NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26/10/19

GUEST LECTURE

This is to inform all V semester students of ECE that the guest lecture is arranged on 26/10/19 at Chanakya Seminar Hall between 10:30 AM to 12:30 PM.

Topic to be delivered :"Applications of Data Structures"
Name of the Speaker : Mr. Vashak Sundaresh
Designation   : Core Java Trainer
Company   : Infosys, Bangalore

Respective subject teachers are hereby informed to be present at Chanakya Seminar Hall during the lecture.

All the faculty members are invited to attend the same without affecting the regular classes.

Guest Lecture Coordinator   HOD-ECE

Vaishak Sundaresh

Over 7 plus years of experience in academia and IT industry

Vaishak demonstrates strong analytical and problem solving capabilities combined with excellent communication skill which is useful in delivering creative ideas efficiently. He has worked extensively on C, C++ and Python projects and has the ability to create effective study materials and assessment reports.

Vaishak has expertise in

Programming in C for an Application.

Data Structure and Algorithm

Object Oriented programming using C++

Data Analysis using Python Programming

Core Java Fundamentals

Computer Networks and Operating Systems

He has trained over **1000+** engineers at Student Level.

He is a **Silver Level Partner** with Infosys for his contribution as a **Core Java Trainer** in Infosys Campus Connect Program, a collaboration program by Infosys and Acharya Institutes to bridge the gap between IT industry and academia.

He has **mentored** a consultancy project "Widma Portal" for Kennametal India Ltd, Bangalore during his years in academia.

Educational Qualification

Master of Technology (M.Tech) in Networking and Internet Engineering from Jawaharlal Nehru National College of Engineering, Shivamogga.

Bachelor in Engineering (B.E) in Computer Science and Engineering from East West Institute of Technology, Bengaluru.

Work Experience

Software Engineer - Faculty

Cranes Software International Limited, Bengaluru

December 2018 - October 2019

Mr. Vaishak Sundaresh has delivered College Training and has received positive feedback & appreciated well for his skill and method of delivery. Below are some of the training's;

Acharya Institute of Technology, Bengaluru

Core Java Training for multiple batches in collaboration with Infosys.

Gopalan College of Engineering, Bengaluru

C programming placement training for 2 days

Sathyabama Institute of Science and Technology, Chennai

Workshop on Machine Learning using Python for 3 days in Department of Electronics and Communication Engineering.

Sathyabama Institute of Science and Technology, Chennai

Placement oriented Training on C Programming for 6 days in Department of Electronics and Telecommunication Engineering.

Satish Dhawan Space Center, Shriharikota

Assisted to conduct training program on Web Technology (Advanced Java) to the scientists for 3 days

Techno India NJR Institute of Technology, Udaipur

Placement oriented Training on C Programming for 7 days in Department of Electronics and Telecommunication Engineering.

Satish Dhawan Space Center, Shriharikota

Assisted to conduct training program on Linux Kernel Programming and Device Drivers to the scientists for 3 days

Reva University, Bengaluru

Assisted in conducting workshop on IoT to the students for 2 days

PES College of Engineering, Mandya

Workshop on Python Programming for 3 days in Department of Electronics and Communication Engineering.

Assistant Professor

Acharya Institute of Technology, Bengaluru.

July 2012 - December 2018

Worked as a Mentor to the project "Widma Portal" developed by B.E and M.Tech student for Kennametal India Limited, Bangalore.

Worked as a trainer for Infosys Campus Connect Program - 2015 which is a collaboration program between Infosys and Acharya Institutes.

As a support to NBA coordinator, I have managed the documents of the department required for NBA accreditation.

Guided B.E students efficiently in completing a project for an exchange program between Acharya Institutes and Old Dominion University, Florida.

Guided UG and PG students efficiently in publishing papers in National Conferences and International Journals.

Subjects Handled:

Python Application Programming, Data Communication, Dot Net Framework for Application Development, Programming in C and Data Structures, Operating Systems, Computer Networks, Object Oriented Programming with C++, Computer Graphics and Visualization.

Refresher Courses (undergone)

Successfully completed "Introduction to Internet of Things" course conducted by NPTEL during the month of October 2017.

Attended 2 day workshop on "Network Simulator-3" organized by Acharya IT, Bengaluru in 2017

Attended 3 day training program on "Python Programming" conducted by Infosys in 2015.

Attended a 2 day workshop on "Protocol Engineering" organized by SIT, Tumkur in 2014.

Underwent training program on "Core Java Programming using Java SE 6" in NIIT, Bengaluru in 2012.

Technical Skill

Programming Languages: C, C++, C#, Core Java and Python Programming .

Database : MySQL, SQLite

IDE: Visual Studio, Netbeans, Eclipse, Atom.

