaji and Principal Dr. T. V. Govindaraju, followed by Principal address to the student participants about workshop.



1. CEO and Principal welcoming the resource persons with a bouquet

Workshop Day 1 session 1 started with presentation by Mr. Mayank Srivastava. The topics presented were brief Introduction to VMware, VMware advantages, Importance of VMware in Infrastructure based industries.



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4. Hands on session

Day 2 session 1 was presentation followed by hands on regarding permissions, cloning and migrating virtual machine. Session 2 was a brief introduction to cloud fundamentals.

The workshop was really informative for the students to acquire knowledge on Virtual machines concepts and hands on labs. As the topic is not included in the curriculum it will be helpful for the students to acquire skills required for building their successful career.

**Coordinator**

- 1. Mrs. Vanceta M *Mavy*
- 2. Mrs. Deepa S.R. *deepa*
- 3. Mrs. Sangeetha V *Sangeetha*
- 4. Mrs. Priyanga P *P.P.P*
- 5. Mr. Prashanth H S *Prashanth*

*[Handwritten Signature]*

**HOD**

Head of the Department  
Dept. of Computer Science & Eng  
K.S. Institute of Technology  
Bengaluru - 560 109

*[Handwritten Signature]*  
17.11.18



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Workshop on "VMWare Virtualization and Cloud Essentials"**

**LIST OF STUDENTS ATTENDED 5TH 'A'**

**DATE: 13th and 14th Nov 2018 , VENUE: CS SEMINAR HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS001	AAFREEN HUSSAIN	<i>Aafreen</i>
2	1KS17CS002	ABHISHEK GOWDA.M.V	
3	1KS17CS003	AKSHATHA RAMESH	<i>Akshatha</i>
4	1KS17CS004	AKSHITHA.B.S	<i>Akshitha</i>
5	1KS17CS005	AMOGH.R	<i>Amogh</i>
6	1KS17CS006	AMOGHA MANJUNATHA.K	
7	1KS17CS007	AMRUTHA.V.DESHPANDE	<i>Amrutha</i>
8	1KS17CS008	ANOOP.P.S	<i>Anoop P.S.</i>
9	1KS17CS009	ANUHYA.B.KULKARNI	<i>Anuhya B.</i>
10	1KS17CS010	ANUSHA.A.G	<i>Anusha</i>
11	1KS17CS011	ANUSHREE.J	
12	1KS17CS012	ARITRA RAY	<i>Aritra</i>
13	1KS17CS013	ASHISH.K.AMAR	<i>Ashish K. Amar</i>
14	1KS17CS014	LAKSHMI PRASANNA.B	
15	1KS17CS016	BHAVESH BHANSALI	<i>Bhavesh</i>
16	1KS17CS017	CHAITRA	<i>Chaitra</i>
17	1KS17CS018	CHANDANA.B.R	<i>Chandana</i>
18	1KS17CS019	CHENNA KESHA.N.T	<i>Chenna</i>
19	1KS17CS020	DARSHAN.S	<i>Darshan</i>
20	1KS17CS021	DEEKSHITHA.R	<i>Deekshitha</i>
21	1KS17CS022	DEEPIKA.S.H	<i>Deepika</i>
22	1KS17CS023	DIVYA YASHASWI KANNEY	<i>Divya</i>
23	1KS17CS024	GANESH.G.B	<i>Ganesh G.B</i>
24	1KS17CS025	GANESH MAUDGHALYA.H.G	
25	1KS17CS026	GAUTHAM.C.R	<i>Gautham</i>
26	1KS17CS027	H.PRIYANKA	<i>Priyanka</i>
27	1KS17CS028	HANUMESH.V.T	<i>Hanumesh</i>
28	1KS17CS029	HARSHITHA.V	<i>Harshitha</i>
29	1KS17CS030	INDRASENA KALYANAM	<i>Indra Sena</i>
30	1KS17CS032	KARAN RAGHUNATH	
31	1KS17CS033	KARTHIK.T.C	<i>Karthik</i>

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
32	1KS17CS034	KAVITHA.S	Kavitha S.
33	1KS17CS035	KEERTHI.N	Keerthi N.
34	1KS17CS036	KRITHIKA JAGANNATH	Krithika J.
35	1KS17CS037	LAVANYA.V	Lavanya V.
36	1KS17CS038	LOKESH.B.M	Lokesh B.M
37	1KS17CS039	MADHUSUDHAN.G	Madhusudhan G.
38	1KS17CS040	MANJUNATH.A	Manjunath A.
39	1KS17CS041	MEGHANA.C.V	Meghana C.V.
40	1KS17CS042	MEGHANA.G	Meghana G.
41	1KS17CS043	MEGHANA.G.R	Meghana G.R.
42	1KS17CS044	MOUNIKA.M.K.L	Mounika M.K.L.
43	1KS17CS045	NEHA.K	Neha K.
44	1KS17CS046	NIKHIL SUBRAMANYA.K	Nikhil S.
45	1KS17CS047	NIKITHA KATARI	Nikitha K.
46	1KS17CS048	NISCHITHA.C	Nischitha C.
47	1KS17CS049	NITISH KUMAR GUPTA	Nitish K.G.
48	1KS17CS050	NYDILE.G.R	Nydile G.R.
49	1KS17CS051	P.KISHORE	P.Kishore
50	1KS17CS102	SHRIRAKSHA.S.KANAGO	Shri S.
51	1KS18CS400	JANARDHAN RAJ.B	Janardhan R.
52	1KS18CS401	KRUTHIKA.B.M	Kruthika B.M
53	1KS16CS042	MEGHANA.H.S	Meghana H.S.
54	1KS15CS069	PRASHANTH.S	Prashanth S.
55	1KS15CS073	PRIYANKA.M	Priyanka M.
56	1KS15CS091	SHANTHANU SHIVASWAMY	Shanthanu S.
57	1KS15CS121	YASHAS.H.R	Yashas H.R.
58	1KS15CS127	VINUTHA.S	Vinutha S.
59	1KS14CS076	PAVAN KUMAR.D	Pavan K.D.
60	1KS16CS404	JYOTHIPRIYA.M	Jyothipriya M.





**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on VMware Virtualization and Cloud Essentials

Date: 13/11/2018 and 14/11/018

Student Name: Anushree J.

USN: 1KS17CS011

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on VMware Virtualization and Cloud Essentials

Date: 13/11/2018 and 14/11/018

Student Name: Kaathik T.C.

USN: 1KS17CS033

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised	well organised ✓	Less organised	No
2	Do you think the event made a useful social contribution	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	

# K.S. INSTITUTE OF TECHNOLOGY

## DEPT. OF COMPUTER SCIENCE AND ENGG.

### DBMS workshop Report 2018

The DBMS workshop was a series of two days which was held on 22/9/18 and 23/9/18. The first day of the DBMS workshop was inaugurated by the principal and the HOD of the Computer Science Department along with the staff members by lighting the lamp to invoke the blessings from the almighty.

It was an inception point for all us young minds to venture into Web development. The workshop primarily unfolded working with databases, to analyse the different data manipulation actions available in MySQL Workbench. The commands taught were useful to create a database, use the created database, create a table, update, modify and alter the tables. The academic labs give the students an insight into the above mentioned functions through a purely coding oriented background. Tinkering with MySQL workbench, which is a much Drag and Drop governed approach, was a crystal clear realization that there are many softwares that can aid to ease the work at hand. This was handled by Mrs. Sougandhika Narayan.

The next talk to be delivered to the students was on HTML. This was handled by Mr. Kumar K. His introduction to the various HTML tags was a very valuable input for the rest of the proceedings of the workshop. These were necessary to start building the front end of our project. It was specified that HTML is just a Mark-Up Language which is used for displaying contents on the webpage and giving its essential structure, which is like the backbone of the front-end user's interface.

The next phase of the session was handled by Mr. Pradeep Kumar G H. He initiated a buzzing stir with his presentation, which was part of the introduction. He also informed us the importance of following the standard protocols of W3C (World Wide Web Consortium), and why is it a crucial factor.

This was enough for us to realize that there is a vast ocean of softwares that we are to get accustomed to. Day 2 revealed the most essential concepts, creation of back-end and Front-end and Back-end connecting activities, and how to navigate through the webpages. The hands-on session was revealing. The students complied to innovate the base code taught by the Speaker. The students played around with their UI (also referred to as indents) of the website in the making.

The workshop contributed to the student's knowledge bank, more on the side of practical exposure.



*N. Venkatesh*  
HOD-CSE 23/5/18

*[Signature]*  
23.5.18  
Principal



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Workshop on "DBMS"**

**LIST OF STUDENTS ATTENDED 5th Semester**

**DATE: 22 and 23 Sep 2018 ,**

**VENUE: CS SEMINAR HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS001	ABHISHEK.M	Abhishek
2	1KS16CS002	ADITYA MISHRA	Aditya
3	1KS16CS003	ADITYA SHANKAR.M	Aditya
4	1KS16CS004	AKHILA.N	Akhila
5	1KS16CS005	AKSHATHA.S.KATTA	
6	1KS16CS006	AMAN SAGAR	Aman
7	1KS16CS007	AMITH.J.S	Amith J.S.
8	1KS16CS008	ANAND.T.R	Anand
9	1KS16CS009	ANANYASHREE.H.BHARTUR	
10	1KS16CS010	APPANNA GOWDA.D	Appu D.
11	1KS16CS011	ARAVIND.R	Aravind
12	1KS16CS012	AYUSH GUPTA	Ayush
13	1KS16CS013	BHAGWAT DAYAL	Bhagwat
14	1KS16CS014	BHARATH KUMAR.T.B	Bharath
15	1KS16CS015	BHARATH.P	P.Bharath
16	1KS16CS016	BHAVANA.R	Bhavana
17	1KS16CS017	CHARLES THOMAS	Charles
18	1KS16CS018	DAKARAJU VISWA TEJA	Vishwa Teja
19	1KS16CS019	DARSHAN.G.K	Darshan
20	1KS16CS020	DHANVI.P.DESAI	Dhanvi
21	1KS16CS021	GREESHMA.S	Greeshma
22	1KS16CS022	HARINI.B.H	Harini
23	1KS16CS023	HARSHITHA.B.S	Harshitha
24	1KS16CS024	POOJA SREEDHARA MURTHY	Pooja
25	1KS16CS025	PRADEEP.K.S	P.S. Pradeep
26	1KS16CS026	PRAJWAL.D	Prajwal
27	1KS16CS027	PRANJUL MISHRA	Pranjul
28	1KS16CS028	PRASHANT KUMAR TIWARI	Prashant
29	1KS16CS029	PRATIK.N.N	
30	1KS16CS030	PREKSHA.J.W	Preksha
31	1KS16CS031	PRIYANKA PANDIT	

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
32	1KS16CS071	PRUTHVI PATEL.A.S	Pruthvi
33	1KS16CS072	RAGHURAM.G.N	Raghuram
34	1KS16CS073	RAHUL.V	Rahul
35	1KS16CS074	RAKSHIT PAWAR	
36	1KS16CS076	RITWIK.G.S	Ritik
37	1KS16CS077	ROHIT KUMAR.B.R	Rohit
38	1KS16CS078	RUTHVIK.B.R	
39	1KS16CS079	SAHANA.S	Sahana.S.
40	1KS16CS081	SAMEEKSHA.M.GUPTA	
41	1KS16CS082	SAMPATH KUMAR	Sampath
42	1KS16CS083	SANDHYA.D	
43	1KS16CS084	SANDRA VAANIJA	Sandra
44	1KS16CS086	SAVINAYA SHETTY.T.N	Savanya T.N
45	1KS16CS087	SHALINI.N	Shalini
46	1KS16CS088	SHALINI.V	Shalini V
47	1KS16CS089	SHANTANU KUMAR	Shantanu
48	1KS16CS091	SHEELA	Sheela
49	1KS16CS092	SHRAVAN BHAT	Shravan Bhat
50	1KS16CS093	SHREELEKHA.R.N	Shreeleka
51	1KS16CS094	SHREYAS.H.C	Shreyas
52	1KS16CS095	SHRIVIDYA.N	Shrividya.N
53	1KS16CS096	SIDDHANTH.M	Siddhant
54	1KS16CS098	SONALI SINHA	
55	1KS16CS099	SOUJANYA.K	Soujanya
56	1KS16CS100	SOUMYA DATTATREYA HEGDE	Soumya Hegde
57	1KS16CS101	SOURAB KUMAR	Sourab Kumar
58	1KS16CS102	SUHAS.K.J	Suhas
59	1KS16CS103	SUHAS KAKADE.K	Suhas
60	1KS16CS104	SUHIL.K.M	Suhil
61	1KS16CS105	SUPRIYA.C	
62	1KS16CS106	SURYA.M	Surya.M
63	1KS16CS107	SWATHI.M.C	Swathi.M.C
64	1KS16CS108	TANUSHREE.P	Tanushree.P
65	1KS16CS109	TEJASWINI.G	Tejaswini
66	1KS16CS112	VARSHA PURUSHOTHAM	Varsha
67	1KS16CS113	VARSHITHA.K	Varshitha
68	1KS16CS114	VEDANTHI KARTHIK.N	Vedanthi
69	1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV	Velluvayala
70	1KS16CS116	VENNALA.K.N	Vennala
71	1KS16CS117	VIDHYA DHARI.L	Vidhya
72	1KS16CS118	VIDYASHREE.S	Vidya Shree.S
73	1KS16CS119	VYDEHI BHAT	Vydehi
74	1KS16CS123	RASHMI HEGADE	Rashmi



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on DBMS

Date: 22/10/2018 and 23/10/2018

Student Name: *Bharath P.*

USN: *1KS16CS015*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised <input checked="" type="checkbox"/>	well organised <input type="checkbox"/>	Less organised <input type="checkbox"/>	No <input type="checkbox"/>
2	Do you think the event was useful	Very good <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
3	Did the event help in better understanding the concepts	Very good <input checked="" type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
4	Do you think the target group actively participated	Very good <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
5	Comment on the duration of the event	Right duration <input checked="" type="checkbox"/>	Shorter Duration <input type="checkbox"/>	Longer duration <input type="checkbox"/>	<input type="checkbox"/>



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on DBMS

Date: 22/10/2018 and 23/10/2018

Student Name: *Priyanka Parthit*

USN: *1KS16CS070*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised <input checked="" type="checkbox"/>	well organised <input type="checkbox"/>	Less organised <input type="checkbox"/>	No <input type="checkbox"/>
2	Do you think the event made a useful social contribution	Very good <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
3	Did the event help in better understanding the social responsibilities	Very good <input checked="" type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
4	Do you think the target group actively participated	Very good <input checked="" type="checkbox"/>	Good <input type="checkbox"/>	Average <input type="checkbox"/>	Not Good <input type="checkbox"/>
5	Comment on the duration of the event	Right duration <input checked="" type="checkbox"/>	Shorter Duration <input type="checkbox"/>	Longer duration <input type="checkbox"/>	<input type="checkbox"/>



**KSIT**  
K. S. INSTITUTE OF TECHNOLOGY



**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**  
**K S INSTITUTE OF TECHNOLOGY**

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560062

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT ON GUEST LECTURE**  
**“AWARENESS ON DIGITAL MARKETING”**

The Department of Computer Science and Engineering Organized a Guest Lecture on “Awareness on Digital Marketing” on 15<sup>th</sup> Oct, 2018 under the banner of ISTE at Conference hall, New Block. The 3<sup>rd</sup> Semester Students were the targeted participated.

**Speakers**

Ms. Anjali Mehta,  
Academic Director,  
PAAGC Digital Web Academy,  
Bangalore

Program was started by introducing the speaker and welcoming the speaker with a bouquet and memento in the presence of HOD Dr. Rekha B Venkatapur.



**1. Welcoming the Speaker**



**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY



Speaker started the Guest Lecture by briefing about Digital marketing as the marketing of products or services using digital technologies, mainly on the Internet, but also including mobile phones, display advertising, and any other digital medium.

An overview of Digital marketing methods such as Search Engine Optimization (SEO), Search Engine Marketing (SEM), Social Media Marketing (SMM), Social Media Optimization(SMO). In fact, digital marketing now extends to non-Internet channels that provide digital media, such as mobile phones (SMS and MMS).

The speaker guided the students on how Digital-Marketing can help them in placements and become a Entrepreneur. The seminar was really informative for the students to acquire knowledge on Digital Marketing. We appreciate and thank you for your effort in helping students to acquire skills required for building their successful career.

### Coordinator

1. Mrs. Vaneeta.M *Maus*
2. Mr. Prashanth H S

*[Signature]*  
25-10-18  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

*[Signature]*  
HOD  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109





**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Guest Lecture on "Awareness on digital marketing"**

**LIST OF STUDENTS ATTENDED 3rd 'B' SECTION**

**DATE: 15th OCT 2018 ,**

**VENUE: CONFERENCE HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS052	PARTH.P.SHAH	Parth P
2	1KS17CS053	PAVANI.M	Pavani
3	1KS17CS054	PAVITHRA.K.R	Pavithra
4	1KS17CS055	POOJA.R	Pooja
5	1KS17CS056	PRASHANTH.K	Prashanth K.
6	1KS17CS057	PRAVEEN	Praveen
7	1KS17CS058	PRAVEEN.A	Praveen A
8	1KS17CS059	PRAVEEN.S	Praveen S
9	1KS17CS060	RAJASHREE SHIVAKUMAR	Rajashree
10	1KS17CS061	RAKSHITH.R	Rakshith R
11	1KS17CS062	ROHITH.K	
12	1KS17CS063	ROHITH.R	Rohith R.
13	1KS17CS064	ROOPASHREE.N	
14	1KS17CS065	ROSHINI.R	Roshini
15	1KS17CS066	RUCHITHA.G.K	Ruchitha
16	1KS17CS067	S.MONIKA	S. Monika
17	1KS17CS069	SAI KUMAR.L.S	Sai Kumar
18	1KS17CS070	SAI SNEHA.S.V	Sai Sneha
19	1KS17CS071	SAKSHI KUMARI	Sakshi
20	1KS17CS072	SANDESH NAIKAL	
21	1KS17CS073	SAURAV SUMAN	Saurav Suman
22	1KS17CS074	SHARANYA.H	Sharanya
23	1KS17CS075	SHASHANK SHET.K	Shashank
24	1KS17CS076	SHREYAS.R	Shreyas
25	1KS17CS077	SHRI HARSHA KULKARNI	Shri Harsha
26	1KS17CS078	SINDHU.H.S	Sindhu H.S
27	1KS17CS079	SINDHU.M	Sindhu
28	1KS17CS080	SOUVIK MANDAL	Souvik
29	1KS17CS081	SPOORTHI.R	Spoorthi
30	1KS17CS082	SPOORTHI.V	
31	1KS17CS083	SRIKALA.K.M	Srikala

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
33	1KS17CS035	KEERTHI.N	Keerthi
34	1KS17CS036	KRITHIKA JAGANNATH	KR
35	1KS17CS037	LAVANYA.V	Lavanya
36	1KS17CS038	LOKESH.B.M	Lokesh B.M
37	1KS17CS039	MADHUSUDHAN.G	Madhusudhan G
38	1KS17CS040	MANJUNATH.A	Manjunath A
39	1KS17CS041	MEGHANA.C.V	Meghana C.V
40	1KS17CS042	MEGHANA.G	Meghan G.
41	1KS17CS043	MEGHANA.G.R	Meghan G.R
42	1KS17CS044	MOUNIKA.M.K.L	
43	1KS17CS045	NEHA.K	Neha K
44	1KS17CS046	NIKHIL SUBRAMANYA.K	
45	1KS17CS047	NIKITHA KATARI	Nikitha
46	1KS17CS048	NISCHITHA.C	Nishi
47	1KS17CS049	NITISH KUMAR GUPTA	Nitish
48	1KS17CS050	NYDILE.G.R	
49	1KS17CS051	P.KISHORE	Kishore
50	1KS17CS102	SHRIRAKSHA.S.KANAGO	Shri R.K.S
51	1KS18CS400	JANARDHAN RAJ.B	Janardhan
52	1KS18CS401	KRUTHIKA.B.M	Kruthika B.M
53	1KS16CS042	MEGHANA.H.S	Meghana

BQC VIRCHULECLUBE



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Guest Lecture on Awareness on Digital Marketing  
Student Name: *Praveen*

Date: 15/10/2018  
USN: *1KS17CS057*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised ✓	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good	Good ✓	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Guest Lecture on Awareness on Digital Marketing  
Student Name: *Seikala K.M.*

Date: 15/10/2018  
USN: *1KS17CS083*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised ✓	Less organised	No
2	Do you think the event made a useful social contribution	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**  
**K S INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli,Kanakapura Main Road,Bengaluru-560062

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT ON SEMINAR**  
**“HIGHER EDUCATION OPTIONS AFTER GRADUATION”**

The Department of Computer Science and Engineering Organized a Seminar on “**Higher Education Options after Graduation**” on 11<sup>th</sup> Oct, 2018 under the banner of IEI at Conference hall, New Block. The 7<sup>th</sup> Semester Students were the targeted participated.

**Speakers**

Mr. Krishna Pratap Reddy  
Senior Faculty Quality,  
TIME,  
Bangalore

Program was started by introducing the speaker and welcoming the speaker with a bouquet and memento in the presence of HOD Dr. Rekha B Venkatapur.



**1. Welcoming the Speaker**



**KSIT**  
KANNADA STATE INSTITUTE OF TECHNOLOGY



Speaker started the seminar by briefing about wide range of programmes offered not only for national and state-level entrance exams like the CAT, MAT, JEE MAIN, and JEE ADVANCED but also for international exams like GMAT, GRE, IELTS and TOEFL. CAT is the superset of all the other exams. Speaker taught the students some of the shortcut methods to solve aptitude problems and save their time during examination.



## 2. Targeted Students

Mr. Rudrajit Nandi, Manager, TIME, highlighted on the various universities available in india and abroad for higher education, what scholarships are provided and which exams are to be cracked for particular universities.





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K.S. INSTITUTE OF TECHNOLOGY



The seminar was really informative for the students to acquire knowledge on competitive exams and universities providing higher education. We appreciate and thank you for your effort in helping students to acquire skills required for building their successful career.

**Coordinator**

1. Mrs. Vaneeta.M *Mary*
2. Mr. Prashanth H S

*[Handwritten Signature]*

**HOD**

Head of Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

*[Handwritten Signature]*  
25.10.18

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Seminar on "Higher Education options after graduation"**

**LIST OF STUDENTS ATTENDED 7th 'B' Section**

**DATE: 11th OCT 2018 ,**

**VENUE: CONFERENCE HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS061	POOJA SREEDHARA MURTHY	Pooja
2	1KS16CS062	PRADEEP.K.S	Pradeep
3	1KS16CS063	PRAJWAL.D	Prajwal
4	1KS16CS064	PRANJUL MISHRA	
5	1KS16CS065	PRASHANT KUMAR TIWARI	Prashant
6	1KS16CS066	PRATIK.N.N	
7	1KS16CS067	PREKSHA.J.W	Preksha
8	1KS16CS070	PRIYANKA PANDIT	Priyanka
9	1KS16CS071	PRUTHVI PATEL.A.S	
10	1KS16CS072	RAGHURAM.G.N	Raghu ram G.N
11	1KS16CS073	RAHUL.V	Rahul
12	1KS16CS074	RAKSHIT PAWAR	Rakshit
13	1KS16CS076	RITWIK.G.S	Ritwik
14	1KS16CS077	ROHIT KUMAR.B.R	
15	1KS16CS078	RUTHVIK.B.R	Ruthvik
16	1KS16CS079	SAHANA.S	Sahana
17	1KS16CS081	SAMEEKSHA.M.GUPTA	Sameeksha M.
18	1KS16CS082	SAMPATH KUMAR	
19	1KS16CS083	SANDHYA.D	Sandhya
20	1KS16CS084	SANDRA VAANIJA	
21	1KS16CS086	SAVINAYA SHETTY.T.N	Savinaya T.N
22	1KS16CS087	SHALINI.N	Shalini
23	1KS16CS088	SHALINI.V	
24	1KS16CS089	SHANTANU KUMAR	Shantanu
25	1KS16CS091	SHEELA	Sheela
26	1KS16CS092	SHRAVAN BHAT	
27	1KS16CS093	SHREELEKHA.R.N	Shreelekh
28	1KS16CS094	SHREYAS.H.C	Shreyas
29	1KS16CS095	SHRIVIDYA.N	
30	1KS16CS096	SIDDHANTH.M	Siddhant M.
31	1KS16CS098	SONALI SINHA	Sonali

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
32	1KS16CS099	SOUJANYA.K	<i>Soujany</i>
33	1KS16CS100	SOUMYA DATTATREYA HEGDE	
34	1KS16CS101	SOURAB KUMAR	<i>Sourab</i>
35	1KS16CS102	SUHAS.K.J	<i>Suhas</i>
36	1KS16CS103	SUHAS KAKADE.K	
37	1KS16CS104	SUHIL.K.M	<i>Suhil</i>
38	1KS16CS105	SUPRIYA.C	<i>Supriya</i>
39	1KS16CS106	SURYA.M	<i>Surya</i>
40	1KS16CS107	SWATHI.M.C	
41	1KS16CS108	TANUSHREE.P	<i>Tanushree P</i>
42	1KS16CS109	TEJASWINI.G	<i>Tejaswini</i>
43	1KS16CS112	VARSHA PURUSHOTHAM	
44	1KS16CS113	VARSHITHA.K	<i>Varshitha</i>
45	1KS16CS114	VEDANTHI KARTHIK.N	<i>Vedantha</i>
46	1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV	
47	1KS16CS116	VENNALA.K.N	<i>Vennala.k.N</i>
48	1KS16CS117	VIDHYA DHARI.L	<i>Vidhya</i>
49	1KS16CS118	VIDYASHREE.S	
50	1KS16CS119	VYDEHI BHAT	<i>Vydehi</i>
51	1KS16CS123	RASHMI HEGADE	
52	1KS17CS405	NISHANTH.A	<i>Nishanth</i>
53	1KS15CS035	HARSHITHA SAKCHI	<i>Harshitha</i>
54	1KS15CS069	PRASHANTH.S	<i>Prashanth</i>
55	1KS15CS073	PRIYANKA.M	
56	1KS15CS091	SHANTHANU SHIVASWAMY	<i>Shanthanu</i>
57	1KS15CS121	YASHAS.H.R	
58	1KS15CS127	VINUTHA.S	<i>Vinutha.S</i>
59	1KS14CS076	PAVAN KUMAR.D	<i>Pavan</i>
60	1KS16CS404	JYOTHIPRIYA.M	<i>Jyothi</i>





**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Seminar on Higher Education Options After Graduation  
Student Name: *Ritwik G S*

Date: 10-11-2018  
USN: *1KS16CS076*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised	Less organised	No
2	Do you think the event was useful	Very good	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good	Good	Average	Not Good
4	Do you think the target group actively participated	Very good	Good	Average	Not Good
5	Comment on the duration of the event	Right duration	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Seminar on Higher Education Options After Graduation  
Student Name: *Praksha J. W.*

Date: 10-11-2018  
USN: *1KS16CS067*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good	Good	Average	Not Good
4	Do you think the target group actively participated	Very good	Good	Average	Not Good
5	Comment on the duration of the event	Right duration	Shorter Duration	Longer duration	



10

**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**  
**KS INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli, Kanakapura Main Road,Bengaluru-560109

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT OF WORKSHOP**

**ON**

**INTRODUCTION TO VIRTUALIZATION**

A Workshop was organized by Department of CSE at KSIT under CSI student chapter, about "Introduction to Virtualization" on 10-10-2018, for 3<sup>rd</sup> Semester CSE students from 9.00pm to 4.00 pm, in association with CSI Bangalore Chapter

With the support of

1. Mr.Sachin Kumar  
VMware IT Academy, Bangalore

2. Dr. Prakash  
Past Chairman  
CSI Bangalore chapter

Faulty Coordinators:

1. Deepa .S.R
2. Pradeep .K.R
3. Priyanga .P



**KSIT**  
K. J. SOMAIYA INSTITUTE OF INFORMATION TECHNOLOGY



Fig. 2 Students taking up the VMware online course

The students completed the online course and got the badges from VMware IT Academy

deepa (Deepa. S. R)  
P. P. (Priyanga. P)  
P. P. (Predeep. K. R)  
Coordinators

D. N. W. Patil  
HOD

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**LIST OF STUDENTS STUDYING IN III A SEC**  
**FOR THE ACADEMIC YEAR 2018-19**

10/10/2018

INTRODUCTION TO VIRTUALIZATION (ONLINE COURSE BY VMWARE)

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS001	AAFREEN HUSSAIN	Aafreen
2	1KS17CS002	ABHISHEK GOWDA.M.V	Abhishek
3	1KS17CS003	AKSHATHA RAMESH	Akshatha
4	1KS17CS004	AKSHITHA.B.S	Akshitha
5	1KS17CS005	AMOGH.R	Amogh
6	1KS17CS006	AMOGHA MANJUNATHA.K	Amogha
7	1KS17CS007	AMRUTHA.V.DESHPANDE	Amrutha
8	1KS17CS008	ANOOP.P.S	Anoop
9	1KS17CS009	ANUHYA.B.KULKARNI	Anuhya
10	1KS17CS010	ANUSHA.A.G	Anusha
11	1KS17CS011	ANUSHREE.J	Anushree
12	1KS17CS012	ARITRA RAY	Aritra
13	1KS17CS013	ASHISH.K.AMAR	Ashish
14	1KS17CS014	LAKSHMI PRASANNA.B	Lakshmi
15	1KS17CS016	BHAVESH BHANSALI	Bhavesh
16	1KS17CS017	CHAITRA	Chaitra
17	1KS17CS018	CHANDANA.B.R	Chandana
18	1KS17CS019	CHENNA KESHAVA.N.T	Chenna
19	1KS17CS020	DARSHAN.S	Darshan
20	1KS17CS021	DEEKSHITHA.R	Deekshitha
21	1KS17CS022	DEEPIKA.S.H	Deepika
22	1KS17CS023	DIVYA YASHASWI KANNEY	Divya
23	1KS17CS024	GANESH.G.B	Ganesh
24	1KS17CS025	GANESH MAUDGHALYA.H.G	Ganesh
25	1KS17CS026	GAUTHAM.C.R	Gautham
26	1KS17CS027	H.PRIYANKA	Priyanka
27	1KS17CS028	HANUMESH.V.T	Hanumesh
28	1KS17CS029	HARSHITHA.V	Harshitha
29	1KS17CS030	INDRASENA KALYANAM	Indrasena
30	1KS17CS032	KARAN RAGHUNATH	Karan
31	1KS17CS033	KARTHIK.T.C	Karthik
32	1KS17CS034	KAVITHA.S	Kavitha

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**LIST OF STUDENTS STUDYING IN III B SEC**  
**INTRODUCTION TO VIRTUALIZATION(ONLINE COURSE BY**  
**VMWARE**

DATE : 10-10-2018

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS052	PARTH.P.SHAH	<i>Parth</i>
2	1KS17CS053	PAVANI.M	<i>Pavani</i>
3	1KS17CS054	PAVITHRA.K.R	<i>Pavithra</i>
4	1KS17CS055	POOJA.R	<i>Pooja R</i>
5	1KS17CS056	PRASHANTH.K	<i>Prashanth</i>
6	1KS17CS057	PRAVEEN	<i>Praveen S</i>
7	1KS17CS058	PRAVEEN.A	<i>Praveen A</i>
8	1KS17CS059	PRAVEEN.S	<i>Praveen S</i>
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14	1KS17CS065	ROSHINI.R	<i>Roshini R</i>
15	1KS17CS066	RUCHITHA.G.K	<i>Ruchitha</i>
16	1KS17CS067	S.MONIKA	<i>Monika</i>
17	1KS17CS069	SAI KUMAR.L.S	<i>Sai Kumar</i>
18	1KS17CS070	SAI SNEHA.S.V	<i>Sai Sneha</i>
19	1KS17CS071	SAKSHI KUMARI	<i>Sakshi</i>
20	1KS17CS072	SANDESH NAIKAL	<i>Sandesh</i>
21	1KS17CS073	SAURAV SUMAN	<i>Saurav</i>
22	1KS17CS074	SHARANYA.H	<i>Sharanya</i>
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27	1KS17CS079	SINDHU.M	<i>Sindhu M</i>
28	1KS17CS080	SOUVIK MANDAL	<i>Souvik</i>
29	1KS17CS081	SPOORTHY.R	
30	1KS17CS082	SPOORTHY.V	
31	1KS17CS083	SRIKALA.K.M	<i>S.Kala</i>

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**LIST OF STUDENTS STUDYING IN III A SEC**  
**INTRODUCTION TO VIRTUALIZATION(ONLINE COURSE BY**  
**VMWARE)**

DATE : 10-10-2018

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS001	AAFREEN HUSSAIN	
2	1KS17CS002	ABHISHEK GOWDA.M.V	
3	1KS17CS003	AKSHATHA RAMESH	
4	1KS17CS004	AKSHITHA.B.S	
5	1KS17CS005	AMOGH.R	
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7	1KS17CS007	AMRUTHA.V.DESHPANDE	
8	1KS17CS008	ANOOP.P.S	
9	1KS17CS009	ANUHYA.B.KULKARNI	
10	1KS17CS010	ANUSHA.A.G	
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12	1KS17CS012	ARITRA RAY	
13	1KS17CS013	ASHISH.K.AMAR	
14	1KS17CS014	LAKSHMI PRASANNA.B	
15	1KS17CS016	BHAVESH BHANSALI	
16	1KS17CS017	CHAITRA	
17	1KS17CS018	CHANDANA.B.R	
18	1KS17CS019	CHENNA KESHA.V.N.T	
19	1KS17CS020	DARSHAN.S	
20	1KS17CS021	DEEKSHITHA.R	
21	1KS17CS022	DEEPIKA.S.H	
22	1KS17CS023	DIVYA YASHASWI KANNEY	
23	1KS17CS024	GANESH.G.B	
24	1KS17CS025	GANESH MAUDGHALYA.H.G	
25	1KS17CS026	GAUTHAM.C.R	
26	1KS17CS027	H.PRIYANKA	
27	1KS17CS028	HANUMESH.V.T	
28	1KS17CS029	HARSHITHA.V	
29	1KS17CS030	INDRASENA KALYANAM	
30	1KS17CS032	KARAN RAGHUNATH	
31	1KS17CS033	KARTHIK.T.C	

**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**LIST OF STUDENTS STUDYING IN III B SEC**  
**FOR THE ACADEMIC YEAR 2018-19**

10/10/2018

INTRODUCTION TO VIRTUALIZATION (ONLINE COURSE  
 BY VMWALR)

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS17CS052	PARTH.P.SHAH	Parth
2	1KS17CS053	PAVANI.M	Pavani
3	1KS17CS054	PAVITHRA.K.R	Pavithra K.R
4	1KS17CS055	POOJA.R	Pooja R
5	1KS17CS056	PRASHANTH.K	Prashanth K
6	1KS17CS057	PRAVEEN	Praveen
7	1KS17CS058	PRAVEEN.A	Praveen A
8	1KS17CS059	PRAVEEN.S	Praveen S
9	1KS17CS060	RAJASHREE SHIVAKUMAR	Rajashree
10	1KS17CS061	RAKSHITH.R	Rakshith R
11	1KS17CS062	ROHITH.K	Rohith K
12	1KS17CS063	ROHITH.R	Rohith R
13	1KS17CS064	ROOPASHREE.N	
14	1KS17CS065	ROSHINI.R	Roshini R
15	1KS17CS066	RUCHITHA.G.K	Ruchitha G.K
16	1KS17CS067	S.MONIKA	Monika
17	1KS17CS069	SAI KUMAR.L.S	
18	1KS17CS070	SAI SNEHA.S.V	Sai Sneha S.V
19	1KS17CS071	SAKSHI KUMARI	Sakshi
20	1KS17CS072	SANDESH NAIKAL	Sandesh
21	1KS17CS073	SAURAV SUMAN	Saurav
22	1KS17CS074	SHARANYA.H	Sharanya H
23	1KS17CS075	SHASHANK SHET.K	Shashank Shet K
24	1KS17CS076	SHREYAS.R	Shreyas R
25	1KS17CS077	SHRI HARSHA KULKARNI	Shri Harsha Kulkarni
26	1KS17CS078	SINDHU.H.S	Sindhu H.S
27	1KS17CS079	SINDHU.M	Sindhu M
28	1KS17CS080	SOUVIK MANDAL	Souvik
29	1KS17CS081	SPOORTHI.R	
30	1KS17CS082	SPOORTHI.V	
31	1KS17CS083	SRIKALA.K.M	S.Kala
32	1KS17CS084	SRUSHTI.A	Srushti A



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: **Technical talk on Introduction to Virtualization**  
Student Name: **Parth P. Shah.**

Date: 10-10-2018

USN: **1KS17CS052**

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good	Good ✓	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: **Technical talk on Introduction to Virtualization**  
Student Name: **S. Monika**

Date: 10-10-2018

USN: **1KS17CS067**

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration	Shorter Duration ✓	Longer duration	





(11)

**K.S INSTITUTE OF TECHNOLOGY, BENGALURU-109**  
**DEPARTMENT OF COMPUTER SCIENCE OF ENGINEERING**

**Report on Sentinel Hack a state level Hackathon**  
**held on 09/11/2018 and 10/11/2018**

A “24 Hour State Level Hackathon – Sentinel Hack” event was held recently at **K S Institute of Technology**. The program was hosted by Department of Computer Science and Engineering.

It was a proud moment for KSIT as the unique event of this kind was well attended by about **54 teams** with **189 students** from **22** different technical institutions across the **state of Karnataka** were participated.

The aim of this “24 Hour State Level Hackathon – Sentinel Hack” event is to provide a forum for the students to exhibit their coding abilities in seven different domains and comeup with their innovative ideas to solve real world problems.

**Day 1: 09/11/2018**

**❖ Inauguration**

**Sri Y Ramachandra Naidu** the president of the Kammavari Sanghampresided over the function. Chief Guest, **Dr. K.N.B. Murthy**, Vice Chancellor, PES University, inaugurated the event. **Sri. Venkatesh Naidu**, Hon. Secretary, during his speech stressed that, faculty members to give the required knowledge, Skill-set and confidence to the students to achieve their goal and reach greater heights. **Sri. D. Rukmangada**, Treasurer lauded the efforts of organizers in conducting the events of this nature in KSIT. **Mr. Anil Kumar T.V.**, Chief Executive officer, Ameya Group of companies, **Dr. Devaraju J.T.** , Chairman, Dept. of Electronic Science, Bangalore University, **Mr. Harish Mysuru**, Senior Director –IEEE, India Operations were the guests for the event, **Dr. K.V.A. Balaji**, CEO K.S.Group of Institution’s, **Dr. T. V. Govindaraju**, Principal/Director, KSIT and **Dr. Rekha B Venkatapur**, Prof. and Head,

Department of CSE, **Prof. K Venkata Rao**, Convener were present during the event.



### ❖ **Hackathon Coding Starts at 12.00 PM**

Hackathon teams from colleges of Karnataka started coding by selecting their own problem statement in defined domains such as Agriculture, Entertainment, Education, Healthcare, Transportation, Social, and Innovative Ideas to find solutions both in hardware and software fields.

### ❖ **First round of Mentoring Session: 3.00 PM**

A lot of makeover happens between the start of coding in Hackathon and the final prototype development. Teams have innovative ideas; they start designing it in to a model, start implementing the same and revise their ideas. Mentor Session is the key in achieving the best results from a Hackathon. The teams will interact with mentors; get suitable suggestions to improve their code. The impact of such valuable information helps the teams in fine tuning the ideas, plays vital role during evaluation of teams by Judges.

First Mentor Session was carried out in parallel by **Dr. Rekha.B.Venkatapur, Prof. & HOD, Dept. of CSE, KSIT, Dr. Ram P. Rustagi, Prof., Dept. of CSE, KSIT and Dr. Joy Prabhakaran, Prof., Dept. of ECE, KSIT** who provided a valuable suggestions for teams.



### ❖ **Round one Evaluation by the Judges**

1. Mr. Anil Kumar T.V., Chief Executive Officer, Ameya Group of Companies.
2. Mr Pradeep Yadav, CTO, CIOC.
3. Mr. Vijay Kulkarni, Senior Engineer, Thermofisher Scientific.

Judges keenly reviewed the demo and presentations given by the students and provided the inputs to focus more on the objectives and problem statements.

### **Day 2:10/11/2018**

#### ❖ **Yoga Session**

Yoga Session was conducted by the **Isha Foundation, Bengaluru** at 5.30 am which helped the participants to relive stress and regain energy to continue coding from yogic science.

#### ❖ **Second round of Mentoring Session at 3 am**

The industry experts from Tequed Labs also joined with mentors and gave suggestions to the teams which helped the team members to understand the technical aspects as per the industry needs.

Second Mentor Session was further refined by **T. V Govindaraju, Principal/Director, K.S.I.T** who was involved in discussion with team members and got to know about their approach towards the problem statements.



### ❖ **Round two Evaluation by the Judges at 10.30 am**

1. Mr. Anil Kumar T.V., Chief Executive Officer, Ameya Group of Companies.
2. Mr Niloy Ray, Deputy General Manager, Mercedes-Benz, Research and development.
3. Mr.Ranjan Balappa, Full Stack Developer, Garmener.

Judges extremely praised some of the teams for their innovative ideas and encouraged them for further development of prototype to product with an edge to research paradigm.

### ❖ **Results**

Based on the evaluation of round 1 and round 2 scores, eight teams are shortlisted by Judges. After discussion they announced highest scoring team as Winners and also selected 2<sup>nd</sup> and 3<sup>rd</sup> runner up teams.

The team **TENOCRATS** from BNMIT secured first place which won a cash prize of Rs. **25,000/-** and team **CIFRADO** from SJBIT stood second with a cash prize of **Rs. 10,000/-** and team **FUNGUS BOYS** from JIT got third place with a cash prize of **Rs.5000/-**.

Along with this 5 consolation prizes were also announced for shortlisted teams.



❖ *The main Sponsors for the sentinel Hackathon event*



At the end the Sentinel Hack hackathon was a grand success with the support and cooperation of organizing committee, the teaching and nonteaching staffs of CSE dept.



Report prepared by  
**PRADEEP K R**

**HOD, Dept. of CSE**



12

Kammavari Sangham (R) - 1952  
K.S. Group of Institutions  
**KS INSTITUTE OF TECHNOLOGY**

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
REPORT ON WORKSHOP  
“DATA SCIENCE AND ANALYTICS”

The Department of Computer Science and Engineering Organized a Workshop on “Data Science and Analytics” on 23<sup>rd</sup> Sept, 2018 in association with CSI Chapter at CSE Seminar hall, New Block for 5<sup>th</sup> Semester Students. There were totally 46 participants for the Workshop.

Resource Person

Mr. Fazeel  
Software Developer, Digits Technology  
Tutor, IIHT  
Bangalore

The workshop began with the introduction to the Resource Persons: Mr. Fazeel and System Administrator – Mr. Alex. The sessions started at 9 am with introduction to fundamentals of Python and there was a brief break at 11 am with High Tea and session resumed at 11:15 am with sessions on Data Analytics and Statistics. There were hands on sessions with students worked on programming with their laptops. The session concluded at 2 pm.

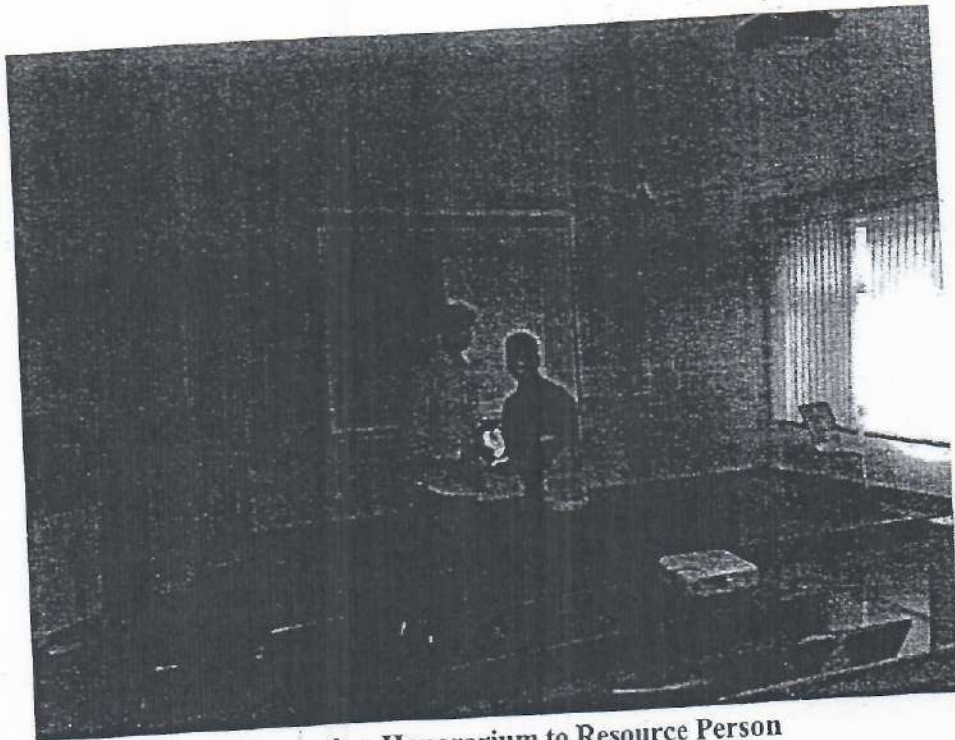
The sessions were divided into following parts:

- Introduction to Python
- Downloading and installing Spyder software used as IDE for Python
- Sessions on Data Science and Analytics
- Explanations on Data Statistics
- Brief explanation on Machine Learning





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### 3. Presenting Honorarium to Resource Person

We would like to thank our Management and Principal – Dr. T.V. Govindaraju for helping us conduct the workshop. Special thanks to our HOD, Dr. Rekha B Venkatapur, without her constant support it would not have been possible. Last but not the least Mrs. Roopa from IIHT who initiated to conduct the event for 5<sup>th</sup> Semester CSE students.

#### Coordinators

1. Mr. Aditya Pai H
2. Mr. Krishna Gudi

*Aditya H*  
*KG*

*[Signature]*  
24-5-18

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

*[Signature]*  
HOD 24/5/18

Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

Rs. 100 will be collected from participants towards registration fee for the workshop. The remaining amount after the expenses will be deposited to KSIT CSI Student Branch account.

May I request you to give the permission to organize this event. I further request you to sanction the budget

Thanking You,

Yours Faithfully,

Name and Sign of Coordinator: 1. Aditya Pai H 2. Krishna Gudi  
Aditya R 29/8/18 Krishna Gudi 29/8/18

Departmental Event Coordinator: deepa 29/8/18

HoD: Durawappa 29/8/18  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

Principal/ Director: \_\_\_\_\_

RECEIPTS	
Registration (Amount 100)	
Participation from this and	
professional bodies	
for other	
Contribution from the	
Management	
Total	10000



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**Workshop on "Data Science and Analytics"**

**LIST OF STUDENTS ATTENDED 5th Semester**

**DATE: 23rd Sep 2018 ,**

**VENUE: CONFERENCE HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS001	ABHISHEK.M	Abhishek
2	1KS16CS002	ADITYA MISHRA	Aditya
3	1KS16CS003	ADITYA SHANKAR.M	Aditya
4	1KS16CS004	AKHILA.N	Akhila
5	1KS16CS005	AKSHATHA.S.KATTA	Akshatha
6	1KS16CS006	AMAN SAGAR	Aman
7	1KS16CS007	AMITH.J.S	Amith
8	1KS16CS008	ANAND.T.R	Anand
9	1KS16CS009	ANANYASHREE.H.BHARTUR	Ananya
10	1KS16CS010	APPANNA GOWDA.D	Appanna
11	1KS16CS011	ARAVIND.R	Aravind
12	1KS16CS012	AYUSH GUPTA	Ayush
13	1KS16CS013	BHAGWAT DAYAL	Bhagwat
14	1KS16CS014	BHARATH KUMAR.T.B	Bharath
15	1KS16CS015	BHARATH.P	Bharath P.
16	1KS16CS016	BHAVANA.R	Bhavana
17	1KS16CS017	CHARLES THOMAS	Charles
18	1KS16CS018	DAKARAJU VISWA TEJA	Dakara
19	1KS16CS019	DARSHAN.G.K	Darshan
20	1KS16CS020	DHANVI.P.DESAI	Dhanvi
21	1KS16CS021	GREESHMA.S	Greeshma
22	1KS16CS022	HARINI.B.H	Harini
23	1KS16CS023	HARSHITHA.B.S	Harshitha
24	1KS16CS061	POOJA SREEDHARA MURTHY	Pooja
25	1KS16CS062	PRADEEP.K.S	Pradeep
26	1KS16CS063	PRAJWAL.D	Prajwal
27	1KS16CS064	PRANJUL MISHRA	Pranjul
28	1KS16CS065	PRASHANT KUMAR TIWARI	Prashant
29	1KS16CS066	PRATIK.N.N	Pratik
30	1KS16CS067	PREKSHA.J.W	Preksha
31	1KS16CS070	PRIYANKA PANDIT	Priyanka

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
32	1KS16CS071	PRUTHVI PATEL.A.S	Pruthvi P
33	1KS16CS072	RAGHURAM.G.N	
34	1KS16CS073	RAHUL.V	Rahul
35	1KS16CS074	RAKSHIT PAWAR	Rakshit
36	1KS16CS076	RITWIK.G.S	Ritwik
37	1KS16CS077	ROHIT KUMAR.B.R	Rohit
38	1KS16CS078	RUTHVIK.B.R	Ruthvik
39	1KS16CS079	SAHANA.S	Sahana
40	1KS16CS081	SAMEEKSHA.M.GUPTA	Sameeksha
41	1KS16CS082	SAMPATH KUMAR	
42	1KS16CS083	SANDHYA.D	Sandhya
43	1KS16CS084	SANDRA VAANIJA	Sandra
44	1KS16CS086	SAVINAYA SHETTY.T.N	Savinaya
45	1KS16CS087	SHALINI.N	Shalini N
46	1KS16CS088	SHALINI.V	Shalini V



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on Data Science

Date: 23/9/2018

Student Name: *Bandhya D.*

USN: *1KS16CS083*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised ✓	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Workshop on Data Science

Date: 23/9/2018

Student Name: *Raghuvaran G. N.*

USN: *1KS16CS072*

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



Kammavari Sangham (R) - 1952  
K.S.Group of Institutions  
**K S INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli,Kanakapura Main Road,Bengaluru-560062

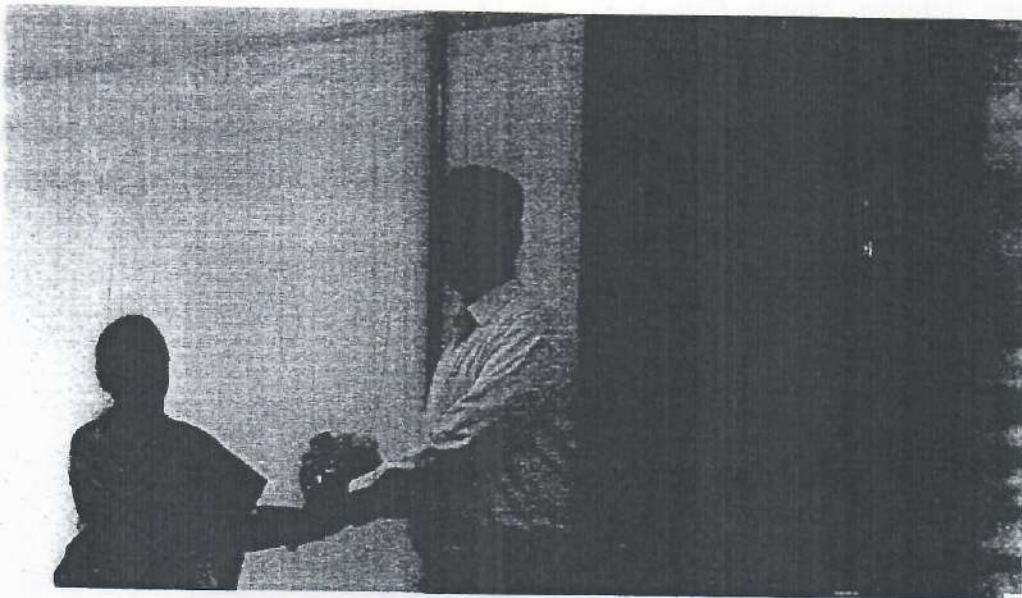
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT ON GUEST LECTURE**  
**“START UP ENGINEERING”**

The Department of Computer Science and Engineering Organized a Guest Lecture on “START UP ENGINEERING” on 7<sup>th</sup> Sept, 2018 in association with BITES at Conference hall, New Block. The 5<sup>th</sup> Semester Students were the targeted participated.

**Speakers**

Prof. Nagabhushan A M  
Professor at Computer Science,  
MSRIT,  
Bangalore

Program was started by introducing the speaker and welcoming the speaker with a bouquet and memento in the presence of HOD Dr. Rekha B Venkatapur.



1. Welcoming the speaker



**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY



Speaker defined Start-up as – a business that grows rapidly, Concept of check boxing, Getting something to work well enough for people to buy, Not a pure academic exercise, Also, doesn't assume infinite customers. Start-ups in the past were like – oil, steel, pharmaceuticals, automobiles. Start-ups in present are– Semiconductors, Electronics, Computers, Internet, Mobile, and Social Network. Speaker explained the Influencing Factors of startup such as Technological development, Breakup of USSR – Huge market, Liberalization of China/India and other countries.

Key Features Of Internet Start Up : Operational scalability, Market size, Generality, Low capital, Open source, Long tail, Feature tolerance, Amenable to titration. Speaker explained How To Build a startup: Mobile first approach, Responsive design – Desktop UI is free, Location independence – increases scope, Make it simple – Few UI screens, Make it ubiquitous i.e. works for any browser, JS based – current big thing.

The speaker mentioned top 10 technological trends influencing the internet startup: Real time machine translation, Plug computer, Raspberry pi, Augmented reality, 3D Printing, MOOC's, YCRFS, Crowd funding, Pharma cliff, generics, Bitcoin, Sequencing, Telepresence robots, drones, 360-degree treadmill.

Speaker talk was really informative for the students to acquire knowledge on current technologies and trends required for Start-up Engineering. We appreciate and thank you for your effort in helping students to acquire skills required for building their successful career.

**Coordinator**

- 1. Mrs. Vaneeta.M *mgw*
- 2. Mr. Prashanth H S *AS*

*W. Venkatesh*  
**HOD** 15/9/18

Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



**K.S. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**Guest Lecture on "Start up Engineering"**

**LIST OF STUDENTS ATTENDED 5th Semester**

**DATE: 7th Sep 2018 ,**

**VENUE: CONFERENCE HALL**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS001	ABHISHEK.M	
2	1KS16CS002	ADITYA MISHRA	
3	1KS16CS003	ADITYA SHANKAR.M	
4	1KS16CS004	AKHILA.N	
5	1KS16CS005	AKSHATHA.S.KATTA	
6	1KS16CS006	AMAN SAGAR	
7	1KS16CS007	AMITH.J.S	
8	1KS16CS008	ANAND.T.R	
9	1KS16CS009	ANANYASHREE.H.BHARTUR	
10	1KS16CS010	APPANNA GOWDA.D	
11	1KS16CS011	ARAVIND.R	
12	1KS16CS012	AYUSH GUPTA	
13	1KS16CS013	BHAGWAT DAYAL	
14	1KS16CS014	BHARATH KUMAR.T.B	
15	1KS16CS015	BHARATH.P	
16	1KS16CS016	BHAVANA.R	
17	1KS16CS017	CHARLES THOMAS	
18	1KS16CS018	DAKARAJU VISWA TEJA	
19	1KS16CS019	DARSHAN.G.K	
20	1KS16CS020	DHANVI.P.DESAI	
21	1KS16CS021	GREESHMA.S	
22	1KS16CS022	HARINI.B.H	
23	1KS16CS023	HARSHITHA.B.S	
24	1KS16CS061	POOJA SREEDHARA MURTHY	
25	1KS16CS062	PRADEEP.K.S	



SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
26	1KS16CS063	PRAJWAL.D	Prajwal D.
27	1KS16CS064	PRANJUL MISHRA	Pranjul
28	1KS16CS065	PRASHANT KUMAR TIWARI	Prashant
29	1KS16CS066	PRATIK.N.N	Pratik
30	1KS16CS067	PREKSHA.J.W	
31	1KS16CS070	PRIYANKA PANDIT	Priyanka P.
32	1KS16CS071	PRUTHVI PATEL.A.S	Pruthvi
33	1KS16CS072	RAGHURAM.G.N	Raghu Ram
34	1KS16CS073	RAHUL.V	Rahul
35	1KS16CS074	RAKSHIT PAWAR	
36	1KS16CS076	RITWIK.G.S	Ritik
37	1KS16CS077	ROHIT KUMAR.B.R	Rohit
38	1KS16CS078	RUTHVIK.B.R	Ruthvik B.R.
39	1KS16CS079	SAHANA.S	Sahana S
40	1KS16CS081	SAMEEKSHA.M.GUPTA	
41	1KS16CS082	SAMPATH KUMAR	Sampath
42	1KS16CS083	SANDHYA.D	Sandhya D.
43	1KS16CS084	SANDRA VAANIJA	
44	1KS16CS086	SAVINAYA SHETTY.T.N	Savinaya S.
45	1KS16CS087	SHALINI.N	Shalini
46	1KS16CS088	SHALINI.V	
47	1KS16CS089	SHANTANU KUMAR	Shantanu Kumar
48	1KS16CS091	SHEELA	
49	1KS16CS092	SHRAVAN BHAT	Shravan
50	1KS16CS093	SHREELEKHA.R.N	Shreelekha
51	1KS16CS094	SHREYAS.H.C	Shreyas
52	1KS16CS095	SHRIVIDYA.N	Shrividya
53	1KS16CS096	SIDDHANTH.M	Siddhant
54	1KS16CS098	SONALI SINHA	
55	1KS16CS099	SOUJANYA.K	

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
56	1KS16CS100	SOUMYA DATTATREYA HEGDE	<i>Soumya</i>
57	1KS16CS101	SOURAB KUMAR	<i>Sourab kumar</i>
58	1KS16CS102	SUHAS.K.J	<i>Suhas.kj</i>
59	1KS16CS103	SUHAS KAKADE.K	<i>Suhas</i>
60	1KS16CS104	SUHIL.K.M	<i>Suhil</i>
61	1KS16CS105	SUPRIYA.C	<i>Supriya</i>
62	1KS16CS106	SURYA.M	<i>Surya.M</i>
63	1KS16CS107	SWATHI.M.C	<i>Swathi</i>
64	1KS16CS108	TANUSHREE.P	<i>Tanushree</i>
65	1KS16CS109	TEJASWINI.G	<i>Tejaswini</i>
66	1KS16CS112	VARSHA PURUSHOTHAM	<i>Varsha</i>
67	1KS16CS113	VARSHITHA.K	<i>Varshitha</i>
68	1KS16CS114	VEDANTHI KARTHIK.N	<i>Vedanthi</i>
69	1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV	<i>Rakesh</i>
70	1KS16CS116	VENNALA.K.N	<i>Vennala</i>
71	1KS16CS117	VIDHYA DHARI.L	<i>Vidhya</i>
72	1KS16CS118	VIDYASHREE.S	<i>Vidya</i>
73	1KS16CS119	VYDEHI BHAT	<i>Vydehi</i>
74	1KS16CS123	RASHMI HEGADE	<i>Rashmi</i>



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical talk on Future works skill 2013 and start up engineering

Student Name: Vidhya Dhari L.

Date: 09-07-2018  
USN: 1KS16CS117

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical talk on Future works skill 2013 and start up engineering

Student Name: Sulas KJ.

Date: 09-07-2018  
USN: 1KS16CS102.

**FEEDBACK FORM**

**Tick the Appropriate Box(v)**

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



14

**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**  
**K S INSTITUTE OF TECHNOLOGY**

#14,Raghuvanahalli, Kanakapura Main Road,Bengaluru-560109

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**REPORT OF TECHNICAL TALK**

**ON**

**IBM ANALYTICS, GOOGLE DIGITAL MARKETING & DATA SCIENCE,**  
**ANALYTICS & MACHINE LEARNING**

A Technical Talk was organized by Department of CSE at KSIT under CSI student chapter, about "IBM Analytics, Data Analytics, Google Digital Marketing & Data Science, Analytics & Machine Learning" by Mr. Vivekananda and Mr. Roopesh, Vision group, Bangalore, on 29<sup>th</sup> August 2018, for 5<sup>th</sup> Semester CSE students from 3.00pm to 4.00 pm.



Fig. 1 Mr. Vivekananda delivering talk



**KSIT**  
K. J. Somaiya Institute of Technology

PayScale and remuneration – Demand for Data Scientists will increase by 20% in 2020. The PayScale for Data Scientists is higher than CA and Engineers.

MBA – Market Basket Analysis (conducted by retail outlets).

Highest paying skills – Tableau, R, Machine Learning, Python

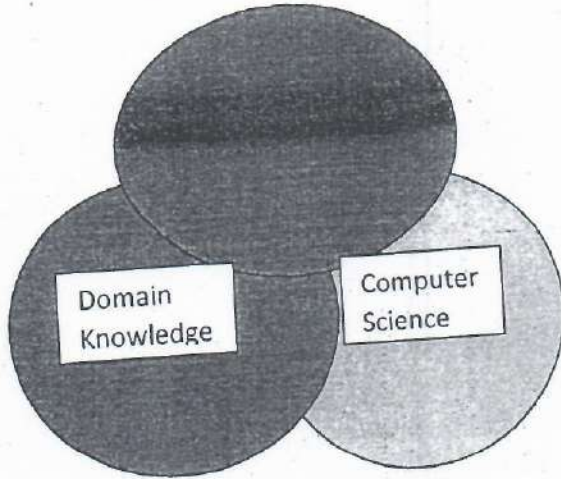


Fig:3 DATA SCIENCE

### STATISTICS

1. Main Pillar in Data analysis.
2. Provides different metrices.
3. All tools have statistics model in the background to do analysis of the data.

### STAGES TO UNDERSTAND DATA

1. Descriptive analysis
2. Predictive analysis
3. Prescriptive analysis

### COGNITIVE COMPUTING SYSTEM

Training computer to think/work like a human brain. It is a self-learning system that uses data mining, pattern recognition, Natural Language Processing to behave like a human brain.

Ex: IBM Watson



**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY

## DIGITAL MARKETING

In traditional marketing, the reach is limited, whereas in digital marketing, the reach is global.

The target group in traditional marketing is non-specific. On the other hand, in digital marketing, the target groups are accurate and specific.

Some of the digital marketing methods are:

- Branding
- SEO – Search Engine Optimization
- Email Marketing
- Content Marketing
- Web Design

## CAREER OPPORTUNITIES IN DIGITAL MARKETING

- Entrepreneur
- Professional
- Online Marketing
- Freelance

The technical talk session was useful as students got knowledge about IBM Analytics, Data Analytics, Google Digital Marketing & Data Science, Analytics & Machine Learning. Finally this session was very helpful to plan the career.

*deepa*  
Coordinator

*M. S. S. S.*  
01.9.18

*D. Venkatarapu*  
HOD 30/8/18  
Head of the Department  
Dept. of Computer Science & Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE  
DEPARTMENT OF COMPUTER SCIENCE & ENGG.**

**LIST OF STUDENTS STUDYING IN V A SEC**

**TECHNICAL TALK ON IBM ANALYTICS, GOOGLE DIGITAL MARKETING &  
DATA SCIENCE, ANALYTICS & MACHINE LEARNING ON 29-8-2018**

**FOR THE ACADEMIC YEAR 2018-19**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS001	ABHISHEK.M	
2	1KS16CS002	ADITYA MISHRA	
3	1KS16CS003	ADITYA SHANKAR.M	
4	1KS16CS004	AKHILA N	<i>Akhila N.</i>
5	1KS16CS005	AKSHATHA.S.KATTA	<i>Akshatha</i>
6	1KS16CS006	AMAN SAGAR	
7	1KS16CS007	AMITH.J.S	
8	1KS16CS008	ANAND.T.R	<i>Anand T.R</i>
9	1KS16CS009	ANANYASHREE.H.BHARTUR	<i>Ananya</i>
10	1KS16CS010	APPANNA GOWDA.D	<i>Appanna Gowda</i>
11	1KS16CS011	ARAVIND.R	
12	1KS16CS012	AYUSH GUPTA	
13	1KS16CS013	BHAGWAT DAYAL	
14	1KS16CS014	BHARATH KUMAR.T.B	
15	1KS16CS015	BHARATH.P	
16	1KS16CS016	BHAVANA.R (WAITING FOR RV)	
17	1KS16CS017	CHARLES THOMAS	
18	1KS16CS018	DAKARAJU VISWA TEJA	
19	1KS16CS019	DARSHAN.G.K	
20	1KS16CS020	DHANVI.P.DESAI	
21	1KS16CS021	GREESHMA.S	
22	1KS16CS022	HARINI.B.H	<i>Harini B.H</i>
23	1KS16CS023	HARSHITHA.B.S	
24	1KS16CS024	HARSHITHA.G.R	<i>Harshitha G.R</i>
25	1KS16CS025	HITHAISHINI.C	<i>Hithaishini C</i>
26	1KS16CS026	HRISHIKESH.C.V	
27	1KS16CS027	ISHANI KOUL	
28	1KS16CS029	KAMAKOTI.P.SUSEELA PRIYANKA	
29	1KS16CS030	KAVYA.D	<i>Kavya D.</i>
30	1KS16CS031	KEERTHANA VIJAYABASKAR	
31	1KS16CS032	KEERTHI.M	<i>Keerthi M</i>
32	1KS16CS033	KETAN.K	<i>Ketan K</i>
33	1KS16CS034	KIRAN KUMAR.M	

**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG.**  
**LIST OF STUDENTS STUDYING IN V B SEC**

**TECHNICAL TALK ON IBM ANALYTICS, GOOGLE DIGITAL MARKETING &  
DATA SCIENCE, ANALYTICS & MACHINE LEARNING ON 29-8-2018**

**FOR THE ACADEMIC YEAR 2018-19**

SL. NO.	USN	NAME OF THE STUDENT	SIGNATURE
1	1KS16CS061	POOJA SREEDHARA MURTHY	Pooja
2	1KS16CS062	PRADEEP.K.S	Pradeep
3	1KS16CS063	PRAJWAL.D	Prajwal
4	1KS16CS064	PRANJUL MISHRA	Pranjul Mishra
5	1KS16CS065	PRASHANT KUMAR TIWARI	Prashant Kumar Tiwari
6	1KS16CS066	PRATIK.N.N	Pratik
7	1KS16CS067	PREKSHA.J.W	Preksha
8	1KS16CS069	PRIYANKA E	
9	1KS16CS070	PRIYANKA PANDIT	
10	1KS16CS071	PRUTHVI PATEL.A.S	Pruthvi Patel
11	1KS16CS072	RAGHURAM.G.N	Raghu
12	1KS16CS073	RAHUL.V	Rahul
13	1KS16CS074	RAKSHIT PAWAR	Rakshit
14	1KS16CS076	RITWIK.G.S	Ritwik
15	1KS16CS077	ROHIT KUMAR.B.R	Rohit
16	1KS16CS078	RUTHVIK.B.R	Ruthvik B.R
17	1KS16CS079	SAHANA.S	Sahana
18	1KS16CS081	SAMEEKSHA.M.GUPTA	Sameeksha M
19	1KS16CS082	SAMPATH KUMAR	
20	1KS16CS083	SANDHYA.D	
21	1KS16CS084	SANDRA VAANIJA	Sandra
22	1KS16CS085	SANJAY.D.HEBBAR	
23	1KS16CS086	SAVINAYA SHETTY.T.N	Savinaya
24	1KS16CS087	SHALINI.N	Shalini
25	1KS16CS088	SHALINI.V	Shalini V
26	1KS16CS089	SHANTANU KUMAR	Shantanu
27	1KS16CS090	SHASHANK KAVUR	
28	1KS16CS091	SHEELA	Sheela
29	1KS16CS092	SHRAVAN BHAT	Shravan
30	1KS16CS093	SHREELEKHA.R.N	





**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical talk on IBM Analytics, Google Digital Marketing & Data Science

Student Name: *Pranjal Mishra*

Date: 23/8/2018

USN: *1KS16CS064*

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event was useful	Very good ✓	Good	Average	Not Good
3	Did the event help in better understanding the concepts	Very good ✓	Good	Average	Not Good
4	Do you think the target group actively participated	Very good ✓	Good	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Computer Science & Engineering

Name of the event: Technical talk on IBM Analytics, Google Digital Marketing & Data Science

Student Name: *Sahana S*

Date: 23/8/2018

USN: *1KS16CS079*

**FEEDBACK FORM**

Tick the Appropriate Box(v)

1	How organised was the Event	Very well organised ✓	well organised	Less organised	No
2	Do you think the event made a useful social contribution	Very good	Good ✓	Average	Not Good
3	Did the event help in better understanding the social responsibilities	Very good	Good	Average ✓	Not Good
4	Do you think the target group actively participated	Very good	Good ✓	Average	Not Good
5	Comment on the duration of the event	Right duration ✓	Shorter Duration	Longer duration	



K.S.Institute of Technology

Department of Electronics and Communication Engg



TECHNICAL TALK ON

"ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING-INDUSTRY TRENDS"

IEEE KSIT SB in association with ISTE organized a Technical Talk on "Artificial Intelligence and Machine Learning-Industry Trends" on 20<sup>th</sup> February , 2019.

The Speaker was Abhilash Manu , AI Automation Lead for Products- Industry Innovation Hub , ACCENTURE. He holds a Master degree in the area of Sustainable Development. This Technical talk was arranged for 8<sup>th</sup> semester students.Mrs.Sahana Salagare, Assistant Professor,ECE Dept. coordinated the event.



Dr.P.N.Sudha ,HOD of EC Department welcoming the speaker Abhilash Manu, AI Architect at Accenture

The main objective behind organizing a technical talk was to make the students aware about the latest industrial trends in the field of Artificial Intelligence and Machine Learning which are the booming topics in the current technology. The Speaker explained the students about the importance of Artificial Intelligence and how it helps in solving the business problems because of which it has got a huge demand. Artificial Intelligence(AI) is the ability of a computer program or a machine to think and learn. AI is currently trending.

because of its readily available high performance computing power and also due to its proliferation of products, solutions.

The Speaker also explained about Machine Learning which is the scientific study of algorithms and statistical models that computer systems use to effectively perform a specific task. Machine Learning is seen as a subset of Artificial Intelligence.