Tools: Pandas, Numpy

Framework: Dot Net, Tkinter, Tensor Flow

SDLC methods - Complete project life cycle from requirement analysis, design, development, testing and support.

NEW HORIZON COLLEGE OF ENGINEERING
EPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERIN
V Sem "A" Sec

SL.No	USN	NAME	Signature	
1	1NH14EC015	AMUDHA G (Rejoinee)		
2	1NH16EC013	BOMMI REDDY YUGANDHAR REDDY (Rejoinee)		
3	1NH16EC027	ELDHO JOSE (Rejoinee)		
4	1NH17EC002	ADESH V		
5	1NH17EC003	ADITYA OMPRAKASH CHOUDHARY		
6	1NH17EC004	AKSHITHA R		
7	1NH17EC005	ANAND T	Anand T.	
8	1NH17EC006	ANAND T		
9	1NH17EC007	ANKIT KUMAR		[Department workshop]
10	1NH17EC008	ARUN Y S		
11	1NH17EC009	B S ABHISHEK		
12	1NH17EC010	B YAMINI		[department workshop]
13	1NH17EC011	BHARATH M		
14	1NH17EC012	BHARATH Y R		
15	1NH17EC013	BHASKAR K		
16	1NH17EC014	BOGGARAPU MOURYA YASWANTH		
17	1NH17EC015	BOREDDY NAGA MAHESWAR		
18	1NH17EC016	C O PRUTHVI		
19	1NH17EC018	CHETHAN B R		
20	1NH17EC019	DEEKSHITH N REDDY		
21	1NH17EC021	DEVASHRUTHA S		(LAB)
22	1NH17EC022	DHANYASHREE V REDDY	Danya	
23	1NH17EC023	DIVYA SAGAR REDDY		
24	1NH17EC026	G R VARSHA		[Department workshop]
25	1NH17EC027	GAGAN B K		
26	1NH17EC028	GAUTAM SINHA		
27	1NH17EC030	H K BHASKAR		
28	1NH17EC031	HARSHITHA G		
29	1NH17EC032	IVATURI S S HARSHAVARDHAN		[Spartan Run]
30	1NH17EC033	J RUTH SHARON		
31	1NH17EC034	JERIN JOHNSON		
32	1NH17EC035	JITENDER		
33	1NH17EC036	K S SIRISH		
34	1NH17EC037	K S SNEHA LATHA		
35	1NH17EC038	KARAN SRINIVAS		
36	1NH17EC039	KAVYASHREE S		
37	1NH17EC040	KEVINE PRASANNA KUMAR		
38	1NH17EC041	KUSHALA C		
39	1NH17EC042	M BHARAT		
40	1NH17EC043	M HEMANTH YADAV		
41	1NH17EC044	MADALA HIMAJA		
42	1NH17EC045	MADHUMITHA R	Mdh	[LAB]
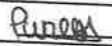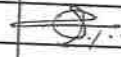
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43	1NH17EC046	MADHUPARNA BANERJEE	
44	1NH17EC047	MAMATHA B S	
45	1NH17EC048	MANIKANTA	
46	1NH17EC049	MANISH B	
47	1NH17EC051	MILAN SHANKAR RAO M	
48	1NH17EC052	MOHAMMED GHASSAN	
49	1NH17EC053	MONIKA K REDDY	
50	1NH17EC054	NANDURI SRILASYA	
51	1NH17EC055	NAVAJITH R REDDY	
52	1NH17EC056	NAVEEN K M	
53	1NH17EC057	NETTEM PARNITHA	
54	1NH17EC058	NIKITH BABU	
55	1NH17EC127	SUMAN PAL	
56	1NH17EC128	SUHAIL PASHA	
57	1NH17EC129	BATHULA SRI SAI KRISHNA	_Saile_
58	1NH17EC130	ANISHA DEVI	
59	1NH17EC131	ASHWIN S P	
60	1NH17EC132	MURAKONDA AVINASH	
61	1NH17EC133	THURPUNATI SURYA PRAKASH	_T.surya_
62	1NH17EC135	SAI KARTHIK P R	
63	1NH17EC137	GANGADHARA VARSHITHA	
64	1NH18EC405	Charan S	
65	1NH18EC407	Nagesh N Reddy	_Nagesh Reddy_
66	1NH18EC408	Pragati Shrinivas Naik	
67	1NH18EC409	Prashant Joshi	
68	1NH18EC410	Ravi S	
69	1NH18EC414	Santosh B Gonal	_Sign_
70	1NH18EC417	Spoorthi S T	
71	1NH18EC418	Swaroop M R	_sign_
72	1NH18EC421	Vinod K	
73	1NH18EC422	Yashwanth N K	_sign_
74	1NH18EC424	Naveen N	
75	1NH18EC425	Nikhil Gopal Krishna Sirsikar	
76	1NH18EC428	Sandeep Reddy V	
77	1NH18EC432	Vishal Nayak	_Nayak._