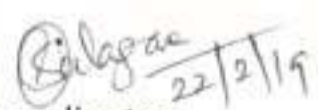



The speaker Abhilash Manu, explaining the concepts of AI and ML to the students



Ms.Jayasudha B.S.K, Branch Counsellor of IEEE KSIT SB felicitating the Speaker.

IEEE KSIT SB and ISTE sincerely thanks the speaker Abhilash Manu for enlightening the students about the latest industrial trends in the field of Artificial Intelligence and Machine Learning.

  
Coordinator  
Mrs.Sahana Salagare

  
HOD  
Dr.P.N.Sudha 22/2/19

  
Principal/Director  
Dr.T.V.Govindaraju 22.2.19



# K.S.INSTITUTE OF TECHNOLOGY

Department of Electronics & Communication Engineering

Technical talk on " Artificial Intelligence & Machine learning – Industry Trends  
20thFeb 2019

## ATTENDANCE

Sl. No	Name of the student	USN	SIGNATURE
1	CHANDANA.G	IKS15EC021	Chandana.G
2	Kavya.N.	IKS15EC040	Kavya.N.
3	Mayanka Gupta	IKS15EC050	Mayanka Gupta
4	Anusha.A.Murthy	IKS15EC010	Anusha
5	Alaka	IKS15EC005	Alaka
6	PRAGNA BR	IKS15EC068	Pragna BR
7	P.ANKITHA	IKS15EC060	P. Anki
8	POOJA.N.RAO	IKS15EC065	Pooja
9	PAVAN.S.PATIL	IKS15EC064	Pavan
10	VISHWAS.K.K	IKS15EC105	Vishwas
11	SANTHOSH.K	IKS15EL087	Santhosh
12	Shankar Ram	IKS15EC090	Shankar
13	POOJAY PRAVEEN MAHABALA	IKS15EC070	Pooja
14	Akshaya Ram B	IKS15EC004	Akshaya
15	PUNITH N	IKS15EC072	Punith
16	Sai Prasad S	IKS15EC080	Sai Prasad
17	Yathish.S.J	IKS16EC439	Yathish
18	Megha.V.	IKS15EC053	Megha
19	Chaitra.B	IKS15EC020	Chaitra
20	Kavya.M	IKS15EC039	Kavya.M
21	Mahind padmanabha.B	IKS15EC047	Mahind
22	Megha Shree R.T	IKS15EC052	Megha Shree
23	Akshatha Shenoy.U	IKS15EC003	Akshatha
24	Manoj.K	IKS15EC049	Manoj
25	Sanjay Karanth	IKS15EC040	Sanjay
26	Nagath.N.Dakkitha	IKS15EC057	Nagath
27	Harsha K.N	IKS15EC032	Harsha
28	Carish H.S	IKS15EC028	Carish
29	CHEZHAN N SHETTI	IKS15EC023	Chezh
30	ABHISHEK GOWDA	IKS15EC001	Abhishek
31	Harsha.N	IKS16EC414	Harsha
32	Sujan.G	IKS16EC434	Sujan
33	Mukul.V	IKS15EC055	Mukul
34	KISHORE BHAT U	IKS15EC042	Kishore
35	JUNAID KHAN	IKS15EC037	Junaid
36	HARSHITH.R	IKS15EC033	Harshith
37	Harish Reddy K.S	IKS16EC415	Harish
38	Dhanush K.A	IKS16EC411	Dhanush
39	Gowtham.R	IKS15EC029	Gowtham
40	Binodh Kumar.K.T	IKS15EC019	Binodh

Sl. No	Name of the student	USN	SIGNATURE
41	Kodidela Rohini	1KS15EC043	K. Rohini
42	Deepashree - R	1KS15EC024	Deepashree
43	Archana - K.N.	1KS15EC011	Archana
44	Sanjana - S	1KS15FC085	Sanjana
45	Tharusha - S.V.	1KS15EC102	Tharusha
46	Rashmi - Srimivasan	1KS15EC077	Rashmi
47	Shashi - D	1KS16EC433	Shashi
18	Nanda - S.	1KS15EC059	Nanda
49	Nallani Priya	1KS15EC058	N. Priya
50	Pallavi - T.K	1KS15EC062	Pallavi
51	ROOPA - N	1KS15EC079	Roopa
52	Ramya - H.N	1KS15EC076	Ramya
53	Sanjana - A. Maney	1KS15EC083	Sanjana
54	Smriti - S	1KS15EC093	Smriti
55	Shreyaswini - C. K	1KS15EC091	Shreyaswini
56	Sannidhi - R. Shetty	1KS15EC086	Sannidhi
57	Smitha - S. Koranth	1KS15EC095	Smitha
58	Spoorthy - U. S	1KS15EC096	Spoorthy
59	Swathi - K. S	1KS15EC101	Swathi
60	Yashaswini - D	1KS15EC106	Yashaswini
61	Namratha - T. R.	1KS16EC424	Namratha
62	Ashrita - N.V	1KS15EC014	Ashrita
63	Bhramini - R	1KS15EC016	Bhramini
64	Bhavana - K.M.	1KS15EC017	Bhavana
65	Megha Sanjay Sawalgi	1KS15EC051	Megha
66	Meghana - K.V	1KS15EG054	Meghana
67	Harekitha - V	1KS15EC036	Harekitha
68	M. SRI PAI CHARITHA	1KS15EC045	Charitha
69	Harshitha Priyadarshini H.G	1KS16EC415	Harshitha
70	deepashree HN	1KS16EC409	Deepashree
71	Ashwini - B.Y	1KS16EC403	Ashwini
72	K. Pruthi - Nakayana	1KS15EC038	Pruthi
73	Pragnya - N	1KS15EC069	Pragnya
74	Parvitha - P	1KS15EC061	Parvitha
75	Girish Kumar - Enugu.	1KS15EC027	Girish
76	uday chowdary Adlesumilli	1KS15EC002	Uday chowdary
77	Alekhyia - Raghunath	1KS15EC006	Alekhyia
78	S. Yethendra Kumar	1KS16EC440	S. Yethendra
79	Sushant - Korannavar	1KS16EC436	Sushant
80	Munub - Fayaz	1KS15EC107	Munub

Signature of the coordinator

H.O.D

22/2/15

Principal

Sl. No	Name of the student	USN	SIGNATURE
82	Sathwik SAIN B.N	1KSISEC089	
83	Pooja. M	1KSISEC066	Pooja M.
84	Shwethashree. C	1KSISEC092	Shwethashree
85	Rakshitha. S	1KSISEC079	Rakshitha S.
86	Rakshitha. M. S.	1KS16EC432	Rakshitha M.S.
87	Subramanya G.V	1KSISEC097	Subramanya G.V.
88	Sangan Suresh K	1KSISEC082	Sangan Suresh
89	Sameer Sivaraja	1KSISEC081	Sameer Sivaraja
90	Nagatya. P	1KSISEC109	Nagatya P.
91	Vaishya. R	1KSISEC104	Vaishya R.
92	Monisha S	1KS16EC423	Monisha S.
93	Udaykumar.V	1KSISEC103	Udaykumar V.
94	Kavya. V	1KS16EC418	Kavya V.
95	Madhusudhan P	1KS16EC420	Madhusudhan P.
96			
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Signature of the coordinator

H.O.D 22/2/19

Principal



**K.S. INSTITUTE OF TECHNOLOGY**  
Department of Electronics & Communication Engineering

Name of the event: Technical talk on Artificial Intelligence & Machine learning – Industry Trends

Date: 20<sup>th</sup> February 2019

Venue: ECE Seminar hall

**FEEDBACK FORM**

**Tick the Appropriate Box(✓)**

1	How was the event organised	Very well organised ✓	Well organised	Less organised	No
2	How relevant was the event for your future tenure	Very Relevant	Relevant ✓	Less Relevant	Not
3	Effectiveness of the resource person	Very Effective ✓	Effective	Less Effective	Not
4	Interaction with resource person	Excellent	Good ✓	Average	Poor
5	Usefulness of the event	Very Useful	Useful ✓	Not Useful	



## IEEE KSIT STUDENT BRANCH



EVENT : TECHNICAL TALK ON

"MICROWAVE AMPLIFIERS & ITS RESEARCH ISSUES"

IEEE KSIT SB Organized a Technical Talk on "MICROWAVE AMPLIFIERS & ITS RESEARCH ISSUES" on 2<sup>nd</sup> November, 2018.

The Speaker was Dr. B.T.Venkatesh Murthy who is currently working as a Assistant Professor, E&C Dept in SIT College, Tumkur. He holds a Doctorate degree in the area of RF & Microwave Circuit Design. This Technical Talk was organized for the 7<sup>th</sup> Semester Students.



Dr. Surekha Borra, Professor of ECE Dept welcoming the Speaker Dr. B.T.Venkatesh Murthy

The main objective behind organizing a technical talk was to make the students aware about the Research Issues related to Microwave Amplifiers. The speaker addressed the students about the topics such as Research Issues related to Microwave Amplifier, Stability of Amplifier, Low Noise Amplifier[LNA], Stub Matching, Cascaded Amplifier, Antennas used in Wind Profiling Radar and Microwave Integrated Circuits [MIC's].

Low Noise Amplifier[LNA] is an electronic amplifier used to amplify the weak signal. To brief about the research issues in LNA, the main aim is to design a low cost, high linear LNA. In Microwave and RF Engineering, a stub is the length of transmission line that is connected at



end only. The free end of the stub is either left open circuit or short circuited. Stub Matching plays a vital role in ensuring effective transmission of signals.



A microwave integrated circuit (MIC) is an integrated circuit (IC) designed for operation at frequencies of approximately 1 gigahertz (GHz) or more. Such components are physically small, in some cases having less than one square millimeter ( $1 \text{ mm}^2$ ) of surface area. These were the few topics covered in the technical talk.



Dr.P.N.Sudha ,HOD of ECE Dept felicitating the Speaker Dr. B.T.Venkatesh Murthy

IEEE KSIT SB and Department of Electronics and Communication sincerely thanks the speaker Dr. B.T.Venkatesh Murthy for sharing his research works with the students and by guided the them about the Research issues related to Microwave Amplifiers.

The Students were definitely enlightened and they were motivated to take up researching in Microwave Amplifiers.

FACULTY COORDINATORS

*Shilpa*  
(Shilpa.V)  
*Balraj*  
5/11/18

*Dmg*  
HOD  
5/11/18

*[Signature]*  
3.11.18  
PRINCIPAL



# K.S.INSTITUTE OF TECHNOLOGY

Department of Electronics & Communication Engineering  
 Technical talk on "Microwave Amplifiers and its Research issues" 2<sup>nd</sup> Nov 2018  
**ATTENDANCE**

Sl. No	Name of the student	USN	SIGNATURE
1	SANTHOSH KUMAR.V	IKSITECO88	[Signature]
2	GOWTHAM. R	IKSISECO29	[Signature]
3	Harsh K.N	IKSISECO32	[Signature]
4	Guru Raj Reddy	IKSISECO30	J. Guru Raj
5	YATHISH S J	IKSISECO39	[Signature]
6	Chethan N Shetty	IKSISECO23	[Signature]
7	Abhishek Gowda S	IKSISECO01	[Signature]
8	Ganesh Gireesh Kumar	IKSISECO27	[Signature]
9	Sanjana S	IKSISECO85	[Signature]
10	Tharusha S.V	IKSISECO102	[Signature]
11	Chandana.K	IKSISECO22	Chandana.K
12	Bhuvika.R	IKSISECO18	[Signature]
13	Manjira	IKSISECO47	[Signature]
14	Ashwini B.V	IKSISECO403	[Signature]
15	Namrata T.R	IKSISECO24	[Signature]
16	Deepak H.N	IKSISECO09	[Signature]
17	Haritha Priyadarshini H.G	IKSISECO15	[Signature]
18	Megha V.	IKSISECO53	[Signature]
19	Kavya.M	IKSISECO39	[Signature]
20	Manjunatha.B	IKSISECO48	[Signature]
21	K. Vinod Kumar	IKSISECO44	[Signature]
22	A. Uday chowdary	IKSISECO02	[Signature]
23	Nagesh.N. Dikshit	IKSISECO57	[Signature]
24	Sunjay Karanth	IKSISECO46	[Signature]
25	Manoj.K	IKSISECO49	[Signature]
26	Paran S Patil	IKSISECO64	[Signature]
27	Yashaswini.D	IKSISECO106	[Signature]
28	Spandhy V.S	IKSISECO96	[Signature]
29	Sanjana.P. Nadig	IKSISECO84	[Signature]
30	Shwetha.S	IKSISECO93	[Signature]
31	Sannidhi.P. Shetty	IKSISECO86	[Signature]
32	Shreyaswini C.K	IKSISECO91	[Signature]
33	Smitha.S. Karanth	IKSISECO95	[Signature]
34	Swathi K.S	IKSISECO101	[Signature]
35	Pruthi Sridhar	IKSISECO25	[Signature]
36	Harshitha.R	IKSISECO35	[Signature]
37	Rakshitha.S	IKSISECO74	[Signature]
38	Pruthvi.K	IKSISECO38	[Signature]
39	Pragnya.N	IKSISECO69	[Signature]
40	Pooja B	IKSISECO27	[Signature]
41	Ravithra SP	IKSISECO26	[Signature]

Signature of the coordinator

H.O.D  
 [Signature]  
 2/11/18

Principal

Sl. No	Name of the student	USN	SIGNATURE
42	Kavya V	1KS16EC418	
43	MONISHA S	1KS16EC423	
44	Shwetha Shree.c	1KS15EC092	
45	Pooja .M	1KS15EC066	
46	Kankshita M.A	1KS16EC432	
47	Nalanda.S.	1KS15EC059	
48	chaitra.M.	1KS15EC045	
49	Mayanka.Gupta.	1KS15EC050	
50	Rohini Kodidela	1KS15EC043	
51	Deepakree.R	1KS15EC024	
52	Sanjana.A.Maney	1KS15EC083	
53	Shashi.D	1KS16EC433	
54	Subramanya.Gill.	1KS15EC097	
55	Dhanraj	1KS16EC410	
56	Girish H.S	1KS15EC021	
57	Sameer Sivartha	1KS15EC081	
58	Sujan.G	1KS16EC434	
59	Shankar Ram	1KS15EC090	
60	Ajitha.N.V	1KS15EC014	
61	Bhaminie R	1KS15EC016	
62	Bhavana.	1KS15EC017	
63	Mukul	1KS15EC055	
64	Megha.S.Savalgi	1KS15EC051	
65	AKshatha.Sheroy	1KS15EC003	
66	Archana.K.N.	1KS15EC011	
67	Alekha Raghunath	1KS15EC006	
68	Arushi.A.Murthy	1KS15EC010	
69	Hrishitha.V	1KS15EC036	
70	Chandana.G	1KS15EC021	
71	Kavya N	1KS15EC040	
72	AKshaya Ram Badala	1KS15EC004	
73	Nayabhusara Bhat	1KS15EC056	
74	Kishore Khat-U	1KS15EC042	
75	Hrishith R	1KS15EC033	
76	S.Veethendra Kumar	1KS16EC440	
77	Nagatara	1KS15EC109	
78	Dhanush.K.A	1KS16EC411	
79	Muneeb-fayaz	1KS15EC107	
80	Udaykumar.V	1KS15EC103	
81	Vishumekok	1KS15EC105	

Signature of the coordinator

H.O.D  
2/11/18

Principal



**K.S. INSTITUTE OF TECHNOLOGY**  
Department of Electronics & Communication Engineering

Name of the event: Technical talk on "MICROWAVE AMPLIFIERS AND ITS RESEARCH ISSUES"  
Date: 2/11/18 Venue: ECE Seminar hall

**FEEDBACK FORM**  
**Tick the Appropriate Box (✓)**

1	How was the event organised	Very well organised	Well organised ✓	Less organised	No
2	How relevant was the event for your future tenure	Very Relevant	Relevant	Less Relevant ✓	Not
3	Effectiveness of the resource person	Very Effective	Effective	Less Effective ✓	Not
4	Interaction with resource person	Excellent	Good	Average ✓	Poor
5	Usefulness of the event	Very Useful	Useful	Not Useful ✓	



**K.S.INSTITUTE OF TECHNOLOGY**  
**Department of Electronics & Communication Engineering**  
**Guest Lecture Report**



A Guest Lecture on “Machine Learning and Deep Learning Applications” by Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore, was arranged under the banner of IETE for B.E 5<sup>th</sup> and 7<sup>th</sup> Semester ECE & TC students on 5<sup>th</sup> October 2018 at 2 pm in ECE Seminar Hall.

Objective of the event:

To expose the Faculty/ Research Scholars/ Students in emerging technologies in the areas of Data Science & analytics.

This workshop provides foundation level training that enables immediate and effective participation in Big data And Data Science and other Analytics projects.

Participants will develop a basic understanding of the principles of machine learning and derive practical solutions using predictive analytics.

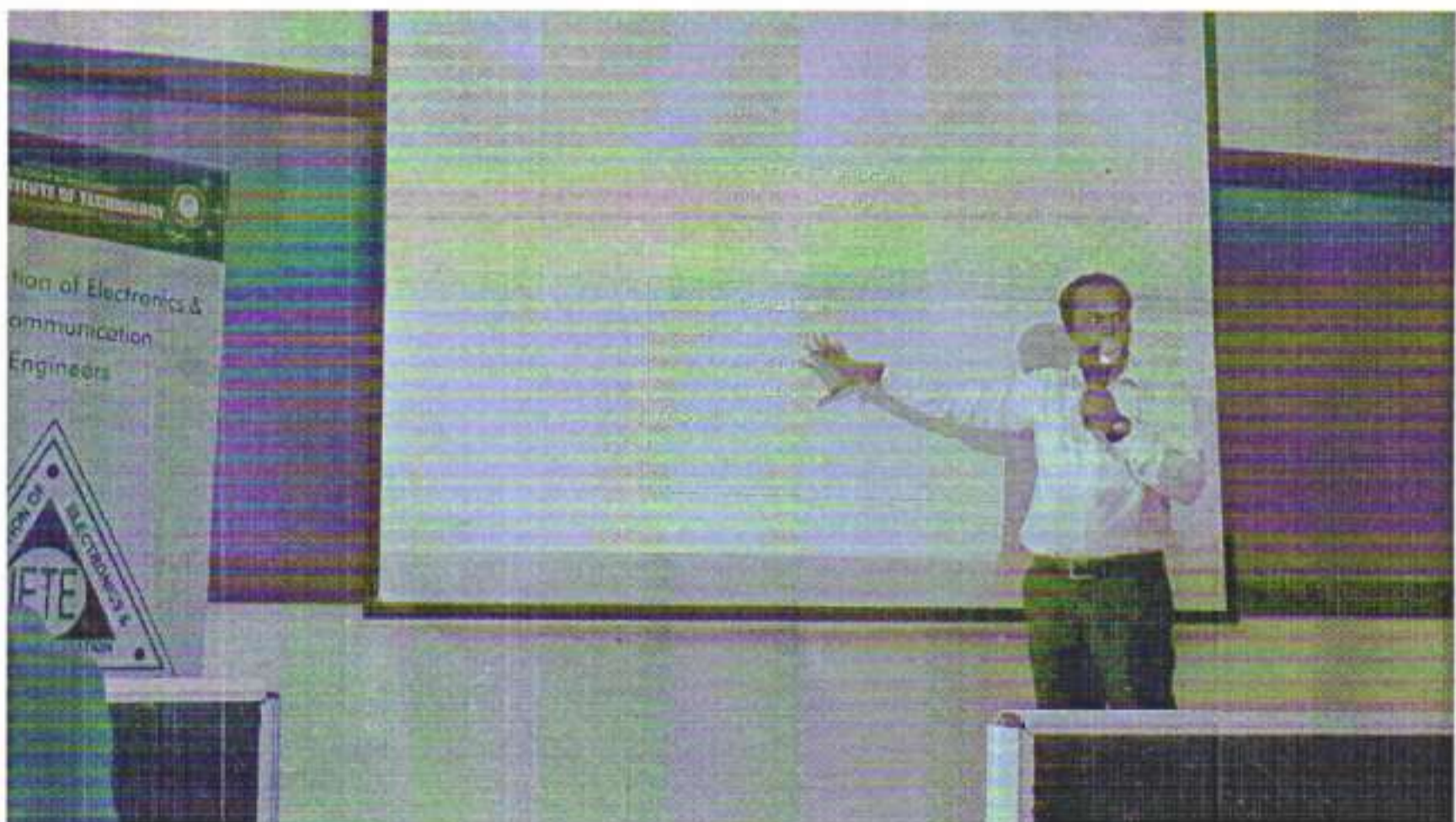
Outcomes of the event:

- Understand components and types of a machine learning algorithm.
- Apply machine learning tools to build and evaluate predictors.
- How machine learning uses computer algorithms to search for patterns in data
- How to uncover hidden themes in large collections of documents using topic modeling.
- How to use data patterns to make decisions and predictions with real-world examples
- Basics and applications of neural networks, convolutional neural networks and deep learning and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming

The Guest lecture started at 3 PM in Seminar Hall. Srinidhi, IETE ISF coordinator, KSIT welcomed the Guest speaker, Principal, HOD of ECE & TCE Departments, Faculty and students for the Guest Lecture. Dr. B.Surekha, Professor, ECE Department introduced the Chief Guest to the gathering.



Dr. B.Surekha, Professor, ECE Dept. welcoming Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore.



Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore delivered the guest lecture. In his lecture, he first stressed about the current role of **Machine Learning and Deep Learning** particularly their real time applications. He further discussed about the following topics:

- Types of Learning
- Machine Learning
- Object Detection, Recognition, classification
- OCR Trainer
- Deep Learning
- Convolutional Neural Networks
- Alexnet Example
- Transfer Learning
- Semantic Segmentation
- Applications and challenges
- Tensor flow and Matlab

A good number (88) of V and VII semester ECE & TCE students attended the lecture. The technical talk has provided the students, teachers and research scholars an exposure to basics and applications of Machine Learning and Deep Learning.



Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore, delivering the Guest Lecture



Students Listening to the Guest Lecture



IETE ISF Student Coordinators






Dr. B.Surekha, Professor, Dept. of ECE delivered vote of thanks and presented memento to Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore.

The Guest Lecture ended at 4 PM., and everyone left the hall with positive feedback.

  
Coordinator

Dr. B. Surekha (ECE)

  
HOD  
6/10

Dr. PN.Sudha

  
Principal  
6.10.18

Dr. T.V. Givindaraju



# K.S.INSTITUTE OF TECHNOLOGY

Department of Electronics & Communication Engineering

Name of the event: Guest Lecture on " Machine Learning and Deep Learning Applications "  
Date: 5/10/18

## ATTENDANCE

S.No	Name of the student	USN	Signature
1	Bharath .R	IKS16EC016	Bharath
2	H.M.Nikhil Jamodagni	IKS16EC030	Nikhil
3	Mohammad Waleed	IKS16EC051	Waleed
4	Anirudh K.N.	IKS16EC009	Anirudh K.N.
5	Deepak. Lamani	IKS16EC094	Deepak
6	Ashik B.N	IKS16EC011	Ashik
7	Likhitha.y	IKS16EC041	Likhitha.y
8	L.S Baby Ram	IKS16EC039	Baby Ram
9	Namratha.G	IKS16EC053	Namratha.G
10	Namratha.G	IKS16EC054	Namratha.G
11	Neha.N.V	IKS16EC058	Neha.N.V
12	Namita.L.Rao	IKS16EC052	Namita.L.Rao
13	Lakshmi Priya	IKS16EC040	Lakshmi Priya
14	Meghashree.r	IKS16EC050	Meghashree.r
15	Deep.R	IKS16EC023	Deep.R
16	Divyalakshmi.G	IKS16EC026	Divyalakshmi.G
17	Komal Khandelwal	IKS16EC036	Komal
18	Ashwini.S	IKS16EC013	Ashwini.S
19	Bhagya Shree	IKS16EC015	Bhagya Shree
20	Chandana.R	IKS16EC019	Chandana.R
21	Mukul.V	IKS16EC055	Mukul.V
22	Megha V	IKS16EC053	Megha V
23	Meghana K.V	IKS16EC052	Meghana K.V
24	R.K Aishwarya	IKS16TE002	R.K Aishwarya
25	Bharathi V	IKS16TE008	Bharathi V
26	Rekha.K.S	IKS16TE027	Rekha
27	Rakshitha.B.N	IKS16TE025	Rakshitha
28	Pallavi.C	IKS16TE021	Pallavi.C
29	Pavana.M	IKS16TE023	Pavana.M
30	Dallavi.S	IKS16TE022	Dallavi.S
31	Jyothi.P	IKS16TE017	Jyothi.P
32	Ankitha	IKS16TE007	Ankitha
33	Jennifer.J	IKS16TE016	Jennifer.J
34	Ananya.M	IKS16TE005	Ananya
35	Aishwarya.M	IKS16TE001	Aishwarya
36	Shobani.G.R	IKS16TE029	Shobani.G.R
37	Ritu Parva A	IKS16TE028	Ritu Parva A
38	Bi Bi Khodiyatul Kubra	IKS16TE009	Bi Bi Khodiyatul Kubra
39	Harshitha.H	IKS16TE015	Harshitha.H

Signature of the coordinator

H.O.D  
6/10

Principal

6.10.18

40.	SONU. G	IKS16TE032	<u>Soni</u>
41.	HARIPRIYA. G.B	IKS16TE013	<u>haripriya</u>
42.	RANJINI. N.V	IKS16TE026	<u>Ranjini</u>
43.	ANAGHA. S. M	IKS16TE004	<u>Anagha</u>
44.	AMRITHA. S	IKS16TE003	<u>Amritha</u>
45.	ANITHA. M	IKS16TE006	<u>Anitha. M</u>
46.	SHIVALEELA	IKS16TE031	<u>Patil</u>
47.	AKASH NAHANTESH HOSAMANI	IKS16EL006	<u>ali</u>
48.	ABHISHEK NANDYAL	IKS16EL003	<u>Abhi</u>
49.	AYUSH RAJ	IKS16EL014	<u>Ala</u>
50	NAVEEN	IKS16EC056	<u>NR</u>
51	Lokesh S	IKS16EC042	<u>L</u>
52	J H Thayun	IKS16EC031	<u>J</u>
53	Mohammed mueen	IKS16TE020	<u>M</u>
54.	Raghoutham	IKS15TE025	<u>R</u>
	Srinidhi	IKS16TE036	<u>S</u>
55	Srihari	IKS16TE034	<u>S</u>
56	Soukhya S.M	IKS16TE033	<u>Soukhya</u>
57	Chandan	IKS16TE010	<u>Ch</u>
58	Harshith H.V	IKS16TE014	<u>H</u>
59	Kumara. B.N	IKS16EC419	<u>K</u>
60	MARSHAS	IKS16EC422	<u>M</u>
61	M. Swaya	IKS16EC043	<u>M</u>
62	DEEMANSH.K.P	IKS16EC022	<u>Devi</u>
63	Charan. A	IKS16EC020	<u>Charan</u>
64.	Mandavyandast	IKS16EC055	<u>M</u>
65	Adithya. D.M	IKS16EC004	<u>Adm</u>
66	Manikantan. G	IKS16EC047	<u>Mani</u>
67	MADHU. G	IKS16EC044	<u>Madhu. G</u>
68.	Rhoomika. P.M	IKS16EC017	<u>Rhoomika</u>
69.	Brundha. R	IKS16EC018	<u>Brundha</u>



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Electronics & Communication Engineering

Name of the event: Guest Lecture on " Machine Learning and Deep Learning Applications "  
Date: 5/10/18

**ATTENDANCE**

S.No	Name of the student	USN	Signature
1	ABHISHEK A NANDYAL	1KS16EC003	
2	AKASH MAHANTESH HOSAMANI	1KS16EL006	
3	Ayush Ray	1KS16EC014	
4	Rakoon K M	1KS16ECH30	
5	Naveen	1KS16EC056	
6	Lokesh S	1KS16EC049	
7	Jayam Hareesh Jharum	1KS16EC031	
8	HARSHA S	1KS16ECH22	
9	M. Surya	1KS16EC043	
10	Charan A	1KS16EC030	
11	Deemant K.P	1KS16EL022	
12	Alandangonda S.H	1KS16EC055	
13	Chandrakala K.S	1KS17EC004	
14	Meenakshi A	1KS16EC049	
15	Nikita B.V	1KS16EC059	
16	Harshini	1KS16EC028	
17	Deepika M	1KS16EC025	
18	Arpitha C.V	1KS17EC000	

Signature of the coordinator

H. S. Suresh  
6/10

Principal  
5.10.18



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Electronics & Communication Engineering

Name of the event: Guest Lecture on " Machine Learning and Deep Learning Applications "

Date: /1 /18

Venue: ECE Seminar Hall

**FEEDBACK FORM**  
**Tick the Appropriate Box (✓)**

1	How was the event organised	Very well organised	<del>Well organised</del>	Less organised	No
2	How relevant was the event for your future tenure	Very Relevant ✓	Relevant	Less Relevant	Not
3	Effectiveness of the resource person	Very Effective ✓	Effective	Less Effective	Not
4	Interaction with resource person	Excellent	Good	Average	Poor
5	Usefulness of the event	Very Useful ✓	Useful	Not Useful	



Kammavari Sangham @ 1952  
K. S. GROUP OF INSTITUTIONS  
**K. S. INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)  
#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109  
Tel: +91 80 28435722\ 724, Fax: +91 80 28435723 www.ksit.ac.in



## Anti Sexual Harassment Committee-KSIT



In  
Association with  
Lions Club & WIE Affinity Group  
IEEE KSIT SB



Cordially invites you on 03<sup>rd</sup> September 2018

for

Talk on

“Nurture the Future &  
Empower the Adolescent Girls”

by

**Dr. Hemavathi Srinivasan**

*Time: 1.30PM*

*Venue: ECE Seminar Hall*

*Followed by*

**Demonstration on**

“Self Defense”

by

**Dr. Ritesh Reddy and Team**

*Time: 2.30PM*

*Venue: Quadrangle*



4



## IEEE KSIT STUDENT BRANCH



### EVENT: TALK ON WOMEN EMPOWERMENT

The first event of WIE affinity group in association with AHSC committee was conducted on 3<sup>rd</sup> september 2018, a talk on "Nuture the future & empower the adolesent girls".

The main aim of the event was to enlighten young girls with the importance of good health & building right career. This event was held in assosiation with the Lion's club.

Dr.Hemavathi Srinivasan was the speaker and she shared her knowledge about how to maintain good health. The first year girls attended this event and they were made aware regarding various health issues faced by adolescent girls & preventive measures for the same.

This interactive session inspired young girls to have strong aim and work towards achieving their goals. This encouraged the girls in building their career with self respect & taught them to be independent.



Dr.Hemavathi Srinivasan was welcomed with with a sapling.



The speaker guiding the young girls about Personal hygiene.

IEEE KSIT along with WIE KSIT sincerely thanks the speaker, Dr.Hemavathi S Srinivasan for creating an impact on the young minds by playing a role in nuturing their futures.

A handwritten signature in black ink, appearing to be 'Ves'.

WIE COUNSELOR

A handwritten signature in black ink, appearing to be 'Dms'.

WIE CHAIR

Name	Semester Section	Branch	Signature
Vandana.K. 7337620333. Vandana.k.54320@gmail.com	1 <sup>st</sup> Sem 'G'	E.C.E	<u>Vandana.K</u>
Sushmitha.R 9845405649 Sush2552000@gmail.com	1 <sup>st</sup> Sem 'G'	E.C.E	<u>R. Sushmitha.</u>
Karishma.M. 9986077780. Karishma manjunath1303@gmail.com	1 <sup>st</sup> Sem 'E'	E.C.E	<u>Karishma M</u>
Thamushree.D 9620003984 202000thamushreed@gmail.com	1 <sup>st</sup> Sem 'G'	E.C.E	<u>Thamushree.D</u>
Ashwini.J	1 <sup>st</sup> sem 'A'	CSE	<u>Ashwini.J</u>
Bhuvana.G	1 <sup>st</sup> Sem 'A'	CSE	<u>Bhuvana.G</u>
Aishwarya.M.R	1 <sup>st</sup> Sem 'G'	T.C.E	<u>Aishwarya</u>
Sneha.A.L	1 <sup>st</sup> Sem 'G'	T.C.E	<u>Sneha A.L</u>
Supriya.S	1 <sup>st</sup> Sem 'G'	ECE	<u>Supriya.S</u>
Meghana.B.S.	1 <sup>st</sup> Sem 'F'	ECE	<u>Meghana.B.S</u>
Sneha.N	1 <sup>st</sup> Sem 'F'	ECE	<u>Sneha N</u>
Navya.M.S	1 <sup>st</sup> sem 'F'	ECE	<u>Navya.M.S</u>
Pragathi.J.Reddy	1 <sup>st</sup> Sem 'G'	TCE	<u>Pragathi</u>
VAISHNAVI.G	1 <sup>st</sup> Sem 'G'	ECE	<u>Vaishnavi</u>
Harshitha.S	1 <sup>st</sup> Sem 'G'	TCE	<u>Harshitha</u>
ASHRITHA.S.G	1 <sup>st</sup> Sem 'E'	ECE	<u>ASHRITHA</u>
Aishwarya.Bardigani	1 <sup>st</sup> sem 'E'	ECE	<u>Aishwarya</u>



Name	Semester / Branch / USN Section	Branch	Signature
P. Sai Chandana RAMYA R Vijayarani N R Vinutha . S.	1st sem 'B' 1st SEM 'B' 1st SEM 'B' sec IKS15CS127	CSE CSE CSE CSE	<u>Handwritten</u> Ramya R Vijayarani vinu
<del>Pallavi C</del> Pallavi S	IKS16TE021 IKS16TE022	TCE TCE	<u>Pallavi S</u> Pallavi S
Tanushree . P Tejaswini G. Supriya . C	IKS16CS108 IKS16CS109 IKS16CS105	CSE CSE CSE	<u>Tanushree</u> Tejaswini Supriya C
Vaasha . P	IKS16CS112	CSE	<u>P. Vaash</u>
Vaashitha . K Bharathi . R Sandhya D	IKS16CS113 IKS17CS401 IKS16CS083	CSE CSE CSE	<u>Vaashitha</u> Bharathi D. Sandhya
Sahana S Anitha . M	IKS16CS079 IKS16TE006	CSE TCE	<u>Sahana S</u> Anitha . M
Shivaleela Jennifer . J Aishwarya . M Ananya . M. Sharvani . G . R	IKS16TE031 IKS16TE016 IKS16TE004 IKS16TE005 IKS16TE029	TCE TCE TCE TCE TCE	<u>Shivaleela</u> Jennifer Aishwarya Ananya Sharvani
Swathi . M . C	IKS16CS107	CSE	<u>Swathi M C</u>
Shivangi Srivastava Vijetha Sindu . A . S Sushmitha . S R. Pratiksha	1st sem 1st Sem 'B' 1st sem 'B' 1st sem 'B' 1st sem 'B'	C.S.E - B CSE CSE CSE CSE	<u>Shivangi</u> Vijetha Sindu Sushmitha Pratiksha

NO	Name	SEMESTER / SECTION USN	Branch	Signature
5	Ankitha	IKS16TE007 / 5 <sup>th</sup> Sem	TCE	<u>Ankitha</u>
6	Zaina Khan	1 <sup>st</sup> Sem	CSE	<u>Zaina</u>
7	Swetha Bijanapalli	1 <sup>st</sup> Sem	CSE	<u>Swetha B</u>
8	Chandana N	V SEM IKS16TE011	TCE	<u>Chandana</u>
9	Yogita Raikar	I <sup>st</sup> Sem 'B'	CSE	<u>Yogita</u>
10	R. Dekshitha	I <sup>st</sup> Sem 'B'	CSE	<u>Dekshitha</u>
11	Kubra	IKS16TE009 / 5 <sup>th</sup> Sem	TCE	<u>Kubra</u>
12	Shubhashini R.	I <sup>st</sup> Sem } B	CSE	<u>Shubha</u>
13	VARIDHI M	I <sup>st</sup> Sem } B	CSE	<u>Varidhi</u>
14	RITHANA N. RAJ	I <sup>st</sup> Sem - B	CSE	<u>Rithana</u>
15	Fariya N	I <sup>st</sup> Sem - A	CSE	<u>Fariya N</u>
16	Jyothi P	IKS16TE017 III <sup>rd</sup> year (5 <sup>th</sup> Sem)	TCE	<u>Jyothi P</u>
17	Zaiba Anam	V SEM IKS16TE044	TCE	<u>Zaiba</u>
18	VARSHITHA	V SEM (IKS16TE044)	TCE	<u>Varshitha</u>
19	SRI LAKSHMI	V SEM (IKS16TE035)	TCE	<u>Sri Lakshmi</u>
20	Harshitha H	V SEM (IKS16TE035)	TCE	<u>Harshitha</u>
21	K. Parvitha	I <sup>st</sup> Sem 'A'	CSE	<u>K. Parvitha</u>
22	Lavita Chaudhary	I <sup>st</sup> Sem 'A'	CSE	<u>Lavita</u>
23	Anushruti Singh	I <sup>st</sup> Sem 'A'	CSE	<u>Anushruti</u>
24	Bhalini S	I <sup>st</sup> Sem 'B'	CSE	<u>Bhalini</u>
25	Poojashree K	I <sup>st</sup> Sem 'B'	CSE	<u>Pooja</u>
26	Rekha N.C	I <sup>st</sup> Sem B	CSE	<u>Rekha</u>
27	Nandini J.K	I <sup>st</sup> Sem 'A'	CSE	<u>Nandini J.K</u>
28	Likhitha N	I SEM 'A'	CSE	<u>Likhitha</u>
29	Amravanthi M	I SEM 'A'	CSE	<u>Amravanthi</u>

Name	USN	Branch	Signature
G. Sarayu Choudhary	I-Sem 'A'	CSE	Sarayu
M. Sreelakshmi	I-Sem 'A'	CSE	<del>Sreelakshmi</del>
Latha.V	I-Sem 'A'	CSE	Latha.V
Ruba Abdul Rahman	I-Sem 'B'	CSE	Ruba AR
Noor Sumaiya	I Sem 'A'	CSE	<del>Sumaiya</del>
Shewani Chib	I Sem 'B'	CSE	Shewani Chib
VishnuPriya.P	I Sem B	CSE	Shivapriya
Dandu Niharika	I Sem A	CSE	Danf
Varsha Rani Sah	V sem IKS16TE01	TCE	Varsha
Varsha.P	V sem IKS16TE040	TCE	Varsha
Pavana	V sem IKS16TE023	TCE	P
Rakha	V sem IKS16TE027	TCE	R
Priyanka.M	V sem IKS15CS073	CSE	Priyanka
Bhanathi.H	IKS16TE008	TCE	Bhanathi
Rakshitha.B.N	IKS16TE025	TCE	R
Aishwarya.R.k	IKS16TE002	TCE	Aishwarya
Vydeli Bhat	IKS16CS119	CSE	Vydeli
Vennala	IKS16CS116	CSE	Vennala
Vidyaashree	IKS16CS118	CSE	Vidyaashree
oja sreedhara Murthy	IKS16CS061	CSE	oja
Prityanka Pandit	IKS16CS070	CSE	Prityanka
Sameeksha.M. Gupta	IKS16CS081	CSE	Sameeksha M

K. S. Institute of Technology  
Bangalore - 109



**KSIT**  
A UNIVERSITY OF TECHNOLOGY

Department of Electronics and Communication Engineering  
&  
GARUT Aero-Modeling Club

Presents

**ARTF**

ALMOST READY TO FLY



Dr .P N Sudha, HOD/ECE Dept. gratifying Mrs. Saraswathi Nagarajan presence

A kick-start event for aero-modeling by Mrs. Saraswathi Nagarajan , who has served at B.H.E.L., H.A.L., H.M.A., M/s Enit Solutions and presently working as "System Engineering Consultant" in UG Academy. She has received the "SUMAN SHARMA AWARD" from the Institution of Engineers.



Mr. Sunil Kumar GR, Asst. Prof., ECE dept. speaking about the achievements of Mrs. Saraswathi Nagarajan

Avionics are the electronic systems used on aircraft, artificial satellites, and spacecraft. Avionic systems include communications, navigation, the display and management of multiple systems, and the hundreds of systems that are fitted to aircraft to perform individual functions. These can be as simple as a searchlight for a police helicopter or as complicated as the tactical system for an airborne early warning platform. The term avionics is a portmanteau of the words aviation and electronics. Without avionics most military and high-tech planes would be unsafe. Aviation safety costs little but saves much.



Mrs. Saraswathi Nagarajan explaining about the overview on avionics

“When everything seems to be going against you remember that the airplane take off against the wind not with it.”

She stressed that, satisfaction levels in the industry are high, mainly because it provides intellectual curiosity with a very close attention to detail. Presentation given by her has inspired many of our students and she gave us the clear picture of avionics and how Electronics & Communication students can work on future of avionics. She gave a brief knowledge on following points:

- ❖ Importance and role of avionics
- ❖ Avionic development
- ❖ Core avionics systems
- ❖ Avionics-an embedded system
- ❖ Avionics architecture

She also spoke on job prospects for Electronics & Communication Engineering students in the following areas:

- Avionics System Engineering
- Avionics System Development
- Avionics Testing
- Avionics Interface

“Your wings already exist all you have to do is FLY”

The event took off well with the guest introduction, cruised at high altitude & speed giving insight to students in building their career in avionics and landed safely with satisfaction on faces of Garut committee members for organizing the event.

  
Coordinator

  
Principal

  
HOD/ECE

ATTENDANCE SHEET

Sl. No.	SEM	SEC	DEPT.	NAME	USN	SIGN
1			ECE	ANUSHREE V.K	IKS17EC014	
2	III	B	ECE	RAMYA R	IKS17EC078	Rya R
3			ECE	GAGAN KUMAR G		
4			ECE	ASIYA FATHIMA	IKS17EC017	Asiya
5			ECE	SUPRIYA V		
6			ECE	SAHANA M K		
7			ECE	YASHASWINI		
8			ECE	SRIRAKSHA		
9	III	B	ECE	ROHINI D	IKS17EC080	Rohini D
10	III	B	ECE	NAGANETRA M	IKS17EC059	Naganetra M
11	III	B	ECE	MD. SADATH	IKS17EC057	MD. Sadath
12			ECE	CHETHAN G	IKS17EC027	Chethan G
13	V	A	ECE	K. SRINIDHI RAO		
14	V	A	ECE	BHAGYASHREE S J	IKS16EC015	Bhagyasree S J
15	V	A	ECE	KOMAL KHANDLWAL	IKS16EC036	Komal Khandlwal
16	V	A	ECE	ASHWINI S	IKS16EC013	Ashwini S
17	V	A	ECE	SHYLESH RAJ	IKS16EC091	Shylesh Raj
18	V	A	ECE	SKANDA N	IKS16EC097	Skanda N
19	V	A	ECE	SHRINIDHI N S	IKS16EC090	Shrinidhi N S
20	V	A	ECE	VASUDEV UPADHYA	IKS16EC106	Vasudev Upadhy
21			ECE	BHOOMIKA P M		
22			ECE	SUMA B S		
23	V	A	ECE	JEEVITHA N C	IKS16EC032	Jeevitha N C
24			ECE	BRUNDA S		
25	V	A	ECE	DIVYALAKSHMI G	IKS16EC026	Divyalakshmi G
26			ECE	AALIJA ZAINAB		
27	V	A	ECE	DEEPA R	IKS16EC023	Deepa R
28			ECE	ANUSHA RAJ D		
29			TELE	VARSHA P		
30			TELE	PALLAVI C		
31	V	B	ECE	VIVEK R	IKS16EC116	Vivek R
32	V	B	ECE	SUDHANSHU S SHARMA	IKS16EC096	Sudhanshu S
33			TELE	REKHA K S		
34			ECE	UDAY CHOWDARY		
35			ECE	SUBRAMANYA G U		
36			ECE	SANGAM SWADI K		
37			ECE	SAMEER SRIVATSA		
38			ECE	SANTHOSH K		
39			ECE	SKANDA HN		
40			ECE	SANTHOSH KUMAR		
41			ECE	UDAY KUMAR V		
42			ECE	VISHWAS K K		
43			ECE	PAVAN S PATIL		
44			ECE	SURYA K B		
45			ECE	ANUGHAI	IKS17EC012	Anughai
46			ECE	RINDU	IKS17EC023	Rindu
47			ECE	ANUSHRA M	IKS17EC013	Anushra M
48			ECE	ARPITHA N	IKS17EC016	Arpitha N
49			ECE	WASHA.A.KASHYAP	IKS17EC008	Washa.A.Kashyap
50			ECE	BHOOMIKA Kulkarni	IKS17EC009	Bhoomika Kulkarni
51			ECE	Sushma Kamnody	IKS17EC044	Sushma Kamnody
52			ECE	Hemanti	IKS17EC032	Hemanti
53			ECE	Sannidhi P. Shetty	IKS15EC026	Sannidhi P. Shetty
54		B	ECE	SAHANA D	IKS16EC079	Sahana D
55		A	ECE	MADHU G	IKS16EC049	Madhu G
56		B	ECE	SAHANA K.G	IKS16EC080	Sahana K.G
57		B	ECE	SOMAS K	IKS16EC097	Somas K
58		B	ECE	CAITANYA T	IKS16EC081	Caitanya T
59		B	ECE	DILAY N	IKS16EC112	Dilay N
60		B	ECE	RITHVIK P		
61		A	ECE	CHARAN SATY	IKS17EC025	Charan Saty
62		A	ECE	Arind Deekshank	IKS17EC010	Arind Deekshank
63		A	ECE	Dorelhan T G	IKS17EC030	Dorelhan T G
64		A	ECE	Gowtham B	IKS17EC039	Gowtham B
65		B	ME	Tejas P	IKS17ME086	Tejas P
66			ECE	Mahantti Sai. M		
67			ECE	Somashekar. M		
68			ECE	PAIKSHITH. S		
69			ECE	DARSHAN S		
70		A	ECE	ANANYA ANANTH		
71		A	ECE	M.Nikhitha		
72		B	ECE	Tharunheer D		
73		B	ECE	Preethi S		
74			ECE	Monisha B. R		
75			ECE	Niharika S. A		
76			ECE	Harsh Sharma		
77		B	ECE	RAMYA M.S	IKS16EC081	Ramya M.S
78		B	ECE	Supriya V		
79		B	ECE	Perathima P		
80		B	ECE	Nidhya		
81		B	ECE	Romy MS		
82		B	ECE	Sachin Mh		
83		B	ECE			

DMS  
28/8



**IEEE KSIT STUDENT BRANCH**  
**EVENT : INDUCTION PROGRAM**



KSIT conducted their orientation day on 11th August, 2018 welcoming its budding engineers. Its time for the IEEE KSIT STB to fasten their seat belts and with the above mentioned motive include the freshers in their IEEE family. A ten day orientation was given to the freshers and on 21st August, 2018 the ELECTRONICS AND COMMUNICATION department addressed the freshers about happenings in the college and heartily welcomed them to the family. A slot was given to IEEE STB to heartily indulge them in the occasion and stretch their hands in including the freshers into IEEE.



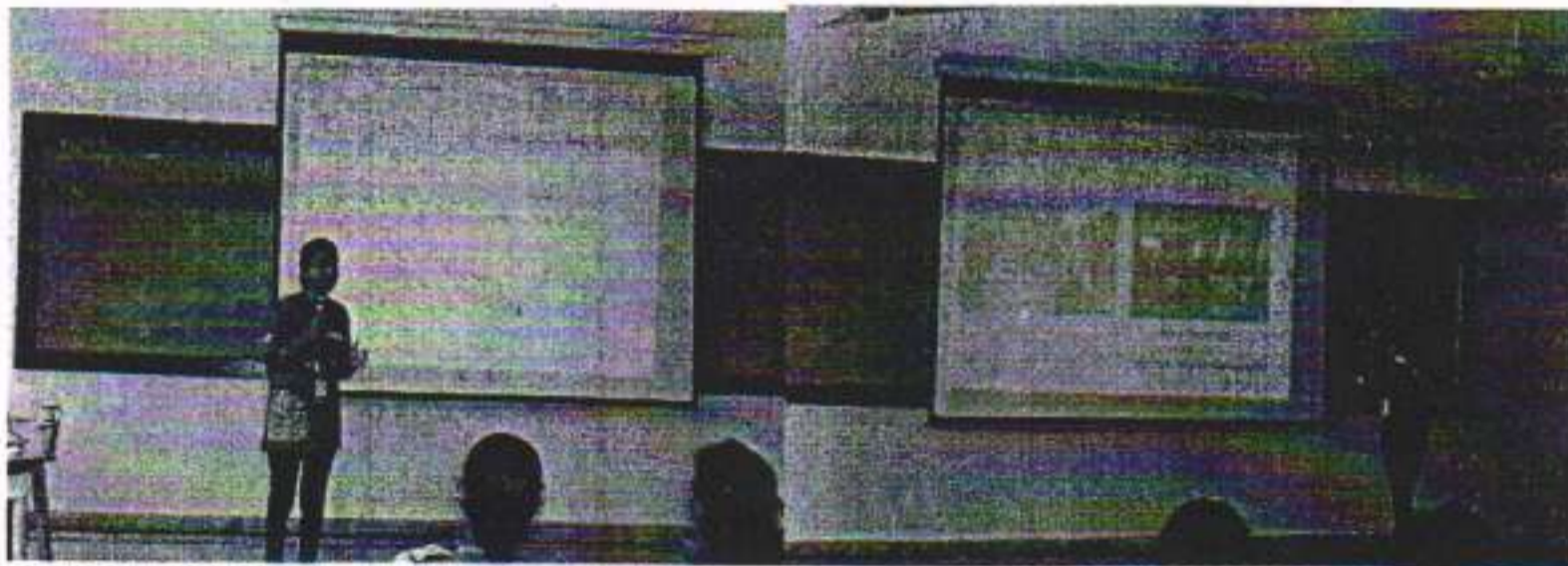
**HOD DR.P.N SUDHA BRIEFING ABOUT THE DEPARTMENT ACTIVITIES**

The current Execom of IEEE KSIT both the STB members and BRANCH CHAIR MR.SANTOSH KUMAR shared their experiences in IEEE and the students were made aware about the importance of IEEE. The Execom explained about all the technical and non-technical events conducted in favor of the students.





**MR.SANTOSH KUMAR BRIEFING ABOUT KSIT IEEE STUDENT  
BRANCH**



**BRANCH VICE CHAIR MS.KAVYA BRIEFING  
ABOUT TECHNICAL AND NON TECHNICAL  
EVENTS CONDUCTED UNDER IEEE.**

**BRANCH WIE TRESURER MS. SANNIDHI  
BRIEFING ABOUT WORKSHOPS  
CONDUCTED UNDER IEEE.**

The freshers were motivated in learning more about IEEE and were overwhelmed in joining the IEEE family. IEEE KSIT is grateful to the college for providing them an oppurtunity to stengthen their wings and fly high.

**BRANCH COUNSELOR**

**BRANCH CHAIR**

①  
K. S. Institute of Technology  
Bangalore - 109



Department of Electronics and Communication Engineering  
&  
Garut Aero-modeling Club

Presents

# PRERANA

A Motivational Talk



MOTIVATIONAL TALK

BY

COL. ANSHU TRIVEDI

IN

KAMMAVARI SANGHAM INSTITUTE OF TECHNOLOGY

An incentive event for personality development by Col. Anushu Trivedi was held on 03-08-2018 witnessed by the students of 5<sup>th</sup> semester and the members of GARUT Aero-modeling Club, ECE department.

"An ordinary person facing extraordinary circumstances and acting with courage, honor and self-sacrifice is the hero."



Dr. P N Sudha, HOD, ECE department gratifying Col. Anshu Trivedi presence.

"A soldier doesn't fight because he hates of what is in front of him. He fights because he loves what he left behind."

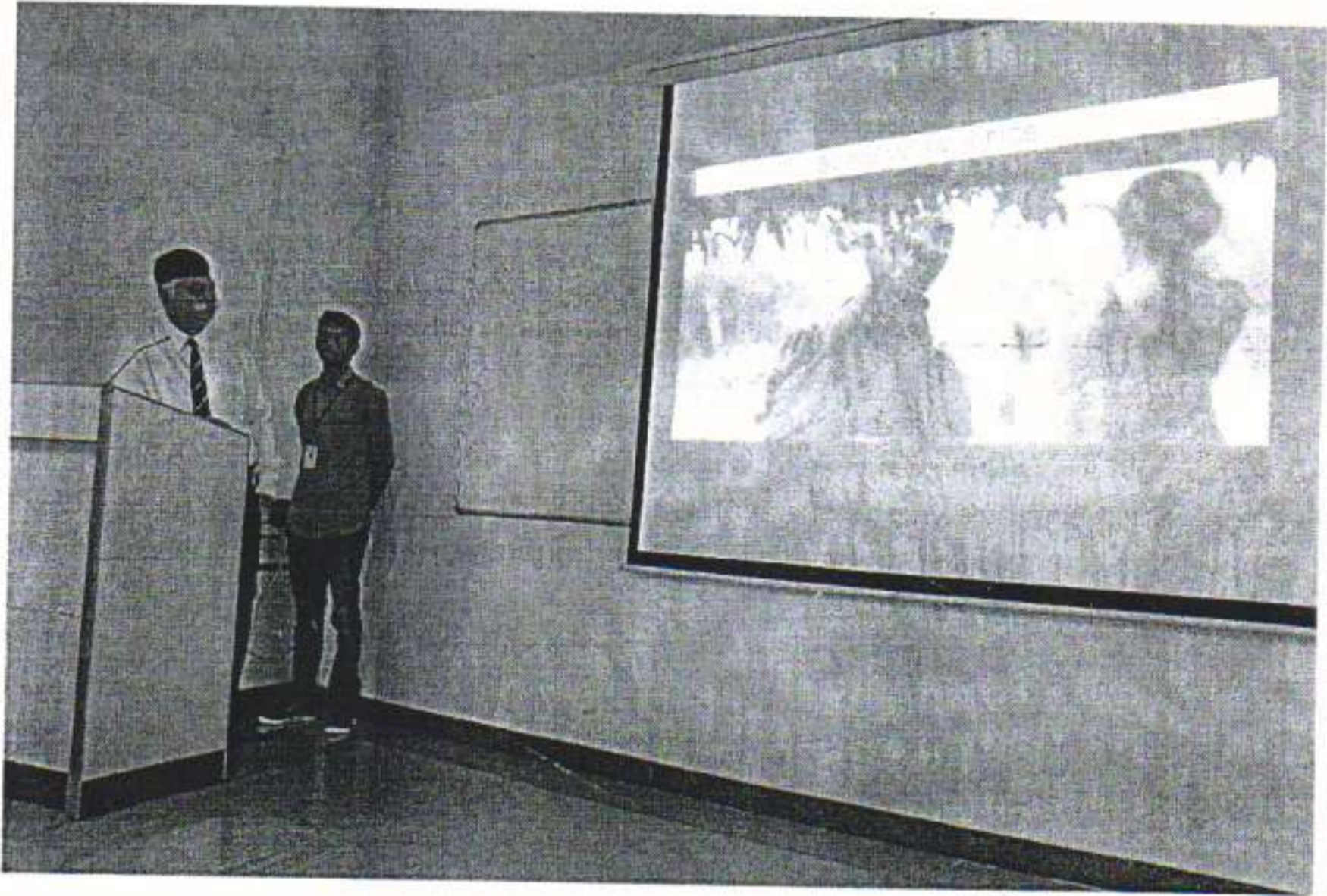


Mr. Sunil Kumar GR, Assistant professor, ECE department revealing the achievements of Col. Anshu Trivedi.

Col. Anshu Trivedi was commissioned into 8 Garhwal Rifles on 22<sup>nd</sup> December 1974. He has fought all the wars for us post-independence, taking part in Operation Blue

Star-Punjab, Operation Pawan-Srilanka, Operation Rhino-Assam, Operation Orchid-Arunachal Pradesh and Operation Vijay-J&K. His achievements continue much further.

Col. Anshu Trivedi served all over India and abroad at various ranks and different battalions. He volunteered to command 18 Garhwal rifles during the Kargil war in 1999. He has also served as an instructor at National Defense academy, Indian Military Academy, Selection Centers and Group Commander in NCC (National Cadet Corps).



**Col. Anshu Trivedi explaining every soldier's supreme sacrifice for our Nation.**

Our esteemed guest Col. Anushu Trivedi detailed the students about 5 days of selection procedure conducted by SSB selection centers. He gave a lot of information about the armed forces. He provided ample amount of information about the steps to join the Indian Defense. He shared his valuable experiences with students. He is presently training the students aspiring to join Defense forces through SSB coaching.

The talk followed along with his valuable experiences and adventures, of which mentionable are - killing two bulls with one bullet, grass stealer incident etc. motivated many of the students and they got connected with his quality of leadership in his experiences, made many students realize that soldiers are real hero of the country.

The talk followed by a discussion on the self, one's desires, dreams, passions and motivations. Students were told how important their dreams and desires are for developing the personality. It was stressed that they need to have a passion in life. Students were also given tips on how to increase their self-esteem. They were also encouraged to be optimistic

and to have a positive approach about everything in life. Most importantly, it was emphasized that they should love themselves and never to lose confidence.

Further students were shown clips from the Lakshya movie. In the clip, hero life tells us that "Don't ever let someone tell you that you can't do something. Not even me. You got a dream, you got to protect it. When people can't do something themselves, they're will tell you that you can't do it. You want something go get it."

The clip carried the message that we should never give up and should always have a strong will. We must persist to pursue dreams regardless of what may happen and not succumb to the negativity around us. The students were other motivational clips as well.

To sum up, it was a well-thought-out speech of motivating the students to discover themselves and to join our Armed Forces.

**"KEEP YOUR HEAD HIGH, GOD GIVES HIS GREATEST BATTLES TO THE STRONGEST ONES!!"**

  
Coordinator

  
Principal

  
HOBTECE



(5)

**K.S.INSTITUTE OF TECHNOLOGY, BENGALURU – 560109**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**Project Exhibition 2018-19**

**Report:**

Project exhibition for final year students along with mini project exhibition was conducted on 13 th May 2019. Inauguration of project exhibition started at 9.30am in AEC lab, Communication lab and LD lab in the esteemed presence of chief Guests along with the Principal, HOD, staff and students of ECE department.

The judge invited to evaluate were

1. Dr. K Chandrasekhar,  
Professor & Head,  
Dept. of ECE,  
Jyothi Institute of Technology,  
Bangalore.
2. Mr.Srinivasan A N  
KMD Tiny Chips , Embedded Chips,  
Region Head South. Skill India,  
Bangalore.

The students exhibited /demonstrated their working models along with the poster. There were 33 teams along with 1 mini project team, with around 3-4 students in a team. The students explained their projects, its implementation methodology and its applications to the judges. The judges selected best three projects.

The winners were:

- I Prize: SECURED ANTI-PIRACY SCREEN** under the guidance of Dr. Surekha B
- II Prize: ADSS - AUTOMATIC DRIVER SECURITY SYSTEM** under the guidance  
of Mr. Saleem S T
- SMART GUIDE AT MUSEUM** under the guidance of Mr. Praveen A
- III Prize: BIOMORPHIC HYPER-REDUNDANT ROBOT FOR DISASTER**  
**SURVEILLANCE** under the guidance of Mrs. Lakshmi H R
- CERES - AN AUTONOMOUS AND VERSATILE AGRICULTURE**  
**ROBOT** under the guidance of Mrs. Jayasudha B

Collected the feedback from the judges regarding the conduction of the project exhibition and quality of projects. The judges addressed the students and provided their valuable insights. The exhibition was concluded in the seminar hall and high tea was arranged for all the students and staff of E&C department.





*[Signature]*  
[Project Coordinators]

*[Signature]*  
[HOD]

*[Signature]* 25.5.19  
[Principal]



18-13

To,  
The Principal  
KSIT, Bengaluru

03/05/2019

Respected Sir,

Sub: Request to sanction the budget for conducting Project Exhibition

Every Year KSIT will held Project Exhibition for Final Year Students of CSE/ME/ECE/TCE Departments. The Main aim of the exhibition is to showcase and encourage students to demonstrate the innovative projects that are developed by them. It also improves their communication skills. Two judges from each department preferably from Industries will be invited. Two best projects and Two best Paper Presentation will be awarded. Mementoes and Certificates to the winners will be given. In view of this, we kindly request you to give permission to conduct the event on Monday, 13<sup>th</sup> May 2019. The proposed budget is as follows :

SL No.	Particulars	Amount in Rs.
1	Honorarium for Two Judges of each dept. (Project & Paper Presentation) , Total 4 depts = 8 judges x 2000 rs	8 x 2000 = 16,000
2	Bouquets to judges , 4 dept x 2 bouquet = 8 bouquets + 2 extra bouquets = 10 no's	10 x 150 = 1,500
3	Transportation to Judges , 8 judges	8 x 1000 = 8,000
4	Breakfast for judges & Coordinators , 8 judges + 5 Coordinators	13 x 125 = 1,625
	Printing of Banners & Certificates	6,000

6	Mementoes to Prize winners and Judges	10,000
7	Snacks for final year Students of 4 depts (samosa,tea) <i>for final year - 4 depts. 20 for students</i>	10,000
8	Lunch from KSIT Hostel to judges & coordinators	20 no's x 80 rs =1,600
9	Miscellaneous	1,000
TOTAL		55,725

**Project Coordinator's**

- 1. Mr. K Venkata Rao and Mrs. Swathi. CSE, KSIT *KVR*
- 3. Mrs. Nirmala and Mr. Anilkumar ME, KSIT *on*
- 4. Dr. Sudharshan, ECE, KSIT *1st*
- 5. Mr. Senthil Babu, TCE, KSIT *S.B.*

*Dr. B.S. Ajay Kumar*  
**Dr. B.S. Ajay Kumar**  
 Coordinator

*To = 50 / KSIT  
 for your mementoes  
 20.6.2019  
 6.5.19*

*Principal*  
**Principal**  
 6.5.19

*K. Venkatesh*  
 8.5.19

May be kindly approved

*L. Govind*  
 6/5/19

**CHIEF EXECUTIVE OFFICER  
 Member Secretary  
 Academic Advisory Board  
 K.S. Group of Institutions**

*S. M. / A. / B.S.A*  
*8.5.19*

**Two days Workshop on  
“Matlab for Signal Processing Applications”**

**19<sup>th</sup> and 20<sup>th</sup> NOVEMBER 2018**

in association with  
**CoreEL Technologies**  
Koramangala  
**Bangalore**  
and

**Institution of Electronics and Telecommunication Engineering**



**Organized by**  
**Department of Electronics and Communication Engineering**  
**&**  
**Department of Telecommunication Engineering**

**Timings: 8.30 am - 4.00 pm**  
**Venue: DSP LAB, Second Floor, Old Building, KSIT**



**K.S.INSTITUTE OF TECHNOLOGY**  
**Department of Electronics & Communication Engineering**  
**Workshop Report**



A Two days Workshop on "Matlab for Signal Processing Applications" by CoreEL Technologies, Bangalore, was arranged under the banner of IETE for B.E 5<sup>th</sup> and 7<sup>th</sup> Semester ECE & TC students on 19<sup>th</sup> and 20<sup>th</sup> October 2018 in DSP Lab, 2nd Floor, Old Building, K.S. Institute of Technology.

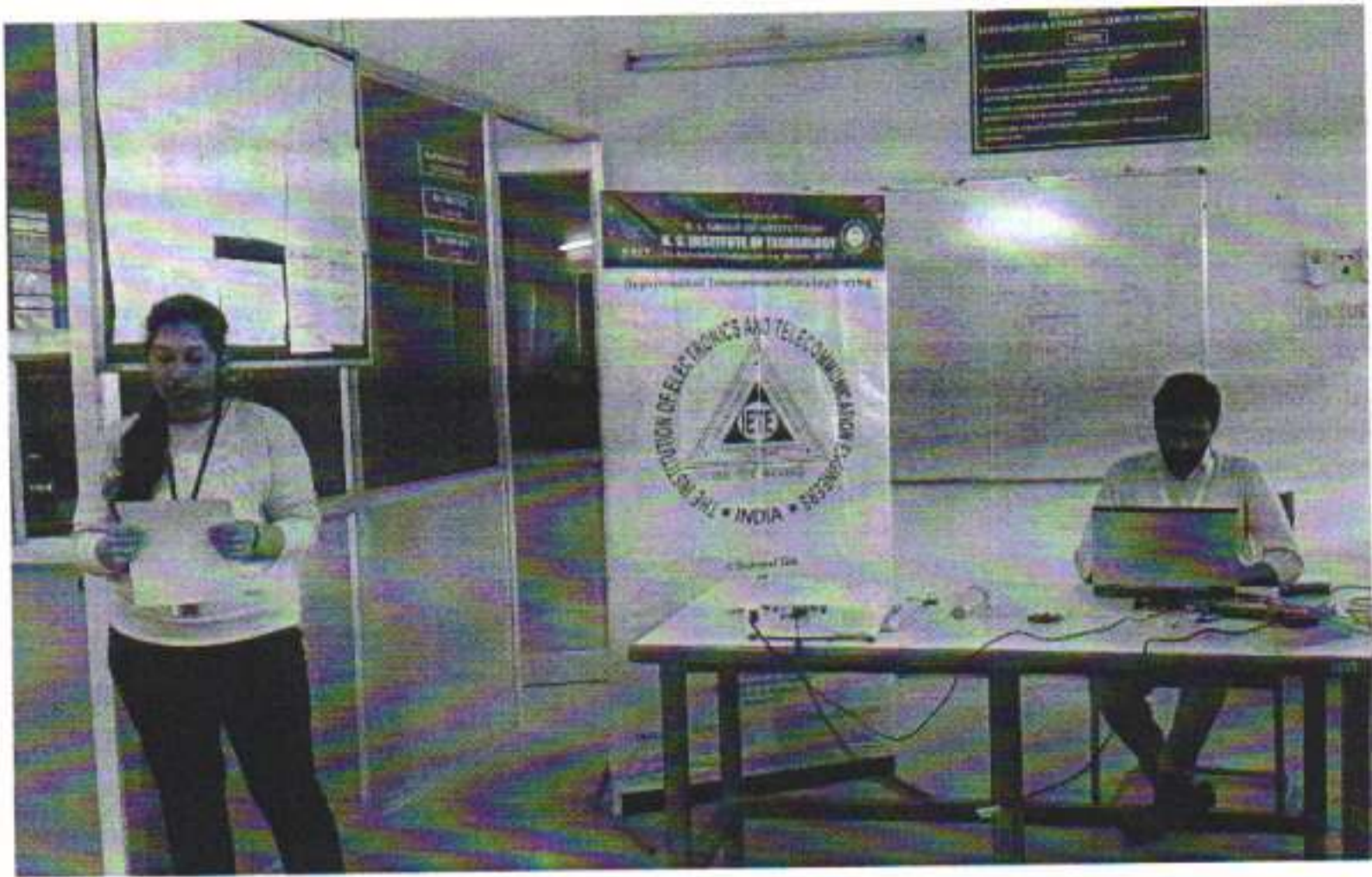
Objective of the event:

To expose the Faculty/ Research Scholars/Students in emerging technologies in the areas of Signal Processing and make them familiar with the main and latest features of the MATLAB integrated design environment and its user interfaces.

Outcomes of the event:

- This workshop provides a comprehensive introduction to the MATLAB® technical computing environment and its latest capability.
- Participants understand themes of data analysis, visualization, modelling, and programming
- Apply Matlab tools to build Model based design using Simulink
- Analyzing vectors and matrices
- Build real time algorithms based on varies toolboxes.

Srinidhi, IETE ISF coordinator, KSIT welcomed the resource persons, Principal, HOD of ECE & TCE Departments, Faculty and students for the wrkshop. Dr. B.Surekha, Professor, ECE Department introduced the speakers to the gathering.



Sinidhi, IETE ISF Coordinator welcoming the participants



Dr. PN Sudha, Professor & HoD, ECE Dept. K.S.Institute of Technology, Bangalore, welcoming Mr. Pramod Kumar Naik, Senior Application Engineer, and Mr. Mani Shankar, Application Engineer of CoreEL Technologies, Bangalore.

Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore delivered the training. In his training, he first stressed about the current role of Matlab and Signal Processing particularly their real time applications. He has discussed the following topics:

<p><b>Day 1: Fundamentals of MATLAB&amp; Simulink Topic An Introduction to CoreEL &amp; MathWorks</b></p> <p><b>Understanding MathWorks Products</b></p> <ul style="list-style-type: none"> <li>•MATLAB R2018a Introduction</li> <li>•New features &amp; modifications in R2018a</li> <li>•MATLAB software documentation</li> <li>•Introduction and features of MATLAB toolboxes</li> </ul>
<p><b>MATLAB Programming basics</b></p> <ul style="list-style-type: none"> <li>•Data addressing</li> <li>•Language fundamentals</li> <li>•Operators, Functions &amp; System objects</li> <li>•Hands on: Matrix arithmetic, import &amp; export of data, MATLABscripting.</li> </ul> <p><b>Numerical Computation</b></p> <ul style="list-style-type: none"> <li>•Matrix arithmetic</li> <li>•Equations &amp; Expressions</li> <li>•Hands on: Writing MATLAB scripts to solve the equations, tocompute the differentiations &amp; integrations.</li> </ul>
<p><b>Data Analysis &amp; visualization</b></p> <ul style="list-style-type: none"> <li>•Statistical analysis</li> <li>•Graphical visualization</li> </ul> <p>Hands on: Generation of basic waveforms and visualization, Visualization of spectrum of signal.</p>
<p><b>Model based design using Simulink</b></p> <ul style="list-style-type: none"> <li>•Introduction to mathematical &amp; physical modelling</li> <li>•Overview of Simulink block library.</li> <li>•Introduction to solvers</li> <li>•Introduction to Physical components library</li> </ul> <p>Hands on: Design of model to generate the waveforms,implementing the mathematical equations in Simulink.</p>
<p><b>Day 2: Image Signal processing &amp; Control System in MATLAB</b></p>
<p><b>Filters : Design, Analysis &amp; implementation in MATLAB</b></p> <ul style="list-style-type: none"> <li>•Hands on: Filter design using program and app, Visualizationof filter's response</li> </ul> <p><b>Speech &amp; Audio processing</b></p> <ul style="list-style-type: none"> <li>•Hands on: Importing the audio signals from hardware andfiles, Visualization of spectrum of audio signals, filteringthe audio signals.</li> </ul>
<p><b>Image processing usingMathWorks products</b></p> <ul style="list-style-type: none"> <li>•Overview of Image processing toolbox</li> <li>•Image import export &amp; type conversion</li> <li>•Geometrical transformation</li> <li>•Image enhancement</li> <li>•Image analysis</li> </ul> <p>Hands on: Import, export &amp; conversion of images, Cropping&amp; rescaling</p> <ul style="list-style-type: none"> <li>•the images, Histogram equalization of Images, Edge detection.</li> </ul>

### Control System Design & Analysis

- Learn the basics of Control System Toolbox
- Dynamic System Models
- Linear Analysis
- Control System Design & Tuning
- Matrix Computations



Mr.Promod Naik, Senior Application Engineer, Coreel Technologies, Bangalore delivering his talk



Mr.Promod Naik, Senior Application Engineer, Coreel Technologies, Bangalore training students



Hands on Session



Mr.Mani Shankar, Application Engineer, Coreel Technologies, Bangalore training students





Dr.Joy Prabhakaran P, Professor, Dept. of ECE, K.S.Institute of Technology, Bangalore, presenting memento to Mr. Promod Naik, CoReel Technologies



Dr.Surekha Borra, Professor, Dpet. of ECE, K.S.Institute of Technology, Bangalore, presenting memento to Mr. Mani Shankar, CoReel Technologies



Ms. JayaSudha Assistant Professor, Dept. of ECE, K.S.Institute of Technology, Bangalore, presenting appreciation letters to the resource persons from CoReel Technologies, Bangalore



IETE ISF Coordinators and Participants of Two days Workshop on "Matlab for Signal Processing Applications", K.S. Institute of Technology, Bangalore

A good number **34** of V and VII semester ECE & TCE students and faculty attended the lecture. The technical talk has provided the students, teachers and research scholars an exposure to basics and applications of Matlab 2018a .