[Department workshop]
[Lab]

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NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V Sem "B" Sec

SL.No	USN	NAME	Signature
1	1NH16EC074	PAVAN KUMAR S (Rejoinee)	
2	1NH16EC111	VEDA MILIND (Rejoinee)	
3	1NH17EC060	NISHMITHA C SHETTY	
4	1NH17EC062	NITHIN R KALLIGUDI	
5	1NH17EC063	PALAGIRI JYOTHI KRISHNA	
6	1NH17EC064	PANUGANTI VIKAS	
7	1NH17EC065	PARTHASARATHI N	
8	1NH17EC066	PASSAVULA PHANINDRA	
9	1NH17EC068	PRANAY CHATURVEDY	
10	1NH17EC069	PRAVEEN KUMAR S	
11	1NH17EC070	PREETHU C	
12	1NH17EC071	PRINCE CHAURASIYA	
13	1NH17EC072	PUNEETH REDDY V	
14	1NH17EC073	R BARATH	
15	1NH17EC074	R KISHAN KUMAR SAI	
16	1NH17EC075	R RAGHAVA	
17	1NH17EC077	RAHUL V	
18	1NH17EC079	RENUKA D N	
19	1NH17EC080	RIYA RAKESH	
20	1NH17EC081	ROHITH P GOWDA	
21	1NH17EC082	RUPSA DATTA	
22	1NH17EC083	S RISHITA	
23	1NH17EC084	SAIKAT SAMANTA	
24	1NH17EC085	SAIMANTI SAHA	
25	1NH17EC086	SAMYUKTHA V	
26	1NH17EC087	SATEESH R HEGDE	
27	1NH17EC088	SHAKTHI A	
28	1NH17EC089	SHALINI P N	
29	1NH17EC090	SHARAN KUMAR K S	
30	1NH17EC091	SHIVA S	
31	1NH17EC092	SHOAIB AHMED	
32	1NH17EC093	SHRESTHA PATNAIK	
33	1NH17EC094	SHREYANKA S	
34	1NH17EC095	SHWETA S	
35	1NH17EC096	SOUVIK DAS	
36	1NH17EC097	SOWMIYA A	
37	1NH17EC099	STANISLAUS LASRADO	
38	1NH17EC100	SUHAIB AFNAN	
39	1NH17EC101	SUHAS H G	
40	1NH17EC102	SUHAS S P	
41	1NH17EC103	SUMITHRA V ARADHYA	
42	1NH17EC104	SUNIL PATIL	

[Department workshop]

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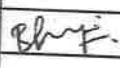
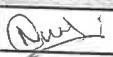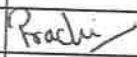| 43	1NH17EC105	SUSHMA S	
44	1NH17EC106	SYALE RAJ KUMAR	
45	1NH17EC107	TALLURI VENKATA VARUN SAI	
46	1NH17EC108	TEJAS K	
47	1NH17EC109	THEJAS U	
48	1NH17EC111	THOMMANDRU VENKATA SAI MANI TEJA	
49	1NH17EC112	UPPU GIRIDHAR	
50	1NH17EC113	V DHARANIDHAR	
51	1NH17EC114	V R SAI LAALITHYA	
52	1NH17EC115	V S MOUNIKA	
53	1NH17EC117	VIDHYA B	
54	1NH17EC118	VIDHYASHREE B M	
55	1NH17EC119	VINDHYA NARAYAN	
56	1NH17EC120	VISHWAJYOTHI B RESHMI	
57	1NH17EC122	Y C ABHAY KUMAR	
58	1NH17EC123	YADHEESH	
59	1NH17EC124	YASH MALVIYA	
60	1NH17EC125	YASSER FAIZ AHMED N	
61	1NH17EC126	VAISHALI M S	
62	1NH17EC134	SALLA GUNA PRADEEP	
63	1NH17EC136	GADE NAVEEN REDDY	
64	1NH17EC138	SYKAM KARTHIK REDDY	
65	1NH17EC139	NEELA LOKESH	
66	1NH18EC400	Aakash Singh N	
67	1NH18EC401	Abishek N S	
68	1NH18EC403	Akhilesh Venkappa Kshatri	
69	1NH18EC404	Bhanu Priya N	
70	1NH18EC412	Sagar V	
71	1NH18EC413	Sanjay P	
72	1NH18EC416	Shreekanta K S	
73	1NH18EC420	Vignesh R	
74	1NH18EC423	Bindushri K	
75	1NH18EC426	Niveditha Y N	
76	1NH18EC427	Pavan Y	
77	1NH18EC429	Sheshadhara Hegde	
78	1NH18EC431	Srilakshmi N	