Dr. B.Surekha, Professor, Dept. of ECE, KS Institute of Technology delivered vote of thanks. The Guest Lecture ended at 4 PM on 20th November 2018, and everyone left the Lab with positive feedback.



Coordinator

Dr. Surekha Borra



HOD

Dr. PN.Sudha



Principal

Dr. T.V. Givindaraju



# K.S.INSTITUTE OF TECHNOLOGY

## Department of Electronics & Communication Engineering

### Two days Workshop on "Matlab for Signal Processing Applications"

19 and 20 Nov 2018

#### ATTENDANCE

Sl. No	Name of the student	USN	Signature		Signature	
			19/11/18		20/11/18	
			FN	AN	FN	AN
1	Bhagya Shree S.J	1KS16EC015	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Ashwini.S	1KS16EC013	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Jeevika kalaashilpa N.C	1KS16EC032	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Kadar sainidhi Rao	1KS16EC034	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Niketa .B.N	1KS16EC059	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Pooja.K	1KS16EC061	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Sahana K.G	1KS16EC080	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Ramya M.S	1KS16EC071	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Likhitha.y	1KS16E041	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	Lakshmi priya .K	1KS16EC040	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Vadhiraj .R	1KS17TE07	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	Priyanka.s	1KS17TE025	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Komal khamalwal	1KS16EC036	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	DIVYALAKSHMI-6	1KS16EC026	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	DEEPA R	1KS16EC023	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	L.S.BabyRam	1KS16EC039	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Brinda.s	1KS16EC018	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	Bhoornika.P.M	1KS16EC017	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Shashi.O	1KS16EC433	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Chaitra .B	1KS15EC020	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	Kanya.M	1KS15EC039	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	Megha.V.	1KS15EC053	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	A.uday chowdary	1KS15EC002	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	V.Sangeetha	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	Jaya Subha.P.S.K	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	Dr.B.Surekha	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	Sunil KUMAR.G.R	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	Fakhrumi.H	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	Vedha.B	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	Shadhu.S.S	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	Bhargavi Ananth	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	Shilpa.V	Faculty-ECE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	Saleem.S.Jeyaramani	faculty	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	R.Nithya Kumari	faculty	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35						
36						
37						
38						
39						
40						

Signature of the coordinator

H.O.D

Principal

*[Handwritten Signature]*

*[Handwritten Signature]*  
27/11/18

*[Handwritten Signature]*  
27.11.18



**K.S.INSTITUTE OF TECHNOLOGY**  
Department of Electronics & Communication Engineering

Name of the event: Two days Workshop on "Matlab for Signal Processing Applications"

Date: /11/18 - /11/18

Venue: DSP Lab

**FEEDBACK FORM**  
**Tick the Appropriate Box(✓)**

1	How was the event organised	Very well organised	Well organised ✓	Less organised	No
2	How relevant was the event for your future tenure	Very Relevant ✓	Relevant	Less Relevant	Not
3	Effectiveness of the resource person	Very Effective ✓	Effective	Less Effective	Not
4	Interaction with resource person	Excellent ✓	Good	Average	Poor
5	Usefulness of the event	Very Useful	Useful ✓	Not Useful	



## IEEE KSIT STUDENT BRANCH



### EVENT : INTER COLLEGIATE MINI - PROJECT EXHIBITION

IEEE KSIT SB conducted Inter Collegiate Mini Project Exhibition on IEEE Day October 3<sup>rd</sup>, 2018.



Dr. K.V.A Balaji, CEO of K S Group of Institution welcoming the judge Dr.M.J.Shanthi Prasad

The IEEE student branch celebrates IEEE day every year. This year a mini project exhibition competition was conducted. The judge for Mini Project Exhibition was Dr.M.J.Shanthi Prasad, an IEEE Senior member since 4 years. He was responsible for activating the IEEE Student branches at BIT,DSCE and KSIT.



Participants explaining their mini project



Mini-Project Exhibition participants

In the project exhibition contest 18 teams took part and made it a grand success. The participants were from KSIT as well as different colleges. Each team consisted of 3 members. The students actively participated in the event by exhibiting the prototypes of their projects.

Some of the prototypes of mini-projects which were displayed in the exhibition are Audio amplifier using E-waste, Robotic Arm using Arduino, Tesla coil , Home Automation System, Mobile jammer and many more. Among all the projects Robotic Arm using Arduino , Home Automation System were selected as the best projects and the participants were awarded.



**BRANCH COUNSELOR**



**BRANCH CHAIR**

SNO	NAME	DEPT	CLASS	USN
1.	Chandu P. J	EC	5th sem	
2.	Harsha C. M	EC	5th sem	
3.	Lakshmi Praxanna	ES	3rd sem	
4.	Yaseen Ahmed	EC (AME)	3rd sem	
5.	Rithvik. P	EC	1 <sup>st</sup> sem	
6.	N. Noga Omkar	EC	1 <sup>st</sup> sem	
7.	Royyaan Mohiaddin	EC	1 <sup>st</sup> sem	
8.	Priyanka. S	TC	3 <sup>rd</sup> sem	IKS17TE028
9.	Vadhiraj. R	TC	3 <sup>rd</sup> sem	IKS17TE047
10.	Karthik. K. V	TC	3 <sup>rd</sup> sem	IKS17TE013
11.	Supriya M	CS (MSRIT)	5th sem	
12.	Kaushika B. C	CS (MSRIT)	5th sem	
13.	Harini B. K	CS (MSRIT)	5th sem	
14.	Srikala K. M	CS	3 <sup>rd</sup> sem	
15.	Pooja R	CS	3 <sup>rd</sup> sem	
16.	Swathi Pai	CS	3 <sup>rd</sup> sem	
17.	Yashawini. R	EC	3 <sup>rd</sup> sem	
18.	Ritu Patel	EC	3 <sup>rd</sup> sem	
19.	Vidya V	EC	3 <sup>rd</sup> sem	
20.	Arpitha. N	EC	3 <sup>rd</sup> sem	
21.	Anushree M	EC	3 <sup>rd</sup> sem	
22.	Anusha. H	EC	3 <sup>rd</sup> sem	
23.	Sri Vidhya V. R	EC	3 <sup>rd</sup> sem	
24.	Sushmitha K. N	EC	3 <sup>rd</sup> sem	
25.	Krithika. P	EC	3 <sup>rd</sup> sem	
26.	Chethan. G	} EC	} 3 <sup>rd</sup> sem	
27.	Gagan Kumar			
28.	G. Kishore			



S.NO	NAME	DEPT	CLASS CLG	VEN CLG
1	ARCHANA KN	EC, 7 <sup>th</sup>	KSIT	
2	ALEKHYA RAGHUNATH	EC, 7 <sup>th</sup>	KSIT	
3	ASHWINI S	EC, 5 <sup>th</sup>	KSIT	KSIGEC013
4	BHAGYASHREE SJ	EC, 5 <sup>th</sup>	KSIT	KSIGEC015
5	RUCHITHA G K	3rd C	KSIT	
6	SUPREETHA		KSIT	
7	DISHA S	EC, 3 <sup>rd</sup>	KSIT	
8	ARESHA R K	EC, 3 <sup>rd</sup>	KSIT	
9	DIVYA VASHASNI		KSIT	
10	KUNNEY		KSIT	
11	SPOORTHI R		KSIT	
12	SPOORTHI V		KSIT	
13	THANUSHREE		KSIT	
14	VAISHNAVI		KSIT	
15	ROOPASHREE N		KSIT	
16	SAI SNEHA SV	3rd CS	KSIT	
17	MEGHANA CV		KSIT	
18	NIKITA KATARI	3rd CS	KSIT	
19	HITASHREE V	3rd CS		
20	MEGHANA G			Rajarajeshwari
21	LAKSHMI PRASANNA	EC	KSIT	
22	YASEEN		AMC	
23	SUSHMA TS			Sai Ram
24	MEGHANAK			Ug of engineering

Dms  
5/10/18

SLNO	NAME	DEPT	CLASS	USN
29	Nikita Kalari	CS	3 <sup>rd</sup> sem	
30	Meghana C.V	CS	3 <sup>rd</sup> sem	
31	Harshitha V	CS	3 <sup>rd</sup> sem	
32	Madhu S	EC	3 <sup>rd</sup> sem	
33	Kamravar Sushma	EC	3 <sup>rd</sup> sem	
34	Anitha R	EC	3 <sup>rd</sup> sem	
35	Rahul	EC	3 <sup>rd</sup> sem	
36	Shreyas	EC	3 <sup>rd</sup> sem	
37	Pavan	EC	3 <sup>rd</sup> sem	
38	Sunaina Nayak	CS	1 <sup>st</sup> sem	
39	Vishnu Pray D	CS	1 <sup>st</sup> sem	
40	Ruba Abdul Rahman	CS	1 <sup>st</sup> sem	
41	Saurav Maram	CS	1 <sup>st</sup> sem	
42	Prajwal A	TC	3 <sup>rd</sup> sem	
43	Abhijith Sudhir	EC	3 <sup>rd</sup> sem	
44	Amoghavaraha P	EC	3 <sup>rd</sup> sem	
45	Sudarshan	EC	3 <sup>rd</sup> sem	
46	Charan Sai	EC	3 <sup>rd</sup> sem	
47	Teevan Gowda	EC	3 <sup>rd</sup> sem	
48	Manoj E	EC	3 <sup>rd</sup> sem	
50	Shreisha M	EC	3 <sup>rd</sup> sem	
51	Bhavana J	EC	3 <sup>rd</sup> sem	
52	Suvarali G S	EC	3 <sup>rd</sup> sem	

S.No	NAME	DEPT	CLASS	USN
①	TEJAS	ECE	5B	1K516EC103
②	SHREYASHWINI .V	ECE	5B	1K516EC089
③	SADHVIKA CHANDRA P	ECE	5B	1K516EC078
④	SARAH AHMED	ECE	5B	1K516EC083
⑤	RAMYA MS	ECE	5B	1K516EC071
⑥	SKANDA N	ECE	5B	1K516EC092
⑦	T.G NITHYA	ECE	5B	1K516EC102
⑧	PRATHUSHA .S.A	ECE	5B	1K516EC064
⑨	SPURTHI MK	ECE	5B	1K516EC095
⑩	SONIKA	ECE	5B	1K516EC094
⑪	SAI TARUN	ECE	5B	1K516EC081
⑫	SUHAS MV	ECE	5B	1K516EC098
⑬	SHEETHAL J RAO	ECE	5B	1K516EC085
⑭	SUMA B S	ECE	5B	1K516EC099
⑮	SHREYAS	ECE	5B	1K516EC088
⑯	SAURAV	ECE	5B	1K516EC084
⑰	SUHAS K	ECE	5B	1K516EC097
⑱	S SHWETHA	ECE	5B	1K516EC076
⑲	VINAY N	ECE	5B	1K516EC112
⑳	POOJA K	ECE	5B	1K516EC061
㉑	LAKSHMIPRIYA K	ECE	5A	1K516EC040
㉒	KARTHIK K	ECE	5A	1K516EC035
㉓	PRAVEEN T NAIK	ECE	5B	1K516EC065
㉔	BHOOMIKA PM	ECE	5A	1K516EC017

SINO	NAME	DEPT	CLASS	USN
(25)	VISMITHA SS	ECE	5B	1KS16EC115
(26)	VIVEK P	ECE	5B	1KS16EC116
(27)	SHYLESH RAJ	ECE	5B	1KS16EC091
(28)	SHRINIDHI N.S	ECE	5B	1KS16EC090
(29)	RASHMI S	ECE	5B	1KS16EC072
(30)	VASUDEV VPADHYAKS	ECE	5B	1KS16EC106
(31)	PRIYA S	ECE	5B	1KS16EC067
(32)	ONKAR MISHRA	ECE	5B	1KS16EC060
(33)	SHREYA SRINIVAS	ECE	5B	1KS16EC087
(34)	BRUNDAS	ECE	5A	1KS16EC018
(35)	ABHISHEB KV	ECE	3A	1KS17EC001
(36)	ANAGHA A KASHYAP	ECE	3A	1KS17EC008
(37)	ANUSHA	ECE	3A	1KS17EC012 M
(38)	ARPITHA	ECE	3A	1KS17EC016 M
(39)	ANUSHREEM	ECE	3A	1KS17EC013 M
(40)	ANITHA	ECE	3A	1KS17EC009 M
(41)	AKSHITHA VRAMESH	ECE	3A	1KS17EC004
(42)	AMULYA S IYENGAR	ECE	3A	1KS17EC006
(43)	APRISHA RAVIKUMAR	ECE	3A	1KS17EC015 P.
(44)	BHAVANA J	ECE	3A	1KS17EC021
(45)	SIRISHA M	ECE	3B	1KS17EC050 M
(46)	SURABHI G S	ECE	3B	1KS17EC040 M
(47)	CHETHAN G	ECE	3A	1KS17EC027 M
(48)	GAGAN KUNAGG	ECE	3A	1KS17EC037 M
(49)	KISHORF	ECE	3A	M

SL NO	NAME	DEPT	CLASS	USN
50	BD SHREENIDHI	ECE	3A	1KS17EC019
51	H G SHRINIDHI	ECE	3A	1KS17EC041
52	AKSHAY VL	ECE	3A	1KS17EC003
53	ABIJITH SUDHIR	ECE	3A	1KS17EC002
54	AMOGHAVARSHA ND	ECE	3A	1KS17EC005
55	DEVALE SUDARSHAN	ECE	3A	1KS17EC031
56	DISHA S	ECE	3A	1KS17EC035 P.
57	ASIYA	ECE	3A	1KS17EC017 M.
58	DIVYA	ECE	3A	1KS17EC036
59	CHARAN M	ECE	3A	1KS17EC025
60	SHREYA	ECE	3B	1KS17EC043
61	CHATHRA	ECE	3A	1KS17EC024
62	KRITHIKA P	ECE	3A	1KS17EC045 M.
63	CHETHANA PRASAD K	ECE	3A	1KS17EC029
64	JEEVAN RS M	ECE	3A	1KS17EC042
65	ANOO P	ECE	3A	1KS17EC010
66	BHAVANA BS	ECE	3A	1KS17EC020 M.
67	CHETHANA K S	ECE	3A	1KS17EC028
68	AYESHA	ECE	3A	1KS17EC018
69	BHOOMIKA	ECE	3A	1KS17EC022
70	MADHU S	ECE	3A	1KS17EC057 M.
71	RAHUL R NADIG	EC	3B	1KS17EC076 M.
72	SHREYAS HR	EC	3B	1KS17EC090 M.
73	PAVAN PRASAD R	EC	3B	1KS17EC067 M.

SL NO	NAME	DEPT	CLASS	USN
74	SRI VIDYA VR	EE	3B	1KS17EC092 M
75	SUCHMITHA KN	EE	3B	1KS17EC096 M
76	RITU PATIL	EE	3B	1KS17EC079 M
77	YASHASWINI K	EE	3B	1KS17EC105 M
78	VIDYA	EE	3B	1KS17EC103 M
79	MANOJ E	EE	3B	1KS17EC054 M
80	CHADU PJ	EE	5A	1KS17EC405 M
81	HARSHA CM	EE	5B	1KS17EC407 M
82	SACHIN M G	EE	5B	
83	RAVITEJA M	EE	5B	1KS16EC077
84	PRATHAM KUMAR D	EE	5B	1KS16EC074
85	DEVAYANI	EE	3A	1KS16EC062
86	CUSHMA	EE	3A	1KS17EC032
87	Nagalikha R	CSE	5A	1KS17EC044 M
88	Mythuresh	CSE	5A	1KS16CS049 1KS16CS048

2

K. S. Institute of Technology

Bangalore - 109



**KSIT**  
K. S. INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication  
Engineering

&

GARUT Aero-Modeling Club

Presents

# Two Day Workshop on Quadcopter

In

Association with

**Skyfi**  
labs

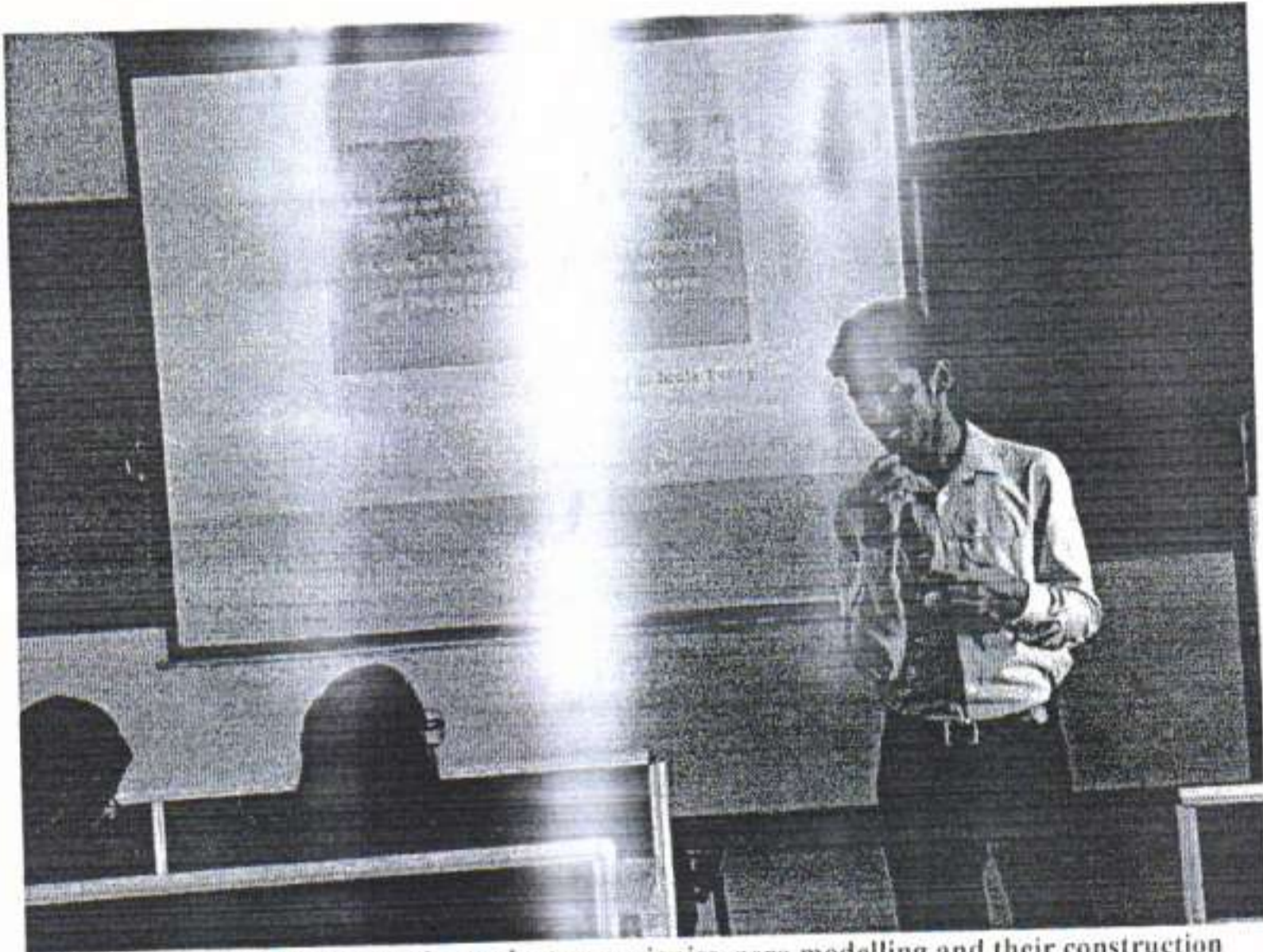
Dates: 1<sup>st</sup> & 2<sup>nd</sup> Sept 2018 Timings: 9:00 am to 4:30 pm

Venue: ECE seminar hall (OB)

Quadcopter is a multi rotor helicopter that is lifted and propelled by four rotors. They generally use two pairs of identical fixed pitched propellers; two clockwise (CW) and two counter clockwise (CCW). They are used in Research platform, military and law enforcement, photography, blood/organ donation delivery in case of emergencies etc.

The workshop was commenced by welcoming the resource person, Mr. Shankarsan, resource person from Skyfi Labs. The workshop was carried out under three sessions:

### Session 1: INTRODUCTION



Mr. Shankarsan educating the students on avionics, aero modelling and their construction

Introduction to avionics, aerodynamics, building of quadcopters, designing and fabrication was taught from the foreword. A Quadcopter usually has two pairs of identical fixed pitched propellers; two clockwise (CW) and two counter clockwise (CCW). These use independent variation of the speed of each rotor to achieve control. By changing the speed of each rotor, it is possible to specially generate a desired total thrust; to locate for the centre of thrust both laterally and longitudinally; and to create a desired total torque, or turning force.



### Session 2: BUILDING

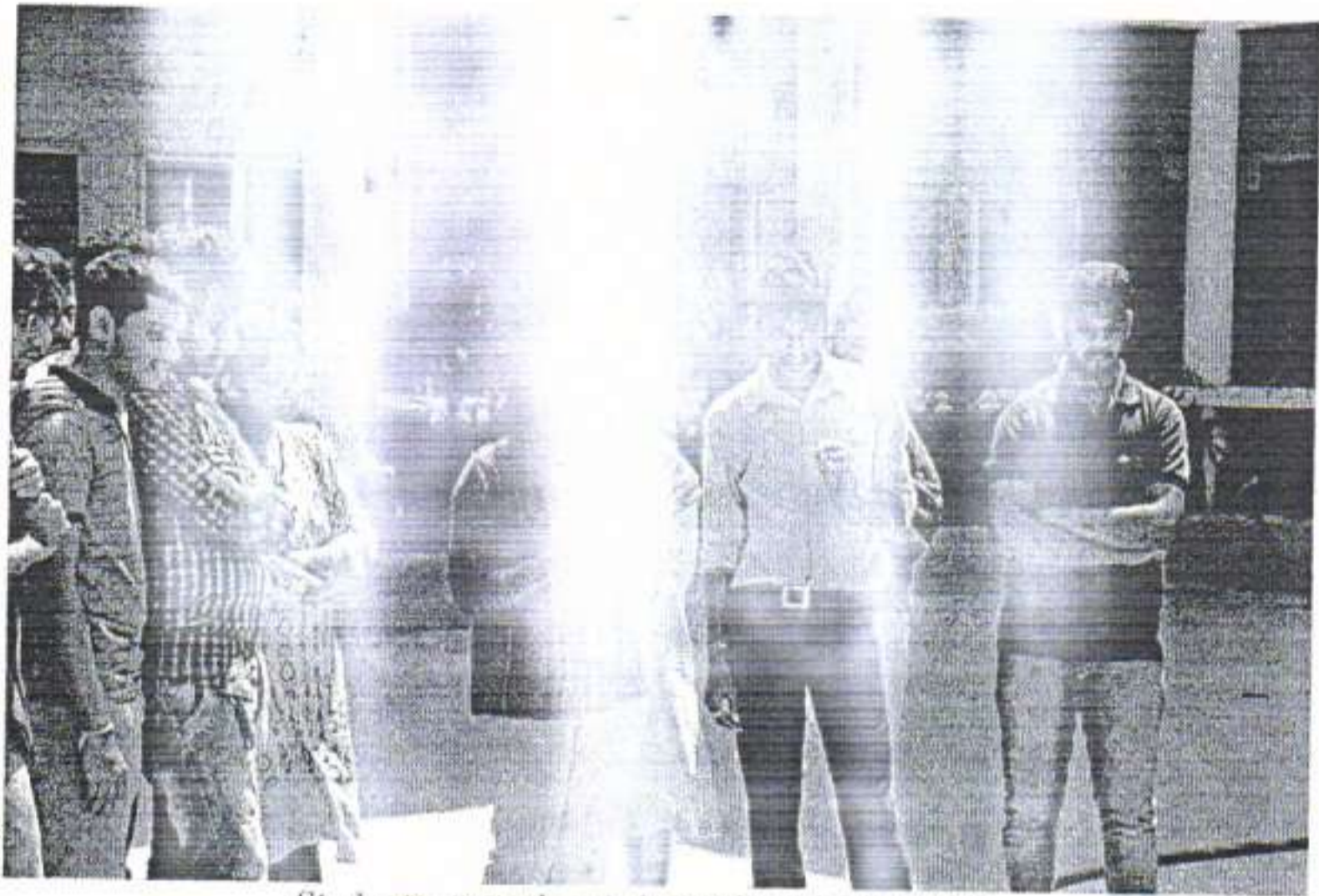
Students were given the components to build the quadcopter and were taught to drill and fix the base. The trainer explained about each component and its function. The students learnt about the components and their uses. The trainer explained about the components and their uses.



Students involved in building their Quadcopter.

### Session 3: TESTING

In this session the students were given with KK board (version 2.1.5) and were taught how to dump the code on to the kit, later trainer taught them how to use the KK board and change the settings as per requirements, all the students did as instructed by the trainer. Students were given batteries (LIPO 2200 mAh, 11.1 volts) and were instructed to connect them to the circuits; one last check was done by the trainer before it went for flying. The trainer also taught students to connect the quadcopter with the trans-receiver unit and how to test it.



Students preparing their quadcopter for flying

The triumph vision of the quadcopter fly high was exuberant and the proficiency acquired by GARUTS fulfilled their expectations through the workshop.

  
Coordinator

  
Principal

  
HOD/ECE

Date: 25.08.2018

To,  
The Principal  
KSIT, Bengaluru.

Through,  
The Head  
Dept. of ECE

Respected Sir,

**Subject:** Requesting permission and approval for conducting two-day workshop on quad rotor.

In view of keeping abreast with new technology; the department of Electronics & Communication would like to organize two day workshop on 'quad rotor' starting from 1 Sept 2018 to 2 Sept 2018.

This will be an inter-disciplinary workshop, where students from various branches can participate as a team to understand the theory behind quad rotor. This work shop will also help students to take up final year project on quad rotor.

In this regard, to meet the workshop expenditure we are collecting Rs. 1400/- per student. The split up of the expenditure is as shown below. We do not require any financial assistance from management but do require permission to organize the workshop in our college. So please permit us to organize the workshop.

Expected amount of credit:

Participants	No. of Entries	Cost per Head	Total Amount in Rs.
Students of all branches & Semesters	(5 students * 8 teams) = 50	1,400	56,000

Expected Expenditure:

Sl. No.	Particulars	No. of Particulars/Persons	Cost per Piece/Head	Total Amount in Rs.
1.	Trainer Fee	5 students*8 teams = 40	1300	52,000
2.	Resource Persons Lunch	3 persons * 2 days = 6	150	900
3.	Banners+ posters	-	-	600
4.	Inauguration	-	-	500
5.	Tea+Snacks	-	-	1500
6.	Miscellaneous	-	-	500
<b>Total Amount</b>				<b>56,000</b>

Coordinator:

*Sunil Kumar G R*  
25/8/18  
Sunil Kumar G R

*[Signature]*  
HOD 25/8

TWO DAY WORKSHOP ON QUAD-COPTERS

DATE: 1ST & 2ND SEPTEMBER 2018

SL. NO.	Name	Email	College	Phone number	UJN or Registration Number	Sem	9/1/2018	9/2/2018
1	Priya S	spriya.krishnan@gmail.com	Apex Hi-tech Institute	9901001184	Other College		S. Princy	S. Princy
2	Shreya M Prasanika	mstreyas21th@gmail.com	Dayanand saraf university	8105897925	Other College	5th	Shreya	Shreya
3	Y. Akash	akashyashankandla29@gmail.com	G pulliah college of engineering and technology	9325171263	Other College	Fifth	Y. Akash	Y. Akash
4	Vamsikrishna	vamsikrishnaalivel@gmail.com	G pulliah college of engineering & technology	8300676202	Other College	5	Aravind	Aravind
5	Jayanth	bjky0087@gmail.com	G pulliah college of engineering and technology	9542034308	Other College	Fifth	Jayanth	Jayanth
14	SHUBHA H G	shubha01high@gmail.com	KS SCHOOL OF ENGINEERING AND MANAGEMENT	7753107052	1KG17EC077	3RD	Shubha	Shubha
6	Shylesh Raj I D	shyleshid1210@gmail.com	KSIT	7802993858	1KS16EC091	5th sem	Shylesh	Shylesh
7	DEVIYANI G	deviyaniwit@gmail.com	KSIT	9739848707	1KS17EC032	3rd SEM A SECTION	Deviyani	Deviyani
8	Ananya Anarith	ananyaananth006@gmail.com	KSIT	9449720138	New Student	1st sem	Ananya	Ananya
9	Divya Yashaswi Kannoy	disney.kstow@gmail.com	KSIT	9663691519	1KS17C5073	3	Divya	Divya
10	BHOOMIKA PK	kulkarnibhoomika16@gmail.com	KSIT	7819614437	1KS17EC022	2nd SEM 'A' SEC	Bhoomika	Bhoomika
11	K Prathibha	kannanprathibha01@gmail.com	KSIT	8073273644	New Student	1st	Prathibha	Prathibha
12	KAMNOOR SUSHMA	sushma.kamnoor@gmail.com	KSIT	9988750343	1KS17EC044	3rd Sem A sec	Sushma	Sushma
15	Neha NV	nehavngowda@gmail.com	KSIT	9663445535	1KS16EC058	5	Neha	Neha
16	PARIKSHITH S	parikshin200@gmail.com	KSIT	944909FC05	New Student	1st	Parikshith	Parikshith
17	B M DHANUSH	dhanushansociates@yahoo.com	KSIT	8105712176	New Student	1st Sem	B M Dhanush	B M Dhanush
18	Vasudev upadhyas	vasudev.upadhyas10@gmail.com	KSIT	7795509340	1KS16EC106	5th	Vasudev	Vasudev
19	Vignesh Kumar V	vignesh.28.vi@gmail.com	KSIT	9832511967	1KS16EC111	5th	Vignesh	Vignesh
20	Skanda N	skanda.1998@gmail.com	KSIT	7353337295	1Ka16ec092	5th	Skanda	Skanda
21	Bhargav p	ironmanbhargavi@gmail.com	KSIT	9886964300	New Student	1st	Bhargav	Bhargav
22	Rohith	balakrishnan_santhoshi@yahoo.com	KSIT	914885058	New Student	1	Rohith	Rohith
13	BINDU J	bindulanke@gmail.com	KSIT	9945630448	1KS17EC023	3 Sem A section	Bindu	Bindu
23	Shrinidhi N S	n.s.srinidhi1908@gmail.com	KSIT	9665216880	1KS16EC090	5	Shrinidhi	Shrinidhi
24	Ruthvik R	ruthvikgowda@hotmail.com	KSSEM	7204132835	Other College	1st	Ruthvik	Ruthvik
25	P Manu Upadhyas	manuupadhyas@gmail.com	SJB INSTITUTE OF TECHNOLOGY	9611345605	1jb16is065	5th	Manu	Manu
26	Hari Ram	harivignesh402@gmail.com	St peters institute of higher education and research	9942228744	Other College	7th		
27	Joyal	joyalthermus996@gmail.com	St.Peters Institute of Higher Education and Research	8848766907	Other College	7th		
28	Bharathi	bharathibindhu15@gmail.com	St peters institute of higher education and research	9942228744	Other College	7th		
29	Carolyn G	carolyncaddy49@gmail.com	St Peters Institute of Higher Education and Research	9884966419	Other College	7		

*Princy*

*Princy*

The Principal  
K.S.Institute.of Technology,  
No: 14, Raghuvanahalli,  
Kanakapura Road,  
Bangalore :560109  
Date: 18<sup>th</sup> August 2018

Dear Sir,

Sub: Permission to conduct classes on Programming and Logic Skills-reg.,

We, the members of IEEE KSIT SB would like to conduct classes on the "Programming & Logic Design Skills" under the guidance of Dr.R.Joy Prabhakaran. We request you to grant us permission to conduct the classes after the college hours (4:00pm to 7:00pm) on Tuesdays.

VENUE: ECE Seminar Hall  
From: 21-8-18, To: 20-10-18

Yours Sincerely,

IEEE KSIT SB

*[Signature]*  
Branch Chair

*[Signature]*  
Branch Counselor

Forwarded  
to Principal Sir  
for permission

*[Signature]*  
18/8

Sachin Instructor EC dept  
will be taking the responsibility  
of Seminar hall.

*[Signature]*  
20.8.18

Copy: Sachin



## IEEE KSIT STUDENT BRANCH

EVENT : PROGRAMMING & LOGIC SKILLS



IEEE KSIT started with their first technical event for the year 2018-2019 with a motive of benefiting the 3<sup>rd</sup> & 4<sup>th</sup> year students.

A technical workshop on Programming & Logical skills was conducted for the students in order to build their resumes at the time of placements. The resource person was Dr Joyprabhakaran. The students were enthusiastic, keen on learning and upgrading their skills. The workshop was conducted from 21<sup>st</sup> August, 2018 to 19<sup>th</sup> September, 2018 for the 4<sup>th</sup> year students.

This is the report about the first class held on 21<sup>st</sup> August. The course started with a basic introduction of the C language & activities were conducted for the students to help them learn better. The outcomes of the course was also conveyed to the students.



**Dr Joyprabhakaran Sir guiding the students    Students being involved with enthusiasm**

Nearly 40 students attended the event to improve their programming and logical skills. The day ended up with a positive response from the students towards the course which motivated them in building up their futures.

IEEE KSIT in coordination with the EC department is overwhelmed with the response from the students & are happy in continuing the same in future.

  
**BRANCH COUNSELOR**

  
**BRANCH CHAIR**

## FDP Report On

### “Aspects of Effective Programming and Research”

16<sup>th</sup> – 18<sup>th</sup> Jan 2019

K.S. School of Engineering & Management and K.S. Institute of Technology, Bangalore in association with KSIT IEEE SB organized a 3 days Faculty Development Programme on ‘Aspects of Effective Programming and Research’ from 16<sup>th</sup> -18<sup>th</sup> January, 2019 at KSSEM. The FDP was attended by faculty from various colleges.

#### DAY 1(16/01/19)



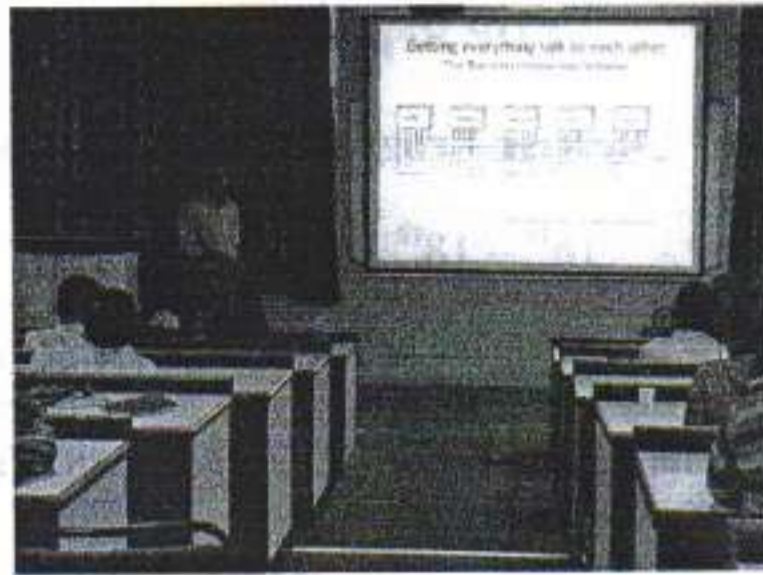
The FDP was inaugurated by DR. K.V.A. Balaji, CEO, K S Group of Institutions, Dr. B K Raghavendra, HOD, Dept. of CSE, KSSEM, Dr. Vijayalakshmi Akella, HOD, Dept. of Civil Engineering, KSSEM

Dr. Joy P Prabhakaran, Key Resource Person, K S Group of Institutions, discussed the aspects of programming using C. He gave various problems and discussed multiple solutions and how to apply the algorithms to various problems. The participants from all branches were interactive through the session.

#### DAY 2(17/01/19)

##### Session – 1

Dr. Joy P Prabhakaran, discussed about the computer architecture starting from switches all the way to the mother board.



#### Session – 2

He discussed the various commercially available microprocessors and controllers and demonstrated the controlling of hardware ports using c programming.

#### Session – 3

Dr. Ram P Rustagi, Key Resource Person, K S Group of Institutions, discussed the basics of Machine Learning (ML). He discussed the meaning, scope and applications of Machine Learning. The concepts covered were

- Learning categories – Supervised, Unsupervised, Reinforced learning
- Applications of ML
- Classification vs Regression
- Estimating hypothesis
- Issues in ML

#### Session-4

The topics covered by Dr. Ram P Rustagi were

- Instance based learning
- kNN algorithm
- Distance weighted kNN
- Probabilities

### **DAY 3(18/01/19)**

#### Session-1

The topics covered by Dr. Ram P Rustagi were

- Decision Tree with examples
- Entropy
- Information Gain





#### Session-2

The session was held in Computer Lab. The topics covered by Dr. Ram P Rustagi were

- Overview of Cybersecurity
- Reasons for breach
- Phishing, Browsing, Social Engg, Passwords
- Accessing websites: HTTP vs HTTPS

#### Session – 3

The topics covered by Dr. Ram P Rustagi were

- Mixed content websites
- Using emails
- Authentication with websites

#### Session – 4

The topics covered by Dr. Ram P Rustagi were

- MITM attacks
- Secure technologies to use
- Do's and dont's - Security measures

There was Hands-on Session to demonstrate the Man-in-the-middle Attack, identifying fake and insecure websites.

#### Valedictory session

The valedictory session was held on 18/1/19 at 3.00 pm. The session was chaired by Dr. K N B Murthy, Vice Chancellor, PES University, Bangalore. He addressed the gathering and highlighted the importance of research and good teaching practices. He congratulated the K.S. Group of Institutions for successfully organizing the FDP. Certificates to the participants were issued by the dignitaries.



Dr. K N B Murthy addressing the participants in Valedictory session



Submitted by

Dr. P.N.Sudha

Dr. Surekha Borra

Jayasudha B S K

Bhargavi Ananth


Sahana Salagare

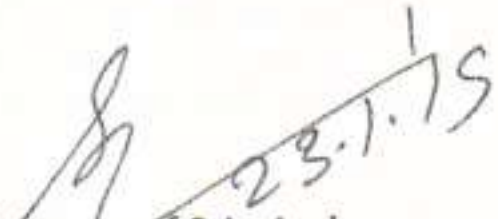
Lakshmi. H.R

Sangeetha.V

Nithya Kumari

Saleem S Tevaramani

  
Signature of HOD

  
Signature of Principal

To

25-09-2019

The Principal,  
K.S. Institute of Technology,  
Bangalore

Sir

Subject: Requisition for arranging a Technical Talk

Mr. Gurusharan an Alumni of our institute presently working as entrepreneur and has established a company by name "PATHFINDERNRI". He has come forward to deliver a talk on Motivational talk on "Entrepreneur's life & Career Opportunity". This topic is very useful to our pre final year students. Hence I request you to permit us for arranging the talk on 27<sup>th</sup> September 2019 at 2.30 PM in EC Seminar Hall.

*V E Student*

The approximate expenditure for arranging the talk is as follows

Sl No.	Particulars	Quantity	Amount in Rs.
1	Transport	1	1000
2	Bouquet	1	100
3	Memento	1	500
4	Dinner	1	500
5	Color Brochures	10*15	150
Total in Rs			2,250

*Spec-4*  
*1000/-*  
*100/-*  
*500/-*  
*500/-*  
*100/-*  
*A. 1753/-*

Please approve and do the needful

Thanking you

Coordinator:

*Pravin K S*

*So the right  
for kind approval*  
*A. 25.9.19*

*K. Venkatesh*  
*10.5.10.19.*  
*S m / M / HOD*  
*EC*  
*25.10.19*

*D. Suresh*  
*25/9/19*  
Yours Faithfully

HOD EC

*31/10/19*

To  
The Principal  
K.S.Institute of Technology  
Bangalore

Date: 23-10-2019

Through  
The HOD, EC Dewpartment

Respected Sir

Subject: Expenditure statement of Entrepreneurs Life and Career opportunity

With reference to the above subject I would like to bring to your notice that the following is the expenditure statement of the talk 'Entrepreneurs Life and Career opportunity' on 27<sup>th</sup> September 2019

Sl. No	Particulars	Amount
01	Transport for Resource person KSIT Voucher no.7658 Dated 27-09-19	1000/-
02	Mementoes Sai Shree Novelty Bill No.13097 Dated 26-09-2019	450/-
03	Saplins 02 Numbers	100/-
04	Refreshment Shanvika Uphar No.210 Dated 27-09-2019	103/-
05	Posters 02 numbers Vo.456 Dated: 20-09-2019	100/-
Total ( One thousand seven hundred and fifty three only )		1753/-

Please approve the expenditure statement and oblige

Thanking You

SM/OC  
23.10.19

Yours Faithfully



Santhosh Kumar.B.R  
Department of ECE



## K.S.INSTITUTE OF TECHNOLOGY

Department of Electronics & Communication Engg.

### Report on ' Entrepreneur's Life & Career opportunity'

Mr.Gurusharan an Alumni of our institute delivered talk on" Entrepreneur's Life & Career opportunity " for the Fifth Semester EC students in the EC Seminar hall on 27<sup>th</sup> September 2019 between 2.30 pm and 4.00 pm. The number of students attended the talk was **78** (seventy eight). Mr.Gurusharan graduated in the year 2014 in Electronics & Communication Engineering. Then completed his Master's degree in Electrical & Computer Engineering from University of Florida in the year 2016. Currently he is running consultancy 'Path Finder' for the benefit of Engineering Graduates. Mr.B.R.Santhosh Kumar., Associate Professor in the department of ECE welcomed everybody for the talk and also introduced the speaker. Then Mr.Gurusharan presented the talk on " Entrepreneur's Life & Career opportunity "



Mr.Gurusharan Presenting the Talk



Presentation Slides of Mr.Gurusharan

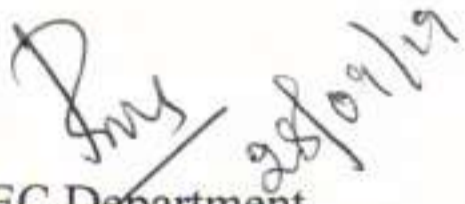
He said in his presentation that to become an entrepreneur one should have the dedication and zeal to work for achieving the successes. He mentioned the benefits of becoming an entrepreneur and also about the career growth. He shared all his experience and motivated the students to become Entrepreneurs..



Presenting Memento to the speaker

The talk was concluded by presenting a memento to the speaker and vote of Thanks by Mr.B.R.Santhosh Kumar.

  
Coordinator ECE Department

  
HOD/EC Department

  
22.10.19

**K.S.INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.**

LIST OF STUDENTS STUDYING IN V SEMESTER FOR THE ACADEMIC YEAR - 2019 (ODD SEMESTER)

**TALK ON 'Entrepreneurship and Carrier opportunities'**

**SECTION : A**

Venue : EC Seminar Hall

Date 27/9/2019

Time : 2.00 pm to 4.00 pm

SL.NO	USN	NAME OF THE STUDENT	
1	1KS16EC001	A.YESWANTH	
2	1KS16EC038	KSHITIZ GURUNG	
3	1KS16EC068	PURUSHOTHAMA.V	
4	1KS16EC086	SHIVDATT .B	
5	1KS16EC113	VINAYAK.Y.BAJANTRI	
6	1KS17EC001	ABHISHEK.K.V	Abhishek
7	1KS17EC002	ABIJITH SUDHIR	Abijith
8	1KS17EC003	AKKSHAY.U.L	Akshay
9	1KS17EC004	AKSHITHA.V.RAMESH	Akshitha
10	1KS17EC005	AMOGHAVARSHA.N.D	Amogh
11	1KS17EC006	AMULYA.S.IYENGAR	Amulya
12	1KS17EC007	ANA EPSIBA.F	
13	1KS17EC008	ANAGHA.A.KASHYAP	
14	1KS17EC009	ANITHA.R	Anitha R.
15	1KS17EC010	ANOOP DEEKSHITH.R	Anoop
16	1KS17EC011	ANUPAM.M.L	
17	1KS17EC012	ANUSHA.L	
18	1KS17EC013	ANUSHREE.M	
19	1KS17EC014	ANUSHRI.V.K	
20	1KS17EC015	APEKSHA RAVI KUMAR	Apeksha
21	1KS17EC016	ARPITHA	
22	1KS17EC017	ASIYA FATHIMA.N	
23	1KS17EC018	AYESHA ROSHEEN	
24	1KS17EC019	B.D.SHREENIDHI	B.D. Shreenidhi
25	1KS17EC020	BHAVANA.B.S	Bhavana
26	1KS17EC021	BHAVANA.J	Bhavana
27	1KS17EC022	BHOOMIKA.P.K	Bhoomika
28	1KS17EC023	BINDU.J	Bindu
29	1KS17EC024	CHAITHRA.V.M	Chaithra
30	1KS17EC025	CHARAN SAI.Y	
31	1KS17EC026	CHETHAN.D.R	
32	1KS17EC027	CHETHAN.G	
33	1KS17EC028	CHETHANA.K.S	Chethana K.S.
34	1KS17EC029	CHETHANA PRASAD.K	Chethana
35	1KS17EC030	DARSHAN.T.G	Darshan
36	1KS17EC031	DEVALE SUDARSHAN	Devala
37	1KS17EC032	DEVIYANI.G	Deviyani
38	1KS17EC033	DHAKSHITH.N.K	
39	1KS17EC035	DISHA.S	
40	1KS17EC036	DIVYA.T.M	
41	1KS17EC037	GAGAN KUMAR.G	
42	1KS17EC038	GOPINATH.H.C	
43	1KS17EC039	GOWTHAM.B	
44	1KS17EC040	G.S.SURABHI	G.S. Surabhi
45	1KS17EC041	H.G.SRINIDHI	H.G. Srinidhi
46	1KS17EC042	JEEVAN.R.S	Jeevan
47	1KS17EC043	K.SHREYA	Shreya
48	1KS17EC044	KAMNOOR SUSHMA	
49	1KS17EC045	KRITHIKA.P	Krithika
50	1KS17EC046	LAKSHAN.N.S	Lakshan
51	1KS17EC047	LEKHA YADAV.B	Lekha
52	1KS17EC048	M.R.SRINIVAS	M.R. Srinivas
53	1KS17EC049	RANJITH.M	Ranjith
54	1KS17EC050	M.SIRISHA	Sirisha
55	1KS17EC051	MADHU.S	Madhu S.
56	1KS17EC052	MAHADEVA.G	Mahadeva
57	1KS17EC053	MAMATHA.K.S	Mamatha K.S.



**K.S.INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.**

LIST OF STUDENTS STUDYING IN V SEMESTER FOR THE ACADEMIC YEAR - 2019 (ODD SEMESTER)

**TALK ON 'Entrepreneurship and Carrier opportunities'**

**SECTION : B**

Venue : EC Seminar Hall

Date 27/9/2019

Time : 2.00 pm to 4.00 pm

SL.NO	USN	NAME OF THE STUDENT	
1	1KS17EC054	MANOJ.E	
2	1KS17EC055	MANOJ KUMAR.R	
3	1KS17EC056	MOHAMMAD FAIZAL	
4	1KS17EC057	MOHAMMED SADATH	Manoj
5	1KS17EC058	MONISHA.A	Manish
6	1KS17EC059	NAGANETRA.M	Manoj
7	1KS17EC060	NAGELI JAYASAI NAIDU	Manoj
8	1KS17EC061	NAVEEN KUMAR BURUGUPALLY	Manoj
9	1KS17EC062	NAVIN KUMAR.H.G	Manoj
10	1KS17EC063	NAVYA.S	Manoj
11	1KS17EC064	NIKHIL.V	Manoj
12	1KS17EC065	NIKHIL.V	Manoj
13	1KS17EC066	PALLAVI.S	Manoj
14	1KS17EC067	PAVAN PRASAD.R	
15	1KS17EC068	PENUJURI NAGA SAI SNEHITHA	
16	1KS17EC069	PRAJWAL.C	
17	1KS17EC070	PRAJWAL SIMHA.S	
18	1KS17EC071	PRATIMA.P.AGNIHOTRI	
19	1KS17EC072	PRATIMA V KASHYAP	
20	1KS17EC073	PRUTHVIRAJ.N	
21	1KS17EC074	R.YASHAS	
22	1KS17EC075	RACHANA.S	
23	1KS17EC076	RAHUL.R.NADIG	
24	1KS17EC077	RAJESH.C.S	
25	1KS17EC078	RAMYA.R	
26	1KS17EC079	RITU PATIL	
27	1KS17EC080	ROHINI.D	
28	1KS17EC082	RUTHVIK RAVISH	
29	1KS17EC083	SAHANA.G.P	
30	1KS17EC084	SAHANA.M.K	
31	1KS17EC085	SAHANA.V	
32	1KS17EC086	SANDEEP KUMAR.M	
33	1KS17EC087	SHAMANTH RAJ.D.N	
34	1KS17EC088	SHIVANI.K	
35	1KS17EC089	SHRAVYA.S.ACHARYA	
36	1KS17EC090	SHREYAS.H.R	
37	1KS17EC092	SRIVIDYA.V.R	
38	1KS17EC093	SUPRIYA.V	
39	1KS17EC094	SURYA.N	
40	1KS17EC095	SUSHMITHA.B.L	
41	1KS17EC096	SUSHMITHA.K.N	
42	1KS17EC097	SYED WAQAR KASHIF	
43	1KS17EC098	TEJAS.K	
44	1KS17EC099	VAIBHAVI SREENIVASA	
45	1KS17EC100	VAISHNAVI.K.KATTI	
46	1KS17EC101	VAISHNAVI.S	
47	1KS17EC102	VAISHNAVI SRIHARSHAN	
48	1KS17EC103	VIDYA.V	
49	1KS17EC104	VISHAL GOUTHAM.N	
50	1KS17EC105	YASHASWINI.R	
51	1KS18EC401	BHAVANI V	
52	1KS18EC402	DILEEP V	
53	1KS18EC403	HARSHITHA B	
54	1KS18EC404	KISHOR KUMAR N	
55	1KS18EC405	KISHORE R	
56	1KS18EC406	MAHADEVA G R	
57	1KS18EC408	VANITHA C	

Department of Electronics & Communication Engineering  
Feedback of Entrepreneur's Life and Career opportunity organized on 27-09-2019

Name	USN	Branch	1. How was the event organised ?	2. How relevant was the event for your future ?	3. Effectiveness of the resource persons ?	4. Interaction with resource persons ?	5. Usefulness of the event ?
N Jaipriya	1ce17ec035	ECE	Very Well	Relavant	Effective	Good	Useful
Anagha a kashyap	1ks17ec008	ECE	Very Well	Very Relevant	Effective	Good	Useful
Shivdatt	1KS16EC086	ECE	Very Well	Very Relevant	Very effective	Excellent	Very Useful
Vinayak Bajantri	1ks16ec113	ECE	Very Well	Very Relevant	Very effective	Excellent	Useful
Akshitha V Ramesh	1KS17EC004	ECE	Very Well	Very Relevant	Very effective	Excellent	Very Useful
Akshitha V Ramesh	1KS17EC004	ECE	Well	Relavant	Less effective	Good	Useful
Amulya S lyengar	1KS17EC006	ECE	Very Well	Very Relevant	Effective	Good	Useful
Amulya S lyengar	1KS17EC006	ECE	Very Well	Relavant	Very effective	Good	Very Useful
ANITHA. R	1KS17EC009	ECE	Well	Relavant	Effective	Good	Useful
Akshitha V Ramesh	1KS17EC004	ECE	Very Well	Very Relevant	Very effective	Good	Very Useful
Anoop Deekshith R	1KS17EC010	ECE	Well	Relavant	Effective	Good	Useful
Rohini	1KS17ec080	ECE	Well	Relavant	Very effective	Excellent	Useful
Anushree.M	1ks17ec013	ECE	Very Well	Very Relevant	Very effective	Excellent	Useful
Apeksha Ravi Kumar	1KS17EC015	ECE	Very Well	Relavant	Very effective	Excellent	Useful
Pratima	1ks17ec072	ECE	Well	Less Relavant	Less effective	Average	Useful
M sirisha	1KS17EC050	ECE	Very Well	Very Relevant	Effective	Excellent	Very Useful
BD SHREENIDHI	1KS17EC019	ECE	Very Well	Relavant	Effective	Good	Useful
Darshan TG	1ks17ec030	ECE	Very Well	Very Relevant	Very effective	Excellent	Very Useful
Devale Sudarshan	1ks17ec031	ECE	Very Well	Very Relevant	Effective	Excellent	Useful
G S Surabhi	1ks17ec040	ECE	Very Well	Relavant	Effective	Excellent	Useful
Spoorthi R	1ks17cs081	ECE	Poor	Less Relavant	Less effective	Good	Useful
Srinidhi h g	1KS17EC041	ECE	Well	Relavant	Less effective	Average	Useful

Sushmitha	1KS17EC096	ECE	Well	Very Relevant	Effective	Good	Useful
Syed Waquar Kashif	1ks17ec097	ECE	Well	Less Relevant	Effective	Good	Useful
Tejas.K	1ks17ec098	ECE	Very Well	Relavant	Effective	Good	Useful
Devale Sudarshan	1ks17ec031	ECE	Well	Relavant	Effective	Excellent	Very Useful
Vishal Goutham N	1KS17EC104	ECE	Well	Relavant	Less effective	Good	Useful
Harshitha.B	1KS18EC403	ECE	Well	Relavant	Effective	Good	Useful





**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**ROBOTICS WORKSHOP REPORT**

**Title of activity:** Workshop on the scope for Mechanical Engineers in the field of Robotics, Mechatronics and Industrial Automation.

**Type of activity:** Technical Talk-Demo

**Date:** 01/04/2019

**Venue:** Seminar Hall, 2<sup>nd</sup> Floor, New Building, KSIT

**Number of participants:** 75

**Speaker(s):** Mr. Malav Thacker (PI Robotics)

**Contact:** malav.pirobotics@gmail.com, +91 8073725990, www.thepirobotics.com

**1. Objective**

The workshop focuses on getting students up and running with microcontroller programming, also get students to understand the basic procedures on working of sensors, actuators, mobile robotics platform & other components. This workshop is an exhaustive hands on training program on embedded systems design, the objective of this program is to provide students with knowledge and experience on robotics.

**2. Target Group**

Upcoming Mechanical Engineers in KSIT

**3. About Robotics**

**Robotics** is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science, and others. Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control

sensory feedback, and information processing

#### **4. Analysis and evaluation of the workshop**

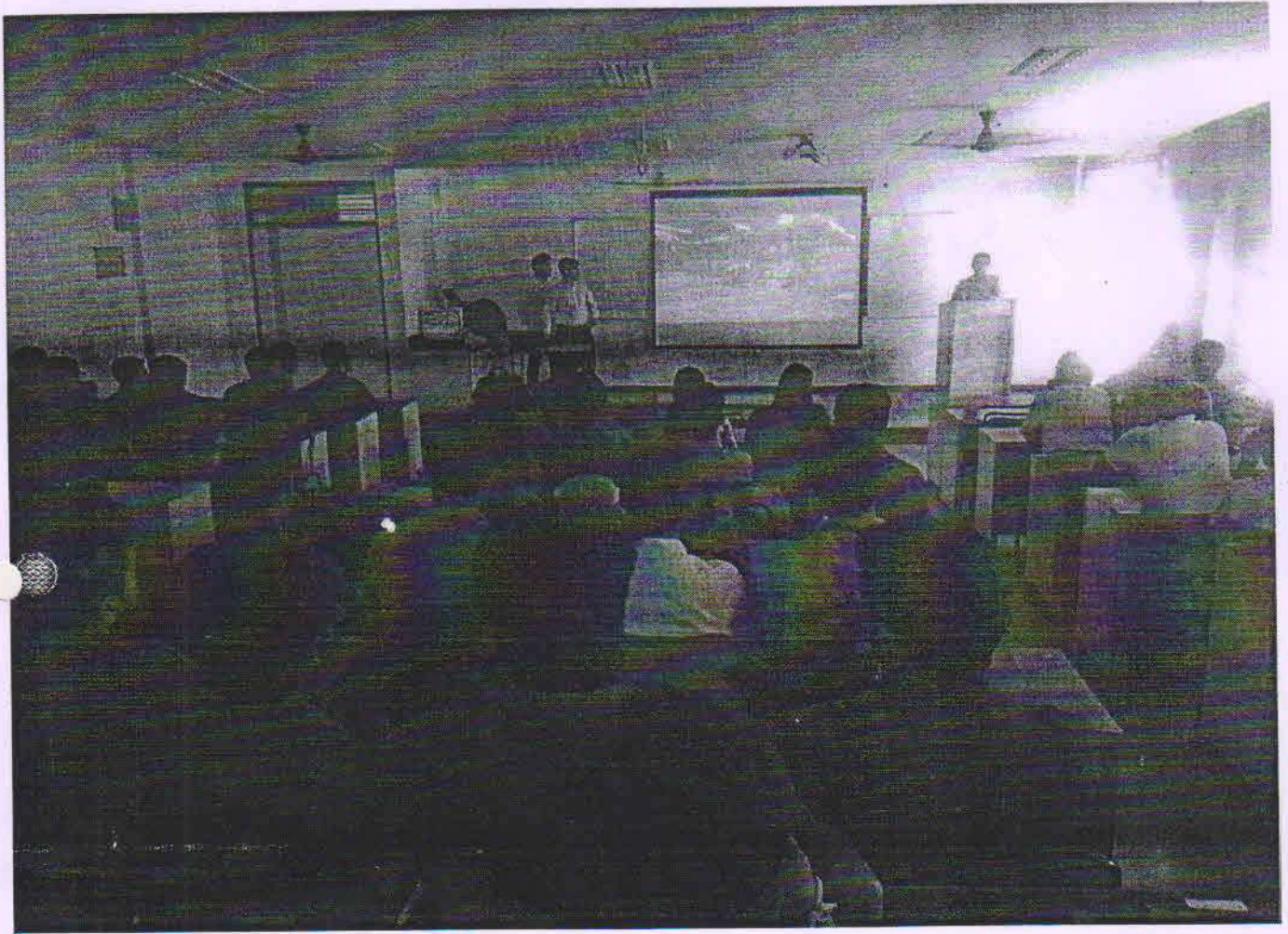
The workshop was very beneficial to the students, students were able to see first hand the intricacies of robot building. The workshop gave a taste to the students about basics of robotics, microprocessor programming, starting up with LED Blink Autonomous LED patterns black line follower robot, obstacle avoider using IR edge avoider robot, distance calculator.

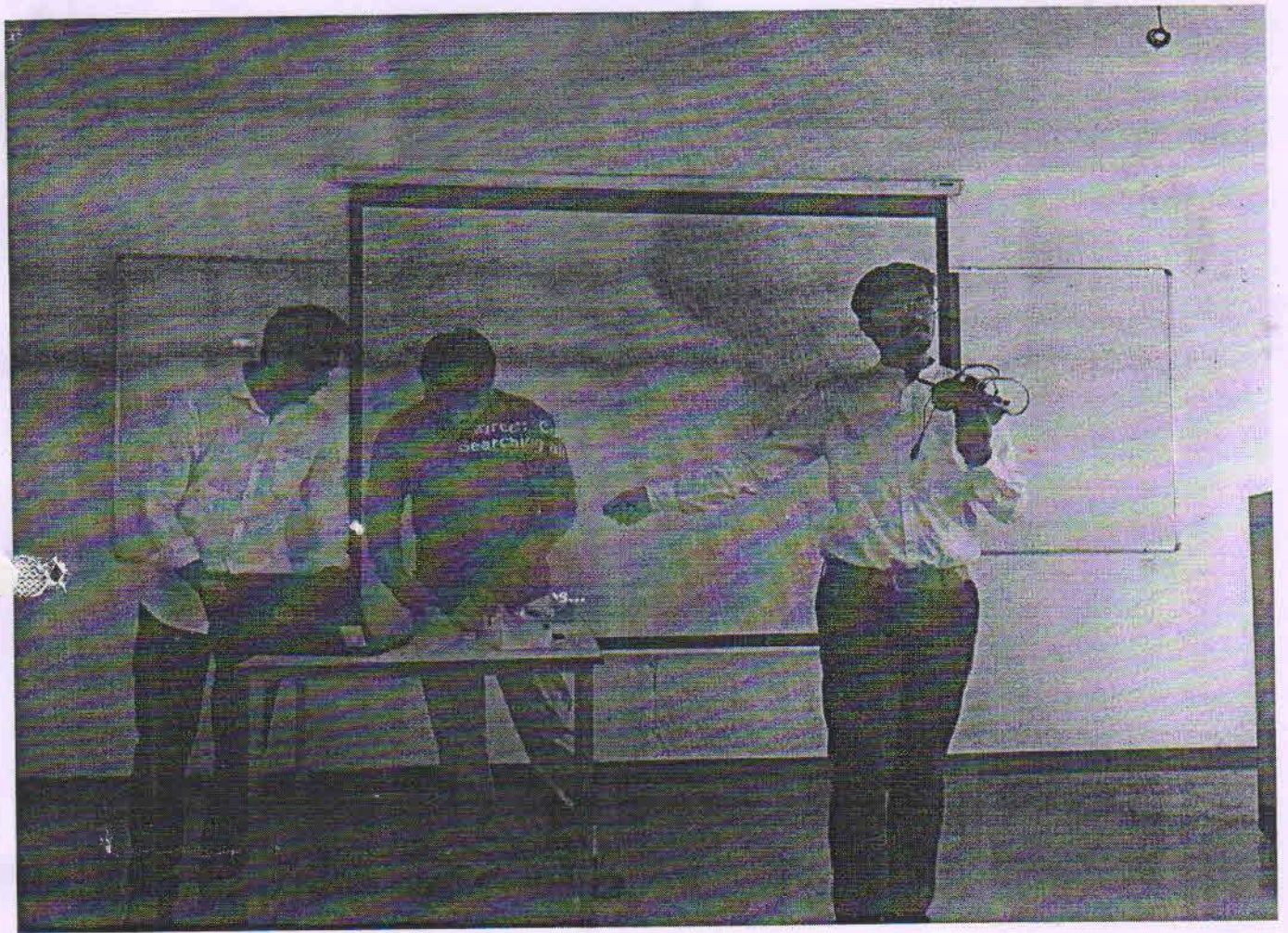
The students had a healthy understanding on how to build a robot for real time scenarios.

Students will now be confident of entering into the mechatronics domain and work on industrial automation.

#### **Robotics Workshop Photos**







*J. Hanas*  
9/4/19

**Head of Department of Mechanical**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

*BW* *JW*  
9/4/19

**Workshop Coordinator**





A Report on

**'BAJA SAEINDIA 2019'**

from 6<sup>th</sup> to 11<sup>th</sup> Mar 2019 at IIT Ropar, Punjab organized by Mahindra in association with SAE INDIA.

Our team Redline Racing is consistently participating in the event BAJA SAEINDIA organized by Mahindra in association with SAEINDIA. This is our 5<sup>th</sup> year participation for the event. We have successfully cleared the virtual rounds of the event which was the entry criteria for the event. Once completing the virtual round, we started fabricating the vehicle and tested it thoroughly.

**UNVEILING THE VEHICLE:**

The fabricated and finished buggy was unveiled on 28<sup>th</sup> February 2019 at around 10:00 a.m. near the mechanical department at K S INSTITUTE OF TECHNOLOGY, which was done with permission of respected management members, Dr.T.V.Govindaraju,Principal/Director, KSIT,Dr. Rama Narasimha, Professor and Head, and all other department heads and our beloved teachers were also present in the event.

**IN BAJA SAEINDIA 2019**

**DAY -1:**06-03-2019, The registrations for the event was open and few of the team members and the faculty advisor Mr.K S.Nagaprasad registered the Team and the vehicle in the event site around 10:30 .a.m. at IIT Ropar, Punjab. We finished the registrations and went to have a look around the event site and returned back to the hotel around 2.p.m.

**DAY 0:**07-03-2019, BAJA HR Aptitude Test[BAT]: Number of selected students from the different teams had to write an aptitude test for the placements in the event, which was followed by a press conference and also a judge meet. Finally, at the end of the day the results of the BAT were announced by the judge, in which one of our team mate was selected for the next round of the interview.

**DAY 1:**08-03-2019, Registration for the event was started at 8.30a.m. which was followed by the Inauguration function, for the inaugural function, Dr. Pawan Goenka, Managing Director of Mahindra, Dr. K.C. Vohra, chairman of SAEINDIA, judges of all the event and the students were present.

After the inaugural function, the static events started which included sales presentation, cost presentation and also the Go Green event. Team completed all the static events successfully and also got an appreciation from the judges for design of the vehicle.

**DAY 2:** 09-03-2019, second day of the event consisted of Technical Evaluation, Design Evaluation, Dynamic Events and an entertainment night.

Team cleared the technical inspection and also cleared the BRAKE TEST in the first attempt and got the entry for the Dynamic Events. After completing the technical event, we went to design evaluation which had a slot timing of half an hour, in which we need to explain each and every part of the vehicle and also, we should explain the procedure used in the design with reasons. Completed this event in the given timings and also got an appreciation for the design. At the end of the day, there was an entertainment night which consisted of D.J music.

**DAY 3:10-03-2019:** Dynamic events continued which consisted of Acceleration test, Sled pull, Maneuverability and Suspension & Traction track. In acceleration track, vehicle has to complete a given distance in the lowest time. In sled pull, vehicle has to pull a weight of a tractor in a given track. In maneuverability, vehicle has to complete a track with sharp turns as fast as possible. Finally, in the suspension event, vehicle should complete a track filled with obstrucles, gradient roads etc. in a short interval of time. Our vehicle participated in all the events and completed them.

**DAY 4:11-03-2019: ENDURANCE RUN & VALEDICTORY FUNCTION**

This was the last day of the event BAJA 2019, which had the final dynamic event Endurance race for which the teams would be early waiting to attend.

In the Endurance Run, vehicles would be lined up one behind another in the order of their results based on dynamic events. This race goes for four hours continuously with track filled with all possible obstrucles, muddy roads, rocks, loose sand etc. Teams which have completed the technical evaluation and brake test can only participate in this final event. Here driver has to ride the vehicle for 4 hours continuously to complete maximum no. of laps. In this event both driver and vehicle will undergo fatigue, so only with rigorous practice and testing only one should attain this event. Team which the maximum no. of laps in the given time is declared as the winner of the event. Our team successfully completed **20 laps** in the given time.

At the end of the day was the valedictory function for which again all the judges and the dignitaries were present. Awards and rewards were given for all the dynamic and static events.

The results were announced to us on 12<sup>th</sup> March 2019.

Our buggy came out with very good results and has secured very good rankings, such as.

Acceleration: 6<sup>th</sup> All India Ranking

Pole Position: 8<sup>th</sup> All India Ranking

**Design Evaluation: 1<sup>st</sup> in Karnataka**

Endurance: 15<sup>th</sup> All India Ranking

**Overall: 15<sup>th</sup> All India Ranking**



Photograph 1: Unveiling of vehicle

Dr. T. V. Govindaraju Principal KSIT, Prof. M. Umashankar HOD Mechanical Department, and faculty of Mechanical department



Photograph 2: Clearing the brake test



Photograph 3: Vehicle going back to track after re-fuelling during endurance



Photograph 4 : Vehicle pulling a tractor in sled pull



Photograph 5 : Vehicle in the endurance race



Photograph 6 : Vehicle after endurance race with the team members and Faculty advisor  
Mr K.S.Nagaprasad

Submitted by:

Team Redline Racing, KSIT, Bangalore

Date: 08-04-2019

*Nagaprasad K.S*  
(Faculty Advisor)

*Arvi M. Umesh A*  
*9/4/19*



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Microsoft Technology Associate Workshop**

**Title of activity:** Workshop on Microsoft Technology Associate

**Type of activity:** Technical Talk-Demo

**Date:** 22/02/2019

**Venue:** Seminar Hall, 2<sup>nd</sup> Floor, New Building, KSIT

**Number of participants:** 80

**Speaker(s):** Mr. Yadav.K.Mahendra

**1. Objective**

Scope for Mechanical Engineers in the field of Information Technology for entry level certification that validates fundamental technology knowledge. MTA certifications address a wide spectrum of fundamental technical concepts, assess and validate core technical knowledge, and enhance technical credibility.

**2. Target Group**

Upcoming Mechanical Engineers in KSIT

**3. About Microsoft Technology Associate Program**

The Microsoft Technology Associate (MTA) certification is an entry-level credential that validates fundamental technology skills and knowledge among students and job-seekers who are pursuing a career in technology. MTA addresses a wide range of critical technology concepts with exams that are designed to assess and validate core technical concepts in three primary areas: Developer, Database, and IT Professional. MTA provides professional based certifications on Microsoft products and they provide the fundamentals for Databases (MSSQL Server), Development (Visual Studio) and IT Infrastructure (Windows. Windows Server).

#### **4. Analysis and evaluation of the workshop**

The workshop was very beneficial to the students, nowadays engineering is becoming interdisciplinary in nature, students no longer want to be hard wired into thinking one core field as a career choice, they will be exposed to the information and technology industry wherein they can import the IT domain into the mechanical domain and start building products for the future. Students by completing this course will be able to easily transition into the IT industry and vice versa.







*[Signature]*  
9/4/19  
**Head of Department of Mechanical**

Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

*[Signature]*  
9/4/19  
**Workshop Co-ordinator**



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**SEMINAR REPORT**

**Title of activity:** Scope for Mechanical Engineers in the field of H.V.A.C (Heating, Ventilation and Air Conditioning) and Plumbing in the realm of the construction industry.

**Type of activity:** Lecture

**Date/duration of activity:** 31/10/2018, 1 Hour

**Venue:** Seminar Hall, 2<sup>nd</sup> Floor, New Building, KSIT

**Number of participants:** 75

**Speaker(s):** Mr. Muneer, Mr. Asif (Prinston Smart Engineers)

**Contact:** [info@prinstonsmart.com](mailto:info@prinstonsmart.com), +91 9810 188 747, [www.prinstonsmart.com](http://www.prinstonsmart.com)

**1. Objective**

The speaker's main aim was to highlight the importance of Mechanical Engineers and their role in the construction field especially in the H.V.A.C (Heating, Ventilation and Air Conditioning) segment. The speakers were representing the firm "Prinston Smart Engineers", who apart from running an H.V.A.C Design firm also have tie ups with various institutes who specialize in H.V.A.C training. The speaker was encouraging students to enrol in the 3 day course on H.V.A.C Design for betterment of their careers

**2. Target Group**

Upcoming Mechanical Engineers in KSIT

**3. H.V.A.C Principle & Methodology**

**Heating, ventilation, and air conditioning (HVAC)** is the technology of indoor and vehicular environmental comfort. Its goal is to provide thermal comfort and acceptable indoor air quality. HVAC system design is a sub discipline of mechanical engineering, based on the principles

of thermodynamics, fluid mechanics and heat transfer. "Refrigeration" is sometimes added to the field's abbreviation, as **HVAC&R** or **HVACR** or "ventilation" is dropped, as in **HACR** (as in the designation of HACR-rated circuit breakers).

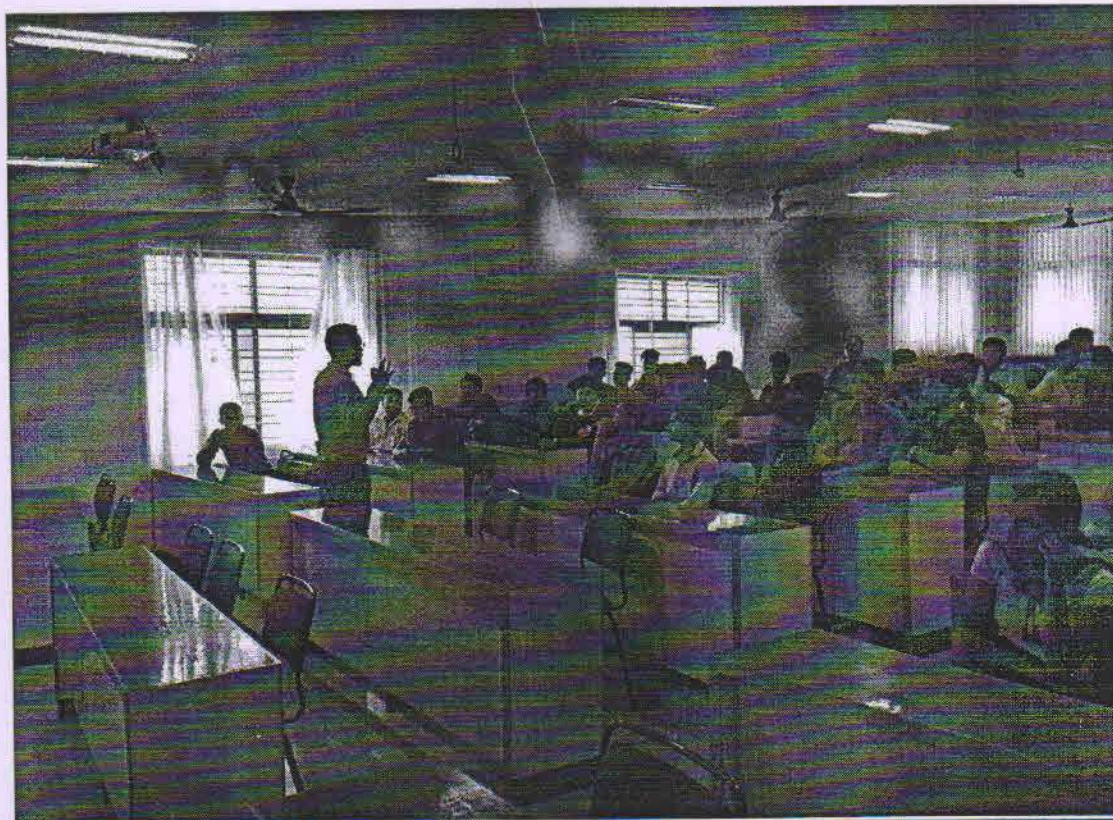
HVAC is an important part of residential structures such as single family homes, apartment buildings, hotels and senior living facilities, medium to large industrial and office buildings such as skyscrapers and hospitals, on ships and submarines, and in marine environments, where safe and healthy building conditions are regulated with respect to temperature and humidity, using fresh air from outdoors.(Reference:Wikipedia)

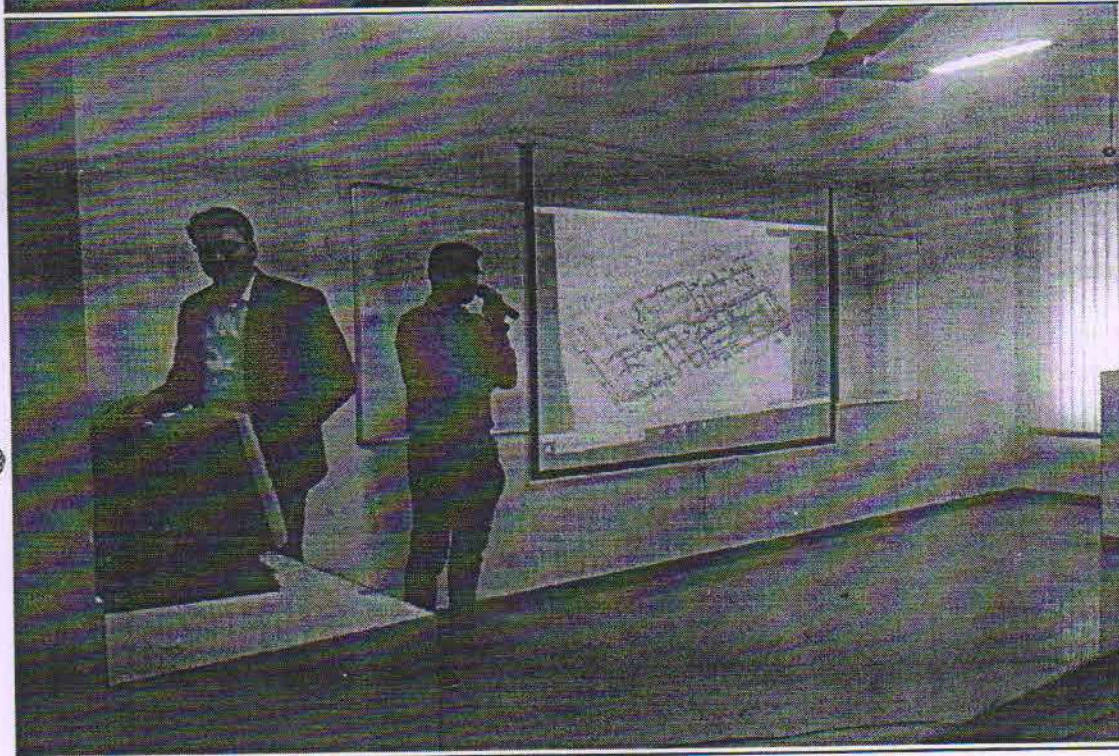
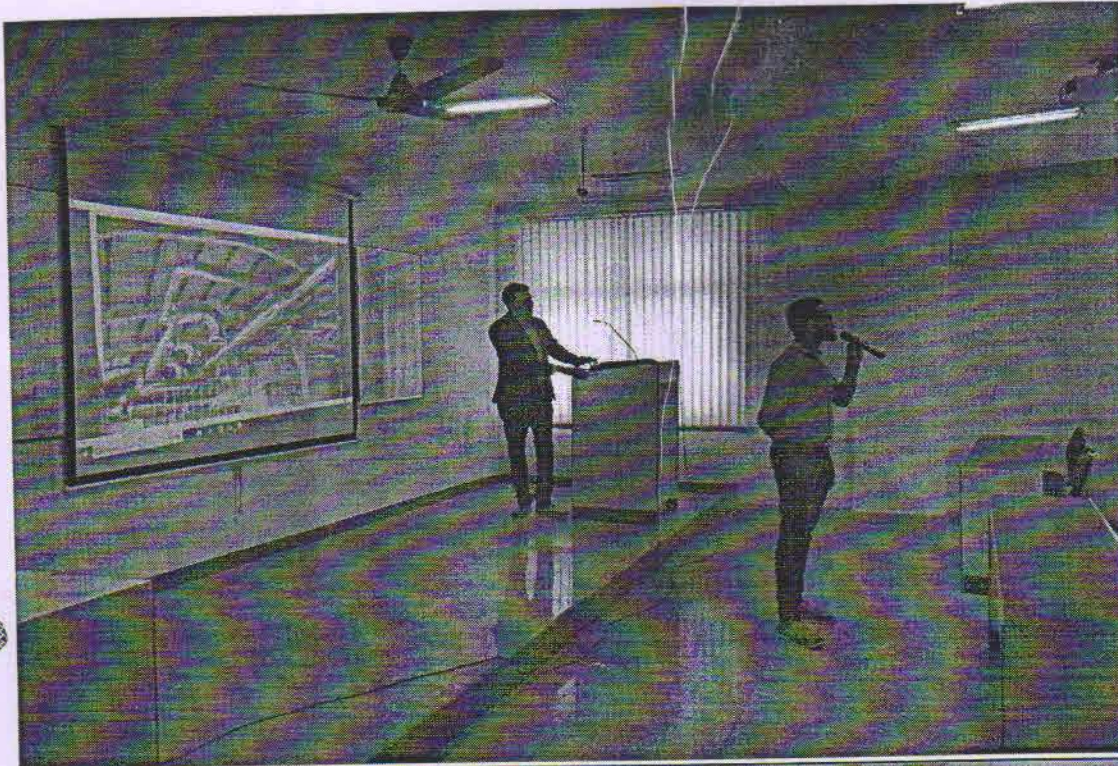
#### **4. Analysis and evaluation of the Seminar**

In the present urban landscape, HVAC plays a very important role in the construction industry, it has become a norm for builders to offer human comfort and convenience for their prospective clients hence students getting equipped with necessary technical skills to tackle the real time issues of designing, executing and maintaining HVAC systems in commercial establishments like office spaces, malls, hospitals, restaurants and homes.

Students can enrol into the three day course offered by Prinston Smart Engineers at various locations in Bangalore for a cost of Rs. 2500/-

Students will build and add weightage to their resume if they opt to complete this course and help in kick starting their careers in HVAC industry.





*J. Khanna*  
9/4/19  
Head of Department – Mechanical  
Head of the Department  
Dept. of Mechanical Engg.  
K. J. Somaiya Institute of Technology  
Bongaluru - 560 109.

*V. Ramesh*  
Workshop Coordinator

## SEMINAR REPORT



Two representatives from Prinston Smart Engineers had come to **K.S. Institute of Technology** and addressed the students from 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester of **Mechanical Department** about **HVAC designing** on 4<sup>th</sup> Oct 2018 from 10:30AM to 12:00 PM in Mechanical Seminar Hall and around 150 students had attended the seminar.

### About the company:

**Prinston Smart Engineers** was started in 2004, New Delhi and for more than 14 years, Smart Engineers has offered a wide range of Maintenance & Services in Delhi and many other cities of India.

**Smart Engineers** is well known for its innovation and by collaborating successfully with their customers, designers; sub-contractors, consultants as well as suppliers; they have been able to provide more specialized level of services. They are continuously evolving and understand the different aspects of delivering high value construction and complex projects with ease.

Self-development and training, MEP Design and services, Mechanical and electrical construction, Interior Design, Operation and maintenance, Web Designing and development, Science and technology workshop are some of the services provided by them.

Honeywell, ITC Hotels, Park Plaza, efi, PRIZM, C&S electric, ETA, KRIBHCO are few among their clients.

### From the Seminar:



1. Which skill is more important Communication or Technical?  
- Communication and Technical skills are both equally more important to survive in the industry.
2. Is the knowledge obtained from your 4 years of engineering enough to get a job or to survive in the industry? -No.
3. As a mechanical engineer, What are the different domains you can work in?  
- Design, Production, Analysis, Quality Control, Quality Inspection etc.

4. Do you find yourself a job in the field of construction as a mechanical engineer?  
- Yes, as a MEP.

5. What is MEP?

- Mechanical Electrical Plumbing (MEP) refers to planning and design in the areas of mechanical, electrical, and plumbing systems including developing polices, standards, inspection procedures, and performance and cost-estimating, construction planning etc. An MEP Engineer prepare and will review drawings, specifications, and cost estimates for the mechanical, electrical, and/or plumbing systems in the resulting facility.

6. Have you heard about HVAC? What is HVAC?

- HVAC stands for Heating, Ventilation and Air Conditioning is a technology of indoor and vehicular environment comfort. HVAC is a subdiscipline of mechanical engineering based on the principles of thermodynamics, fluid mechanics and heat transfer.

HVAC is an important part of residential structures such as single family homes, apartment buildings, hotels and senior living facilities, medium to large industrial and office buildings such as skyscrapers and hospitals, on ships and submarines, and in marine environments, where safe and healthy building conditions are regulated with respect to temperature and humidity, using fresh air from outdoors.

7. If you are asked to design a HVAC system, can you Design?

- This is where Prinston Smart Engineers helps you to undergo training to improve your knowledge by providing three-day workshop on HVAC designing, where they teach you about each and every aspect that needs to be governed while designing a ventilation system which includes some necessary calculations and designing the same on a software based on the calculations made.

Organizations where candidates can work as an HVAC Engineer :-

- |                             |                                  |
|-----------------------------|----------------------------------|
| - Energy sector             | - Consulting Engineering         |
| - Chemical process          | - Pharmaceutical Industry        |
| - EPC industry              | - Project and Construction       |
| - Petro-chemical complex    | - Cement and fertilizer Industry |
| - Shopping Malls            | - Power Plants                   |
| - Hospitals, Office Complex | - Commercial Buildings           |
| - Refinery                  | - Airports                       |
| - Oil & Gas                 | - Residential Buildings          |
| - Offshore Industry         | - Industrial Plants              |



To,  
The Principal  
KSIT, Bangalore

Date: 4/4/2019  
Bangalore

Respected sir,

Sub: Permission to conduct 3- day workshop on ANSYS Training -reg

We at KSIT, Mechanical department are planning to conduct 3 day workshop on ansys training for 8<sup>th</sup> semester mechanical students of our college from 8<sup>th</sup> to 10<sup>th</sup> April, 2019. The workshop will be conducted by, Mechanical department, KSIT. Hence we request you to give permission for conduction of the same. Kindly do the needful and oblige.

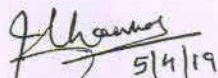
Schedule for Training (8.30Am- 4PM):

Day1 : Geometrical Modelling (2 & 3Dimensional) using Ansys and Import options form other Softwares

Day2 : Static Analysis (2D & 3D Structural and Thermal) along with Composites

Days : Dynamic Analysis (Modal, Harmonic, Transient , Spectrum)

Thanking you

  
5/4/19  
Yours Faithfully

M. Umashankar,  
HOD, Mechanical

  
5.4.19



## SCHEDULE OF ANSYS TRAINING

Date: 8/4/2018

9.30AM to 9.45 AM - Inauguration

9.45AM to 10.30 AM – Introduction to Geometrical Modeling

10.45AM – 12.20 Noon – Modeling Exercises

1.40 PM – 4 PM – Assembly Modeling in Ansys and Import/export options

Date: 9/4/2018

9 AM to 10.30 AM – 2 Dimensional Meshing and Analysis

10.45AM – 12.20 Noon – 3 Dimensional Meshing and Analysis

1.40 PM – 4 PM – Assembly Analysis

Date: 10 /4/2018

9 AM to 10.30 AM – Modal Analysis

10.45AM – 12.20 Noon – Harmonic & Transient Analysis

1.40 PM – 3 PM – Thermal, Composite and Nonlinear Analysis

3.30 PM – 4PM – Issue of Certificates

Organizers:

M. Nagabhushana , Asso Professor, Dept of Mech Engg

L. Nirmala, Asst. Professor, Dept of Mech. Engg.

N. Ranganath , Asst. Professor, Dept of Mech . Engg.

# Department of Telecommunication Engineering

## Report on

Talk on

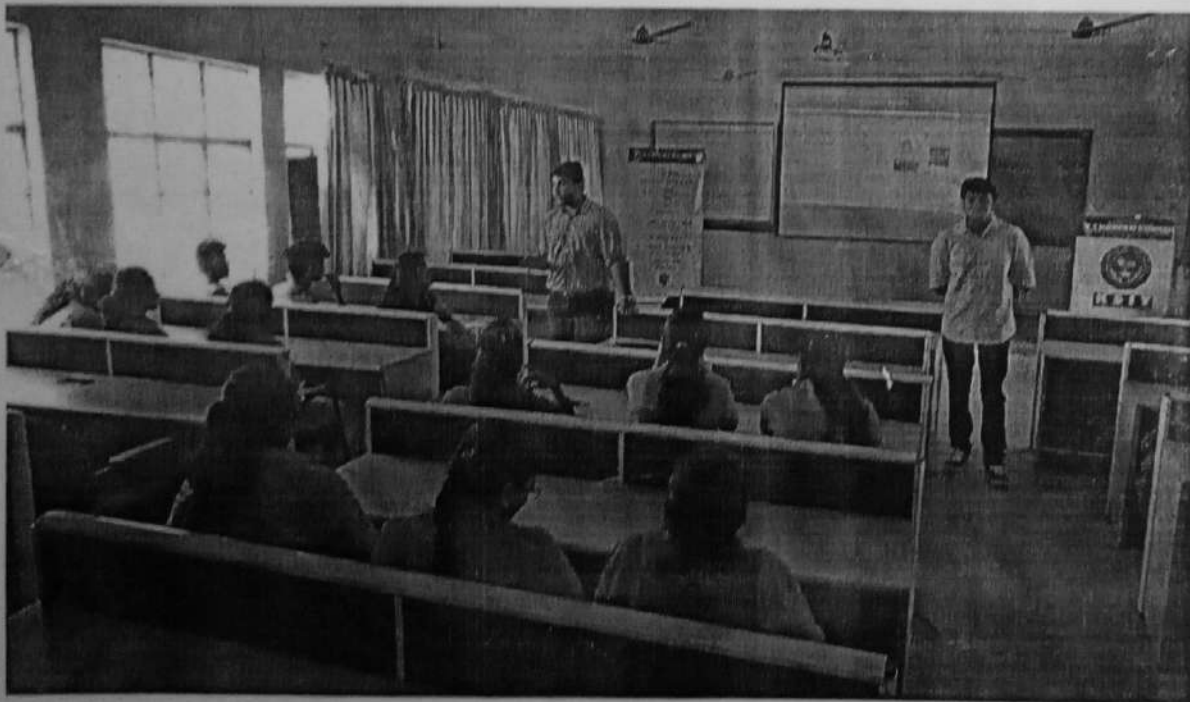
### "What next? An influential perspective on career growth"

On 2<sup>nd</sup> August 2018

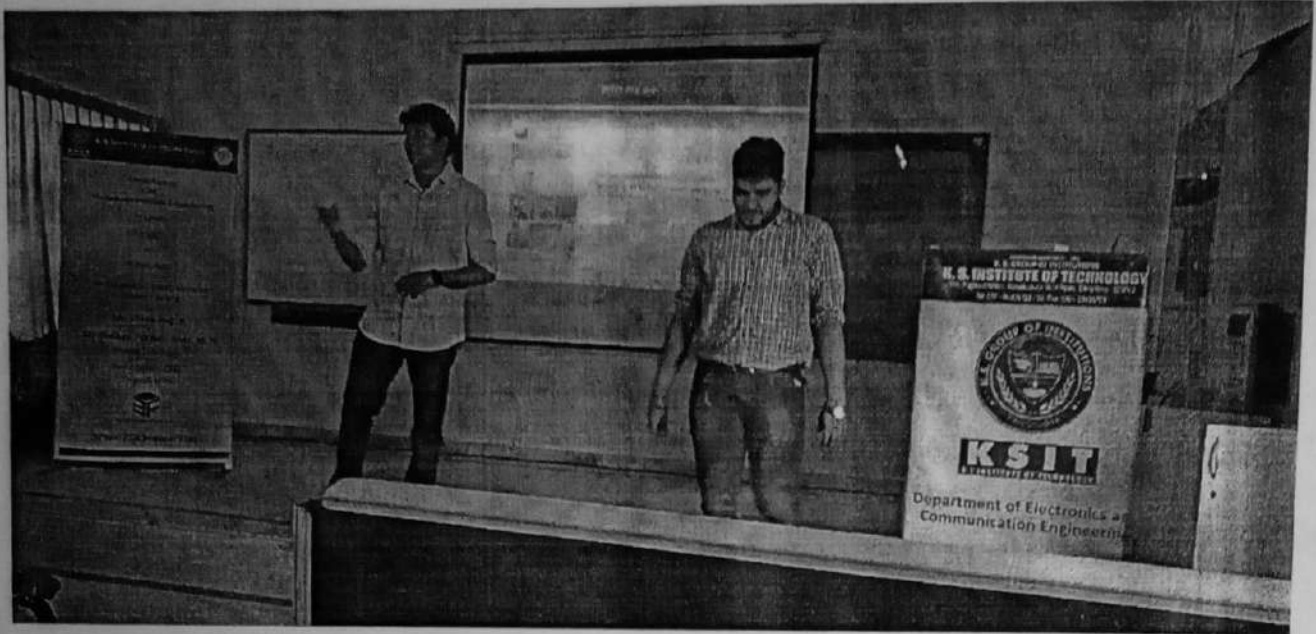
On August 2<sup>nd</sup> 2018, under telecom engineers forum a talk was organized on "what next? An influential perspective on career growth" from two aluminites of KSIT telecommunication department SATHYA PRAMOD BHAT and VIKAS NAG PRASANNA.

Sathya pramod bhat completed his engineering in 2015, he has been a placement and personality development trainer at Quantech origin, he has worked as a software developer at NTT DATA, he is pursuing his masters in management information systems at university of Texas, Arlington, USA.

Vikas nag prasanna attained his bachelor of engineering in 2015, he has been a devops engineer at first American title limited, he has completed his masters in Digital innovation at UCD Micheal smurfit graduate business school, Dublin, Ireland. He is a pursuit of business analyst for innovation and research and development global team in United health group.



The talk was addressed to 7th and 5th semester students. The purpose of the talk was to make students understand the importance of communication skills, having research papers done, having good score while doing under grad, being eligible of having offer letters at the end of engineering and to have a clear idea about which field to pursue after under graduation.



They even briefed about pursuing masters and jobs in abroad. They spoke about studies and work in USA and Ireland, and about what all researches and background checks have to be done before moving forward.

The talk was very much interactive and all the students were highly motivated and got a great insight about the topic. The purpose of the talk was totally served and very informative.

(VA) *[Signature]*  
13/8/18

*[Signature]*  
13.8.18

*[Signature]*

Mrs. Rekha N, Assoc. Professor  
Department of TCE.

# Report on **VANQU!SH-2k18**

Vanquish is an annual technical event organized by the Department of Telecommunication. It is a platform for the students to showcase their talents in various aspects. "Vanquish-2k18" was organized on 29<sup>th</sup> of September as a tribute to Sir C.V. Raman and Sri. H Ramakrishna graced the event as the Chief Guest. He has contributed tremendously in the field of Telecommunication, Defense and to the Indian Oil Corporation. He spoke about the contributions of Sir C.V. Raman in the field of Communication and also gave the students an insight about Raman Effect.



Lighting the lamp

There were 250 students who actively participated in the event from various department.

The event consisted of four rounds namely Brain Modulation, Mind=Blown, Digital Fortress and Wrappidup!

The first round was a quiz which consisted of 60 questions and was an amalgam of various fields which included Technology, History, Entertainment and current affairs.

Second Round consisted of 2 parts. The first part consisted of minimalistic posters. The second part required the participants to connect and find the link between 4 images.

The third round was inspired by Cicada 3301. It was a treasure hunt which involved cryptography concepts. The participants had to decrypt the codes to obtain the phrase successfully.



Winners

The last round was a Rapid fire round in which each team was given 4 topics namely India, History- Geography, Sports and Science. The participants in the final round were judged based on their knowledge and points obtained for the answers provided by them.



**Team Vanquish-2k18**

Ms. Apoorva Vishwanatha and Mr. Shantanu .S of Computer Science Department secured 1<sup>st</sup> place. They were judged based on their knowledge and the quality of answers provided by them. The event was a grand success adding another game to the crown of the Department.

CHE TAN .R (Chetan)

Student Co-ordinator

Event Co-ordinator

HOD, TCE

Principal

# REPORT ON EMBEDDED IOT WORKSHOP

October 05<sup>th</sup> - 07<sup>th</sup>, 2018

## INAUGURATION

The IETE "Embedded IoT" workshop was organized by Department of Telecommunication in association with **Inversa Technosoft Pvt Ltd**. The main objective of the workshop was to provide a basic idea on Embedded IoT and encourage students to indulge themselves in the latest cutting edge technologies. There were 60 members from TCE, MECH, ECE and CS departments who took part in the workshop. The three-day workshop was inaugurated by Dr. Manju VC and Prof. Satish Kumar on 05<sup>th</sup> of October. *Inversa Technosoft is a company run by Mr. Rahul Kumar and Bharath Gowda, Alumni of dept. of TCE, 2017 Batch.*

The first day of the Workshop began with an introduction to Arduino, ESP8266, Embedded systems, IoT and NodeMCU.



The theory session was highly informative and it covered a wide range of topics right from the basics. The session focused on the interfacing of Arduino with I/O devices,

ESP8266 and NodeMCU. Students were taught to build a local server in NodeMCU to blink LED. The Arduino codes were explained to them in a detailed step-by-step manner for the same. The hands-on experience was stimulating and enriching for the participants.

### Day 2 –

The second day of the workshop began with a brief summary of what had been taught the previous day. The session then went on to focus on interfacing the NodeMCU with different sensors and actuators such as LDR, RGB, ESDR, PIR, IR, buzzer, relay and a few others. The codes required for the interfacing of these sensors were taught simultaneously and an android application called Virtuino was introduced to the students. This app would help implement the communication between smartphones and home appliances, to control electrical circuit wirelessly using relay switches.



The participants were given a taste of the endless possibilities when it came to the applications of Embedded IoT in everyday life. These applications include reducing the usage as well as the wastage of electricity, security and improving user convenience.

Before the end of the session, students were given bots and taught to control it through the Virtuino app after dumping the code in the NodeMCU. Students were encouraged to take their bots home and prepare for the Bot Wars scheduled the following day. They were given sufficient knowledge to further enhance/alter their bots for better performance.

### Day 3 –

The third and the last day of the workshop began with a brief recollection of the topics covered on the previous day. The barely contained excitement on the faces of the students was a delight to witness as students eagerly prepared to face-off in the Bot Wars. Each team consisted of three members and teams were randomly selected to compete against each other. The winners of the first round of the Bot Wars were made to contend against each other in the second round who in turn faced-off against each other in the next round. It was a tough



competition that was witnessed by the cheering spectators. The Bot Wars saw an incredibly lively match between teams to enter the top three spots. The winners were promised awards at the end of the day.



The second session involved the introduction of the Python language. The basics were explained in an efficient and understandable manner with a demonstration of the differences between Python and C languages for a better comprehension of the concepts.

The third day concluded with the winning team of the Bot Wars being awarded with the bot they worked with. A memento was presented to the Inversa team by Prof. Senthil Babu and participants were asked to come forward with their feedback on the workshop.


#### **Highlights of the workshop:**


Students were exposed to

- Open source platforms(Open Source Hardware and Software)
- Different Applications of the Sensors and Actuators introduced during the course of the workshop
- Communication between Smart phones and home appliances and controlling of electrical circuits wirelessly through android applications
- Project planning and ideas to implement Embedded IoT in future projects
- Hands on training sessions that enabled students to do projects around electronics on their own

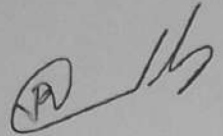
On the whole, the workshop was educative on both theoretical as well as practical aspects. The three days were very helpful to all the aspiring embedded engineers and technical enthusiasts. Feedback was taken from all the students. The workshop turned out to be a great learning experience to the participants from different semesters.

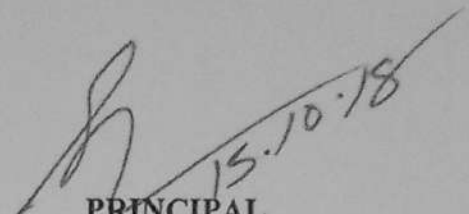
The three day IETE workshop on Embedded IOT by INVERSA TECHNOSOFT Pvt. Ltd. was successfully conducted and certificates were distributed to all participants.

1.  (Dr. Manju V-C)

2.  (Satish Kumar B)

Staff Coordinators

  
HOD

  
15.10.18  
PRINCIPAL

## Workshop on Embedded IOT- October 5<sup>th</sup> to 7<sup>th</sup> 2018

### Student List

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59	9KSI59	Anitha R	Ece/3rd	8217598482	anithablragya2515@gmail.com
60	9KSI60	Chaithra V M	Ece/3rd	8546922558	chaitravm405@gmail.com

Timestamp	FULL NAME	E-MAIL	Organization of the Event	Interaction with resource person	Hands out were helpful	Overall Impression	Your suggestion /comments for further improvement	
2018/10/15 1:07:48 PM GMT+5:30	Bhavana.j	bhavanajjagaadish@gmail.com	Excellent	Excellent	Excellent	Excellent		Exclent wrkshop
2018/10/15 1:15:51 PM GMT+5:30	Sai Teshal PT	pinnusaitej@gmail.com	Excellent	Excellent	Excellent	Very good		9KS117
2018/10/15 1:16:40 PM GMT+5:30	Nayana Shree R C	nayanagowda141@gmail.com	Very Good	Very Good	Good	Good		1ks17te022
2018/10/15 2:50:53 PM GMT+5:30	Anusha H	anusha99dec@gmail.com	Excellent	Excellent	Excellent	Excellent		1KS17TE001
2018/10/15 3:05:33 PM GMT+5:30	M sirisha	mstrujan33@gmail.com	Very Good	Excellent	Excellent	Very good		1KS17EC050
2018/10/15 3:09:35 PM GMT+5:30	SUSHMITHA B L	Sushmithabl99@gmail.com	Very Good	Very Good	Excellent	Very good	Time management	1KS17EC095
2018/10/15 3:12:43 PM GMT+5:30	SUSHMITHA B L	Sushmithabl99@gmail.com	Very Good	Very Good	Excellent	Very good	Time management	9KSIS56
2018/10/15 3:13:53 PM GMT+5:30	Divya Yashaswi Kanney	disney.kstew@gmail.com	Excellent	Excellent	Excellent	Excellent		9ks138
2018/10/15 3:23:41 PM GMT+5:30	Anitha. R	anithabhagya2315@gmail.com	Excellent	Excellent	Excellent	Excellent		9KSIS9
2018/10/15 3:31:10 PM GMT+5:30	HARSHA S	harsha123yash@gmail.com	Very Good	Very Good	Very Good	Very good		1KS144
2018/10/15 3:41:25 PM GMT+5:30	S Shwetha	shwetha98vasan@gmail.com	Excellent	Excellent	Excellent	Excellent		9KS133

2018/10/15 3:42:51 PM GMT+5:30	Shreyashwini V	shreyaquen77@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent		9KSI32
2018/10/15 4:03:13 PM GMT+5:30	Lavanya CK	lavanyaack456@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	make it 5 days	IKSI7TE016
2018/10/15 4:05:08 PM GMT+5:30	Lavanya CK	lavanya1999@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	good	IKSI7TE016
2018/10/15 4:07:57 PM GMT+5:30	ANUSHAL	anushals0704@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Those people are taught from very basic to us it helped us a lot and also they are so friendly. Thanks to inversa technosoft.	9KSI55
2018/10/15 4:17:57 PM GMT+5:30	Sanjay si	sanjaysanju.ss956@gmail.com	Excellent	Very Good	Excellent	Excellent	Very good			9KSI14
2018/10/15 4:22:48 PM GMT+5:30	K RAVITEJA	ravi.katur99@gmail.com	Excellent	Very Good	Excellent	Excellent	Very good	Workshop was excellent the organisers are super		9KSI12
2018/10/15 4:32:31 PM GMT+5:30	KARTHIK K V	karthikvishwanath24@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	Hats off to the patience levels of the volunteers and trainers. An amazing workshop and a. Worthy one. Spent three days in a great way.		9KS4
2018/10/15 4:34:19 PM GMT+5:30	Mohanprasanna b	mohanprasannab@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent			9ksi19

2018/10/15 4:35:22 PM GMT+5:30	Mohanprasanna b	mohanprasannab@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent		9KS19
2018/10/15 4:43:15 PM GMT+5:30	Yashashwini R	yashashwiniraman na8@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	It is one of the best workshop i attended, it will still be better if u explain the details regarding the inside structures of the ESP8266 and other boards	1KS127
2018/10/15 4:52:36 PM GMT+5:30	Sridevi mr	sridevimudiyamar5 09@gmail.com	Excellent	Excellent	Excellent	Excellent	Excellent	We would love to attend more of these technical innovations	9KS17
2018/10/15 5:03:25 PM GMT+5:30	Priyanaka S	Priyankasridhara1 23@gmail.com	Very Good	Very Good	Very Good	Very Good	Very good		9KS12
2018/10/15 5:10:35 PM GMT+5:30	Akshay U.L	akshayul@gmail.com	Excellent	Excellent	Very Good	Excellent	Excellent		1KS17EC003
2018/10/15 5:11:27 PM GMT+5:30	Vaishnavi Sriharshan	vaishnavisriharsha n@gmail.com	Good	Good	Excellent	Very good			1KS17EC102
2018/10/15 5:12:20 PM GMT+5:30	Vaishnavi Sriharshan	vaishnavisriharsha n@gmail.com	Good	Good	Excellent	Very good			1KS17EC102
2018/10/15 5:30:09 PM GMT+5:30	SUDHEER B	sudheerbkumar123 @gmail.com	Very Good	Excellent	Very Good	Very good			9KS136
2018/10/15 5:51:59 PM GMT+5:30	Pavan kumar N	Lathananjundaiah9 @gmail.com	Very Good	Excellent	Excellent	Very good	Superb		50

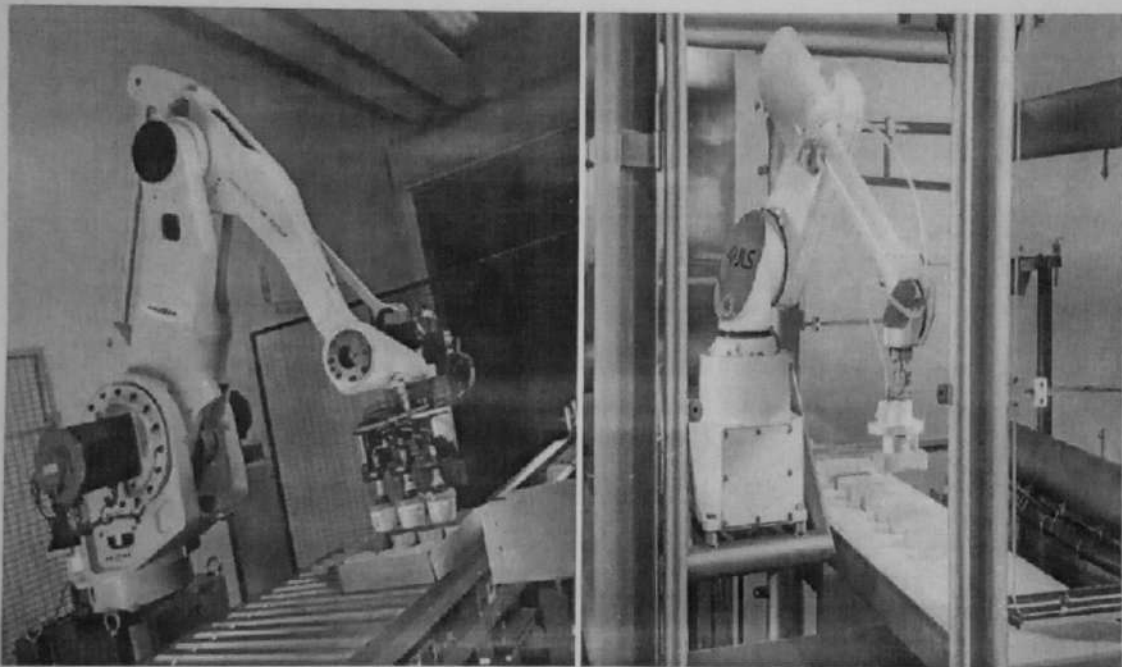
# K.S.INSITUTE OF TECHNOLOGY

## Department of Telecommunication Engineering

### Report on

### ONE Day Guest Lecture - 10<sup>th</sup> October 2018

A Guest Lecture on "ROBOTS FOR INDUSTRIAL AUTOMATION", by Dr. Abhay .Deshpande Assoc. Professor, R. V. College of Engineering, was organized by Department of Telecommunication Engineering K.S.I.T on 10<sup>th</sup> of October 2018 in TE Seminar Hall. The Guest Lecture started with a welcome speech by Ms. Amritha, 6<sup>th</sup>sem Student of Telecommunication Engineering Department. The lecture was organized to address 3rd and 5th semester students of the department.



*Various pick and place Robots used in Industries*

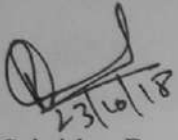
The speaker for the day holds a PhD in 'Robotics control using wireless communication'. He has worked in many fields, like, priority based motion control of multiple robot systems, power generation using piezoelectric systems for street lights and many more.

He enlightened the students by speaking about different types of basic robots, robots that are been used in the industries presently. Dr. Deshpande also threw light on what kind of projects students can take up and work on.

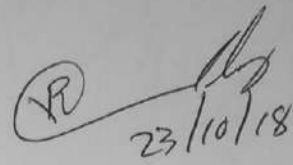
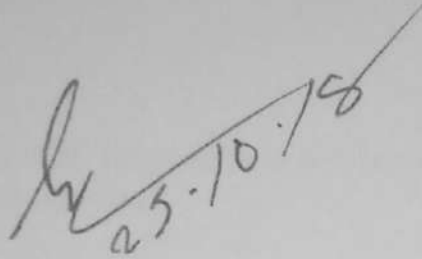


He made the session more interesting by showing various videos on practical applications of robots in industries and projects that many students have pursued with. The session was very interesting and informative; students had an opportunity to take a lot of information with them.

The talk ended with vote of thanks and the entire Department thanks Principal & Management for supporting us throughout the event and making this event a successful one.



Srividya.R  
Co-ordinator



Prof.Chanda.V.Reddy  
HOD



**K S Institute of Technology, Bengaluru – 109**

**Department of Telecommunication Engineering**

**Report on a Guest Lecture “Introduction to Python Programming  
and its Applications”**

**Date of Guest Lecture:** 19/02/2019

**Venue:** Telecommunication Seminar Hall, K.S Institute of Technology, Bengaluru

**Organized by:** Department of Telecommunication Engineering, K.S Institute of Technology, Bengaluru

**Resource Person:** Dr. Mahantesh K, Associate Professor, Department of Electronics and Communication Engineering, SJB Institute of Technology, Bengaluru

**Scope and Objectives:**

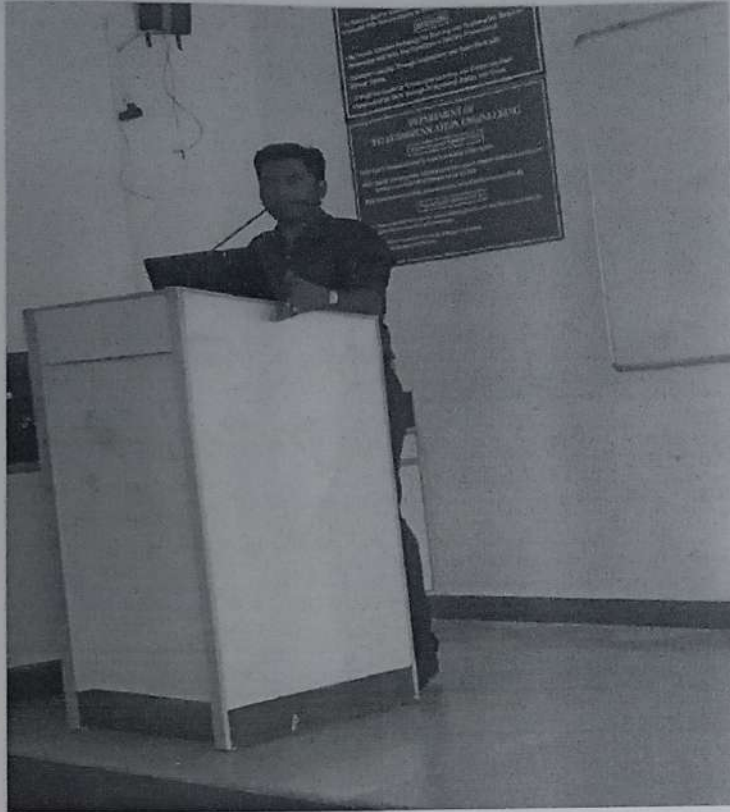
Importance of Python Programming and its applications with regard to Machine Learning and Image Processing.

This guest lecture on python and its applications was organized for 6<sup>th</sup> and 8<sup>th</sup> semester students. Students were benefited learning about Graphical User Interface-based Desktop Applications which includes image processing and graphic design, various libraries that support development of game and there have been numerous games built using the applications of python. Aspects regarding silting up environment to execute machine learning code using anaconda, Jupiter and spider were also briefed. He executed codes to demonstrate how to extract the required data from a large data with an example of cropping an image. The higher

speeds, productivity and adoptability of tools such as scientific python becoming an integral part of applications inward in computation and processing of scientific data lastly speaker advised the students to be head on with fast growing technical world by updating themselves with new technologies.



Fig 1: Speaker and Audience in TC Seminar Hall



**Fig 2: Speaker Delivering a Lecture**

**Report Submitted By**

**DILEEP J**

**Asst. Prof., Dept. of TCE**

*Dileep* 26/2/19  
**Staff Signature with date**

*(R) Ho*  
26/2/19.  
**HOD**

*[Signature]* 26.2.19  
**Principal**

**K.S.INSTITUTE OF TECHNOLOGY ,BANGALORE-109**  
**DEPARTMENT OF TELECOMMUNICATION ENGG**  
**LIST OF STUDENTS STUDYING IN VIII SEMESTER**  
**FOR THE ACADEMIC YEAR 2018-19 (EVEN)**

Guest Lecture on "Introduction to python programming and its application"

Date: 19/02/2019

SLNO	USN	NAME OF THE STUDENT	Signature
1	1KS15TE001	ABHILASHA.H.V	
2	1KS15TE002	ADITYA SRINIVASAN	
3	1KS15TE003	AKHILA.J	Absent
4	1KS15TE004	AKSHATA.G.JOSHI	Absent
5	1KS15TE005	ANNAPOORNA.M.G	
6	1KS15TE006	ANUSHA.R.MURTHY	Anusha
7	1KS15TE007	ARCHANA.P.S	Archana
8	1KS15TE008	ARUNA KUMARI	Aruna
9	1KS15TE009	APSARA.B.S	
10	1KS15TE010	B.V.NAVYA	Bavya
11	1KS15TE011	CHAITRA.B.V	Chaitra B.V
12	1KS15TE012	CHANDAN.K.R	
13	1KS15TE013	CHE TAN.R	
14	1KS15TE016	HARSHITHA.C.D	
15	1KS15TE017	JYOTHIKA.S	Absent
16	1KS15TE018	KARTHIK.B	
17	1KS15TE019	KIRAN.P	
18	1KS15TE020	KSHAMA.B.N	
19	1KS15TE021	KUNAL.P.KHANDELWAL	Absent
20	1KS15TE022	MUTHU PRIYADARSHINI.A	
21	1KS15TE023	NIHARIKA.R	Absent
22	1KS15TE024	NIKITHA.N.R	Absent

23	1KS15TE027	RAGHUL.R.BHARADWAJ	<i>Raghu</i>
24	1KS15TE028	RAGINI.M	<i>Ragini.M</i>
25	1KS15TE029	RAKSHITHA.K	<i>Ab</i>
26	1KS15TE030	RASHMI.R	<i>Rashmi</i>
27	1KS15TE031	RESHMA GEORGE	<i>Ab</i>
28	1KS15TE032	ROOPASHREE.R	<i>Roopashree</i>
29	1KS15TE033	SANGEETHA.D.B	<i>Sangeetha</i>
30	1KS15TE034	SANJANA.A	<i>Sanjana</i>
31	1KS15TE035	SHEETAL.J	<i>Sheetal</i>
32	1KS15TE036	SHRADDHA.U.BIRTHI	<i>Shraddha</i>
33	1KS15TE037	SHRAVYA.M	<i>Shravya.M</i>
34	1KS15TE039	SINDHU.C.A	<i>Sindhu.C.A</i>
35	1KS15TE041	SMITHA.S	<i>Ab</i>
36	1KS15TE042	SRIHARI.N.V	<i>Srihari</i>
37	1KS15TE043	SUDARSHAN KUMAR.T	<i>Sudarshan</i>
38	1KS15TE044	SUNEHA.S	<i>Ab</i>
39	1KS15TE045	SUSHMA KARANTH.N	<i>Sushma</i>
40	1KS15TE046	SUSHMA SATISH RAIKAR	<i>Sushma.S. Raikar</i>
41	1KS15TE047	SUSHMITHA.C	<i>Sushmitha.C</i>
42	1KS15TE048	SWATHI.R	<i>Ab</i>
43	1KS15TE049	RUKESH.T	<i>Ab</i>
44	1KS15TE050	TEJASHWINI.K.S	<i>Tejashwini</i>
45	1KS15TE052	VAISHNAVI.A.S	<i>Ab</i>
46	1KS15TE053	VINEETH.R	<i>Vineeth</i>
47	1KS15TE054	YAMINI.A.POOJAR	<i>Yamini</i>
48	1KS14TE057	ULLAS.U.KRISHNAN	<i>Ab</i>

**K.S.INSTITUTE OF TECHNOLOGY ,BANGALORE-109**  
**DEPARTMENT OF TELECOMMUNICATION ENGG**  
**LIST OF STUDENTS STUDYING IN VI SEMESTER**  
**FOR THE ACADEMIC YEAR 2018-19 (EVEN)**

Guest Lecture on "Introduction to python programming and its application"

Date: 19/02/2019

SI.NO	USN	Name of the Student	Signature
1	1KS16TE001	AISHWARYA MANJUNATHA	Aishwarya
2	1KS16TE002	AISHWARYA.R.K	Aishwarya
3	1KS16TE003	AMRITHA.S	Ab
4	1KS16TE004	ANAGHA.S.M	Anagha
5	1KS16TE005	ANANYA.M.RAO	Ananya
6	1KS16TE006	ANITHA.M	Anitha.M
7	1KS16TE007	ANKITHA	Ankitha
8	1KS16TE008	BHARATHI.H	Bharathi
9	1KS16TE009	BI BI KADEJATUL KUBRA	BE BE Kubra
10	1KS16TE010	CHANDAN.A.KOWSHIK	chandan.A
11	1KS16TE011	CHANDANA.N	Chandana
12	1KS16TE012	DARSHAN.B	Dasa
13	1KS16TE013	HARI PRIYA.G.B	priya
14	1KS16TE014	HARSHITH.H.V	Harshith
15	1KS16TE015	HARSHITHA.H	Harshitha
16	1KS16TE016	JENNIFER.J	Jennifer
17	1KS16TE017	JYOTHI.P	Jyothi
18	1KS16TE018	KARTHIK NARAYAN.L	Karthik
19	1KS16TE019	L.HIMANTH SASTRY	Himant
20	1KS16TE020	MOHAMMED MUEEN UL ISLAM	Mohammed
21	1KS16TE021	PALLAVI.C	Pallavi
22	1KS16TE022	PALLAVI.S	Pallavi

23	IKS16TE023	PAVANA.M	Pavna M
24	IKS16TE024	POOJITA MAGESH	Poojita
25	IKS16TE025	RAKSHITHA.B.N	Rakshitha B.N
26	IKS16TE026	RANJINI.N.V	Ranjini
27	IKS16TE027	REKHA.K.S	Rekha
28	IKS16TE028	RITUPARNA.A	Rituparna A
29	IKS16TE029	SHARVANI.G.R	Sharvani G.R
30	IKS16TE030	SHASHANK.M.K	Shashank M.K
31	IKS16TE031	SHIVALEELA	Shivaleela
32	IKS16TE032	SONU.G	Sonu
33	IKS16TE033	SOUKHYA.S.M	Soukhya
34	IKS16TE034	SRIHARI.K	
35	IKS16TE035	SRILAKSHMI.S	Srilakshmi
36	IKS16TE036	SRINIDHI.K	Srinidhi
37	IKS16TE037	SUMUKHA.R.U	Sumukha
38	IKS16TE038	SUSHMITA.K.R	Sushmita
39	IKS16TE039	VAMSHI GANESH.N	Vamshi
40	IKS16TE040	VARSHA.P	Varsha
41	IKS16TE041	VARSHA RANI SAH	Varsha Rani Sah
42	IKS16TE042	VARSHITHA.H.R	Varshitha H.R
43	IKS15TE025	RAGOTHAM P	Ragotham P
44	IKS15TE051	VISHNAVI	Vishnavi

(16)





# K.S.INSITITUTE OF TECHNOLOGY

## Department of Telecommunication Engineering

### Report on

### Guest Lecture – 8<sup>th</sup> March 2019

The Department Of Telecommunication Engineering had organized a talk on “**Career Path**” on Friday i.e. 8<sup>th</sup> of March 2019 by Mr.Guru Sharan. The talk began with a welcome speech by Amritha, 6<sup>th</sup> sem Telecommunication Department. The talk was organized to address the 6th semester students.

Guru Sharan got his Bachelor’s degree in Electronics and Communication from KSIT in 2014 and he is a proud KSIT Alumni. He graduated with his Master’s degree in Electrical and Computer Engineering from University of Florida,USA during 2016.

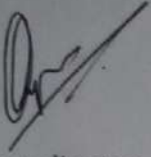
He started an e-commerce company called Barton-Town, an online social marketplace for trading products and services in US.He spoke about Start-up services, NRI services, Career services and job search. He also spoke about the Application process, SOP writing, LOR formatting, GRE, TOEFL, VISA counseling and University selection required to study abroad.

He shared his experience of his conference with Nick Keene, former CEO of Microsoft and other entrepreneurs from across the world.

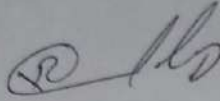


He made the session more interesting by showing various videos on practical applications of his project. The session was very interesting and informative, students had an opportunity to take a lot of information with them.

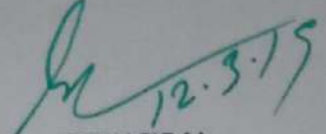
The talk ended with vote of thanks and the entire Department thanked Principal & Management for supporting us throughout the event and making this event a successful one.



Co-ordinator  
Dr.Manju.V.C



HOD  
Chanda.V.Reddy



PRINCIPAL  
Dr.T.V.Govindaraju



**K S Institute of Technology, Bengaluru – 109**

**Department of Telecommunication Engineering**

**Report on a Guest Lecture on “Data Structures Using C++”**

**Date of Guest Lecture:** 15/03/2019

**Venue:** Class Room - 401, K.S Institute of Technology, Bengaluru

**Organized by:** Department of Telecommunication Engineering, K.S Institute of Technology, Bengaluru

**Resource Person:** Vipula Bhalla, Business Executive, Livewire, Marathahalli,

**Scope and Objectives:**

Importance of Data Structures using C++ and its Applications.

This guest lecture on Data structures in C++ and its applications is organized for 6<sup>th</sup> semester students on 15<sup>th</sup> Mar 2019 between 1.30 pm – 4 pm. The Students were introduced to the different types of data structures used such as Linear Lists, Stacks, Priority Queues and Binary trees. The speaker introduced these topics and also demonstrated the program for Towers of Hanoi, Linked lists, Queues and Trees. The speaker advised the students to be head on with fast growing technical world by focusing on writing C++ codes for different applications.

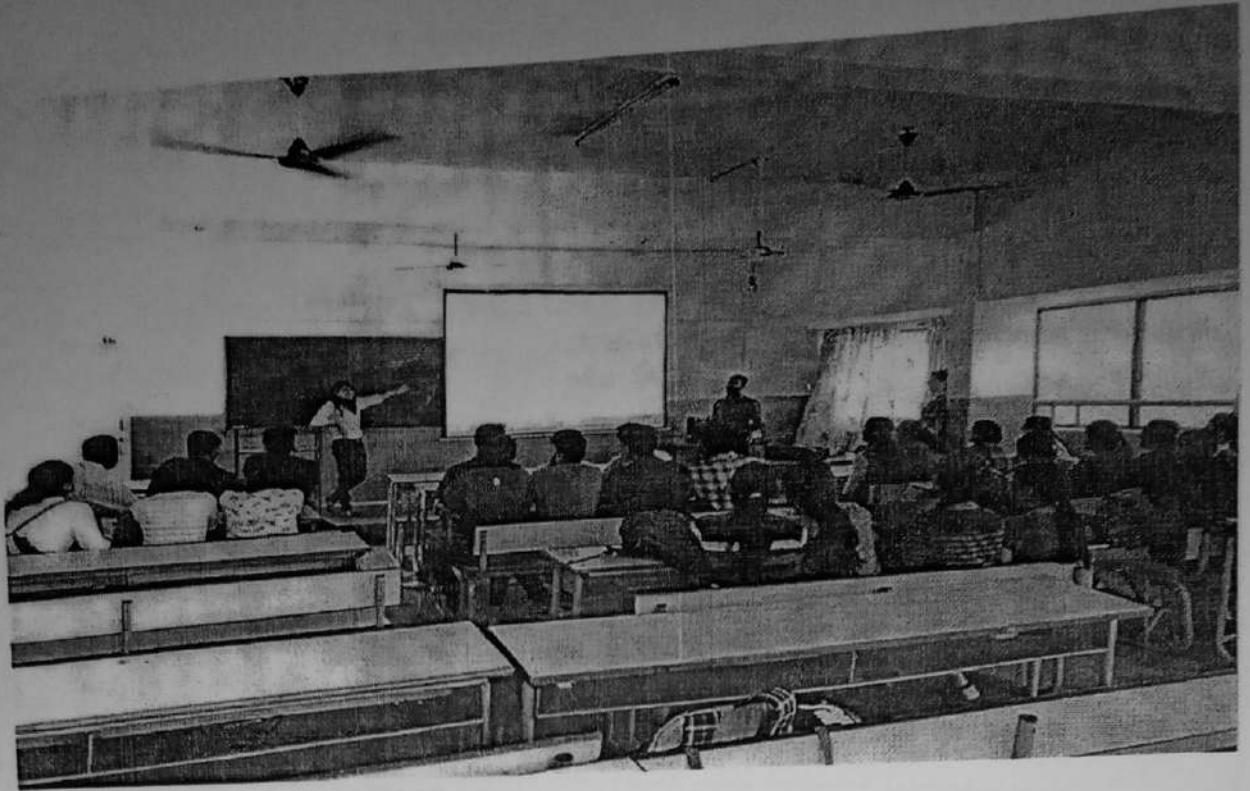


Fig 1: Speaker and Audience in TC Lecture Hall



Fig 2: Facilitation of the Speaker Ms. Vipula Bhalla

Report Submitted By

VIDHYA R

Asst. Prof., Dept. of TCE

*Midhyank*  
Staff Signature with date  
20/3/19

*[Signature]*  
21/3/19  
HOD

HEAD OF THE DEPARTMENT  
Dept. of Telecommunication Engg  
K. S. Institute of Technology  
Bengaluru - 560 109

*[Signature]*  
21.3.19  
Principal  
K. S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

**K.S.INSTITUTE OF TECHNOLOGY ,BANGALORE-109**

**DEPARTMENT OF TELECOMMUNICATION ENGG**

**LIST OF STUDENTS STUDYING IN VIII SEMESTER**

**FOR THE ACADEMIC YEAR 2018-19 (EVEN)**

**Workshop on Data Structures using C++**

**Date: 15/03/2019**

*Interested students of VIII sem*

Sl.NO	USN	NAME OF THE STUDENT	Signature
1	1KS15TE001	ABHILASHA.H.V	
2	1KS15TE002	ADITYA SRINIVASAN	
3	1KS15TE003	AKHILA.J	
4	1KS15TE004	AKSHATA.G.JOSHI	<i>Akshata</i>
5	1KS15TE005	ANNAPOORNA.M.G	
6	1KS15TE006	ANUSHA.R.MURTHY	<i>Anusha</i>
7	1KS15TE007	ARCHANA.P.S	
8	1KS15TE008	ARUNA KUMARI	<i>Aruna</i>
9	1KS15TE009	APSARA.B.S	
10	1KS15TE010	B.V.NAVYA	
11	1KS15TE011	CHAITRA.B.V	
12	1KS15TE012	CHANDAN.K.R	<i>Chandan</i>
13	1KS15TE013	CHETAN.R	<i>Chetan</i>
14	1KS15TE016	HARSHITHA.C.D	
15	1KS15TE017	JYOTHIKA.S	
16	1KS15TE018	KARTHIK.B	
17	1KS15TE019	KIRAN.P	
18	1KS15TE020	KSHAMA.B.N	<i>Kshama</i>
19	1KS15TE021	KUNAL.P.KHANDELWAL	
20	1KS15TE022	MUTHU PRIYADARSHINI.A	
21	1KS15TE023	NIHARIKA.R	

22	1KS15TE024	NIKITHA.N.R	
23	1KS15TE027	RAGHUL.R.BHARADWAJ	
24	1KS15TE028	RAGINI.M	
25	1KS15TE029	RAKSHITHA.K	
26	1KS15TE030	RASHMI.R	
27	1KS15TE031	RESHMA GEORGE	
28	1KS15TE032	ROOPASHREE.R	
29	1KS15TE033	SANGEETHA.D.B	
30	1KS15TE034	SANJANA.A	
31	1KS15TE035	SHEETAL.J	
32	1KS15TE036	SHRADDHA.U.BIRTHI	<i>Shraddha</i>
33	1KS15TE037	SHRAVYA.M	
34	1KS15TE039	SINDHU.C.A	
35	1KS15TE041	SMITHA.S	<i>Smitha</i>
36	1KS15TE042	SRIHARI.N.V	
37	1KS15TE043	SUDARSHAN KUMAR.T	<i>Sudhar</i>
38	1KS15TE044	SUNEHA.S	<i>Suneha</i>
39	1KS15TE045	SUSHMA KARANTH.N	
40	1KS15TE046	SUSHMA SATISH RAIKAR	<i>Sushma.S</i>
41	1KS15TE047	SUSHMITHA.C	<i>Sushmitha.c</i>
42	1KS15TE048	SWATHI.R	
43	1KS15TE049	RUKESH.T	
44	1KS15TE050	TEJASHWINI.K.S	
45	1KS15TE052	VAISHNAVI.A.S	
46	1KS15TE053	VINEETH.R	
47	1KS15TE054	YAMINI.A.POOJAR	
48	1KS14TE057	ULLAS.U.KRISHNAN	

K.S.INSTITUTE OF TECHNOLOGY ,BANGALORE-109

DEPARTMENT OF TELECOMMUNICATION ENGG

LIST OF STUDENTS STUDYING IN VII SEMESTER

FOR THE ACADEMIC YEAR 2018-19 (EVEN)

Workshop on Data structures using C++

Date:15/03/2019

Sl.NO	USN	Name of the Student	Sign
1	1KS16TE001	AISHWARYA MANJUNATHA	A
2	1KS16TE002	AISHWARYA.R.K	A
3	1KS16TE003	AMRITHA.S	A
4	1KS16TE004	ANAGHA.S.M	Anagha
5	1KS16TE005	ANANYA.M.RAO	Ananya
6	1KS16TE006	ANITHA.M	Anitha
7	1KS16TE007	ANKITHA	Ankitha
8	1KS16TE008	BHARATHI.H	Bharathi
9	1KS16TE009	BI BI KADEJATUL KUBRA	Kubra
10	1KS16TE010	CHANDAN.A.KOWSHIK	Ch
11	1KS16TE011	CHANDANA.N	Chandana
12	1KS16TE012	DARSHAN.B	Darshan
13	1KS16TE013	HARI PRIYA.G.B	Hari
14	1KS16TE014	HARSHITH.H.V	Harshith
15	1KS16TE015	HARSHITHA.H	Harshitha
16	1KS16TE016	JENNIFER.J	Jennifer
17	1KS16TE017	JYOTHI.P	Jyothi
18	1KS16TE018	KARTHIK NARAYAN.L	Karthik
19	1KS16TE019	L.HIMANTH SASTRY	Himant
20	1KS16TE020	MOHAMMED MUEEN UL ISLAM	Mueen
21	1KS16TE021	PALLAVI.C	Pallavi
22	1KS16TE022	PALLAVI.S	Pallavi
23	1KS16TE023	PAVANA.M	Pavana
24	1KS16TE024	POOJITA MAGESH	Poojita
25	1KS16TE025	RAKSHITHA.B.N	Rakshitha
26	1KS16TE026	RANJINI.N.V	Ranjini
27	1KS16TE027	REKHA.K.S	Rekha
28	1KS16TE028	RITUPARNA.A	Rituparna
29	1KS16TE029	SHARVANI.G.R	Sharvani
30	1KS16TE030	SHASHANK.M.K	Shashank
31	1KS16TE031	SHIVALEELA	Shivaleela
32	1KS16TE032	SONU.G	Sonu
33	1KS16TE033	SOUKHYA.S.M	Soukhya
34	1KS16TE034	SRIHARI.K	Srihari
35	1KS16TE035	SRILAKSHMI.S	Srilakshmi
36	1KS16TE036	SRINIDHI.K	Srinidhi
37	1KS16TE037	SUMUKHA.R.U	Sumukha
38	1KS16TE038	SUSHMITA.K.R	Sushmita
39	1KS16TE039	VAMSHI GANESH.N	Vamshi
40	1KS16TE040	VARSHA.P	Varsha
41	1KS16TE041	VARSHA RANI SAH	Varsha
42	1KS16TE042	VARSHITHA.H.R	Varshitha
43	1KS15TE025	RAGOTHAM P	Ragotham
44	1KS15TE051	VISHNAVI	Vishnavi

Total 38/44 = 86

# K.S.INSTITUTE OF TECHNOLOGY, Bangalore-109

## Department of Telecommunication Engg

### Guest lecture on "Introduction to 5G"

The department of telecommunication organized a technical talk on 'Introduction to 5G' for 8th and 6th sem students. The talk was presented by Mr. Mahesh Nayaka. M. A.

Mr. Mahesh has a bachelor of engineering in telecommunication from BMS college of engineering. He has a post graduate diploma in Enterprise management from small industries services Institute , Bangalore.

Mr. Mahesh started his career in Indian Telephone Industries, Bangalore, continuing his work as a research engineer in center for development of Telematics. He led the new product division with a peak team involved in 4G market study as a senior technical manager at MindTree wireless private limited. He was the head of the system engineering team for LTE/LTE- advanced based small cell solution in Radisys India private limited.

He is currently working on contributing for standards on features related to 5G, NR, LTE-advanced pro and beyond as an assistant vice president of Reliance JIO Infocomm limited, Bangalore.

Mr. Mahesh enriched the students knowledge by initially talking about the evolution of wireless communication from GSM to 5G and also about the visions of 6G.

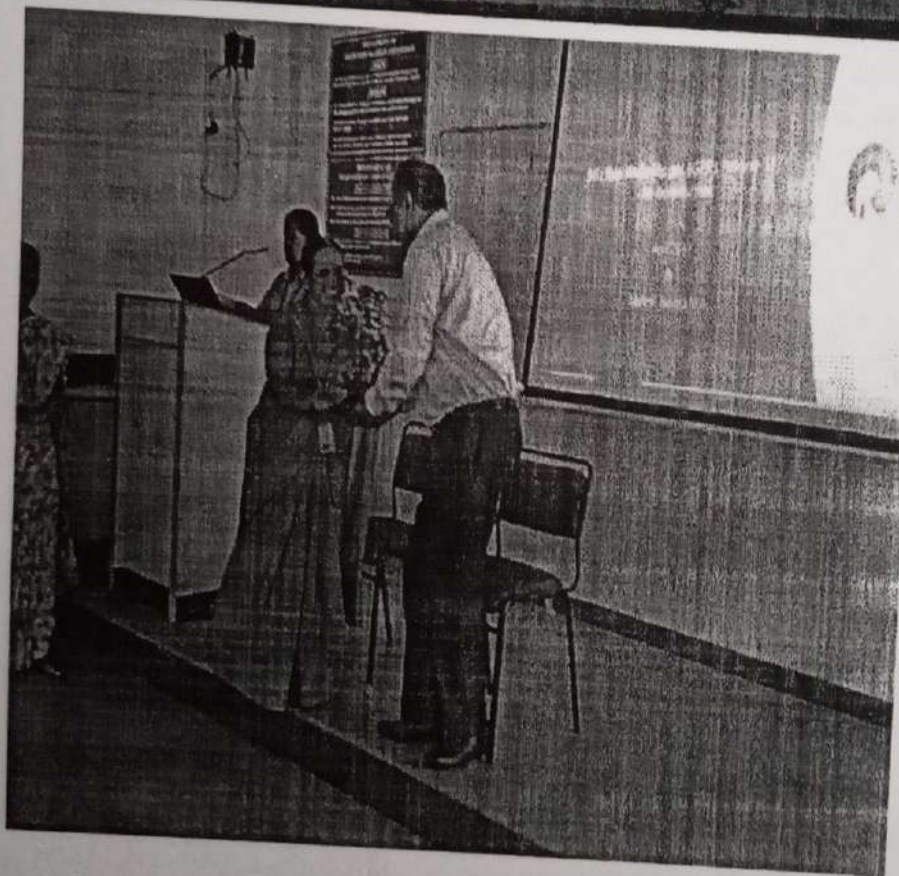
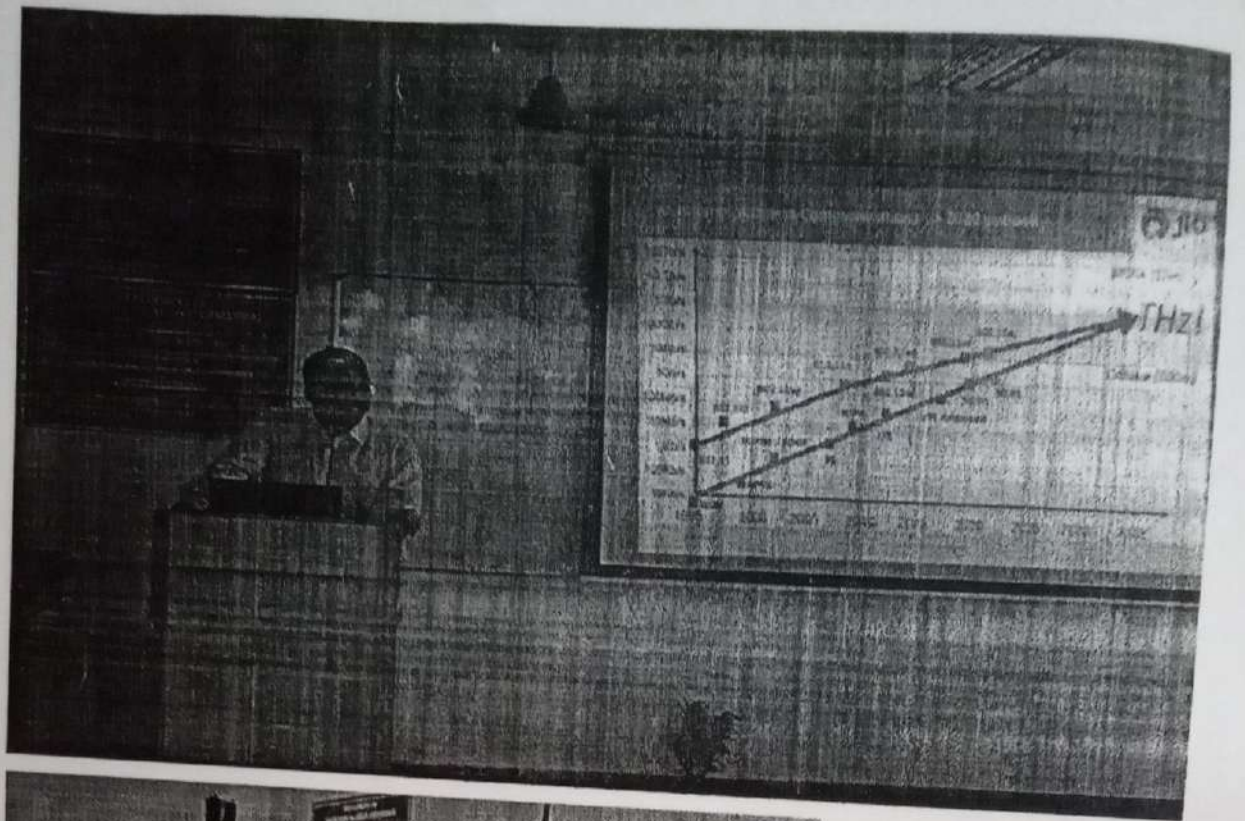
He included, after 1G, 2G, 3G and 4G LTE now comes 5G. It is the fifth generation of wireless network that is expected to be launched in 2020 in India and rest of the world. 5G will be based upon the combination of the existing wireless technologies like GSM, Wi-Fi, LTE etc and the new radio access technologies.

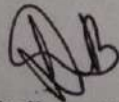
5G will bring higher capacity than the existing 4G network. It is expected to increase the data rates beyond 1gb per second and will provide higher broadband density to the users. It is estimated that peak download rate of data will be of 20/Gbits and upload rate will be of 10G/bits. There will be low latency and low battery consumption while using 5G that means it will increase the battery life upto 10 years and reduce network energy usage by 90%. Several hundreds and thousands of computers will be able to access simultaneous connections at a very high rate. Spectral efficiency will also be increased in 5G network.

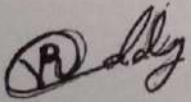
5G network will benefit the telecommunication sector to a great extent. It will provide better usage of smartphones by increasing their speed. It will introduce VR( virtual reality) and AR( Augmented reality) in smartphone sector.

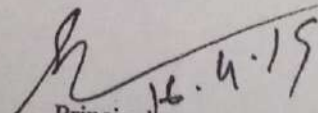
5G will also bring a biggest change by starting the era of driverless smart cars and smart homes.





  
 Staff coordinator

  
 HOD TE

  
 Principal 16.4.19