HOD - ECE

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
V Sem "C" Sec

SL.No	USN	NAME	Signature
1	1NH16EC136	ALVIRA SUZANA (REJOINEE)	
2	1NH16EC701	A NAVYA SHREE	
3	1NH17EC420	Prathamesh Kadam (Rejoinee)	
4	1NH17EC700	AATHIRA VIJAYAN	
5	1NH17EC701	AJAY S	
6	1NH17EC702	AKSHAJA SHIMALNA O K	
7	1NH17EC703	ARAVIND P M	
8	1NH17EC704	ASHIKA P	
9	1NH17EC705	BHARGAVI	
10	1NH17EC706	CHANDU V J	
11	1NH17EC707	DHANUSH S	
12	1NH17EC708	DHINAKARAN S	
13	1NH17EC709	DISHANTH M P	
14	1NH17EC710	G DEEPIKA	
15	1NH17EC711	GAGANASHREE P S	
16	1NH17EC712	GRACE GLADYS A	
17	1NH17EC713	HARSHITH NAIDU J	
18	1NH17EC714	J BHAVANA	
19	1NH17EC715	JAYADEEP G P	
20	1NH17EC716	JILLELLA RUPASAGAR REDDY	
21	1NH17EC717	K AISWARYA	
22	1NH17EC718	KONDURU SIVARAMA RAJU	
23	1NH17EC720	LAVANYA S N	
24	1NH17EC721	MANISHA M N	
25	1NH17EC722	MANOHAR G	
26	1NH17EC723	MANOJ M R	
27	1NH17EC724	MUNAGALA BHARATH KUMAR REDDY	
28	1NH17EC725	NAINI NARAMA	
29	1NH17EC726	NAVEEN KUMAR M S	
30	1NH17EC727	NEHA KRISHNA	
31	1NH17EC728	NIDUJUVVI CHAKRADHAR	
32	1NH17EC729	NIKHIL DWIVEDI	
33	1NH17EC730	P K KANAKA SHARANYA	
34	1NH17EC731	PALVADHI VENKATA SAI PAVAN KALYAN	
35	1NH17EC732	PAVAN U	
36	1NH17EC733	PRACHI VERMA	
37	1NH17EC734	PRAJWAL P	
38	1NH17EC736	RAHUL BALAJI P S	

39	1NH17EC737	RISHIKA POTEPALLI	
40	1NH17EC738	RITWIK SHOME	
41	1NH17EC739	S DENILA GRACELIN	
42	1NH17EC740	S RAHUL YADAV	
43	1NH17EC742	SAHIB ARORA	
44	1NH17EC743	SANDHYA K	
45	1NH17EC744	SHARATH T P	
46	1NH17EC745	SHARON MOSES	
47	1NH17EC746	SHASHANK REDDY J	
48	1NH17EC747	SHASHANK S SALOTAGI	
49	1NH17EC748	SHIVANG DUBEY	
50	1NH17EC749	SIRISHA B S	
51	1NH17EC750	SOMA YASWANTH REDDY	
52	1NH17EC751	SREEKAR REDDY KALLAM	
53	1NH17EC752	SUHAS S	
54	1NH17EC754	THUMMALA SURYA DEVI VARAPRASAD	
55	1NH17EC755	USTHEPALLI ABHIRAM	
56	1NH17EC756	VARUN P	
57	1NH17EC758	Y SUCHARITHA	
58	1NH17EC759	YERRABALLI GURU SAI KUMAR	
59	1NH18EC402	Aiyappa K K	
60	1NH18EC406	Harshitha M	
61	1NH18EC411	Roja Parameshwar Ullikashi	
62	1NH18EC419	Tejaswini T R	

HOD - ECE

NAME OF THE EVENT/CLUB: Application of Data Structure

FEEDBACK ON(Mention the topic):   **DATE:** 26/10/19

Instruction: Please put a tick mark at the appropriate column.

Rating	Clarity	Visuals	Skills	Guidance	Overall
Excellent	✓		✓	✓	✓
Good		✓			
Average					
Satisfactory					

Comments/Remarks/Suggestions:

1.

2.

3.

Name & USN No.(optional)

Signature (optional)

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NAME OF THE EVENT/CLUB: Applications of data Structure

FEEDBACK ON(Mention the topic):   DATE: 26/10 8/19
Instruction: Please put a tick mark at the appropriate column.

Rating	Clarity	Visuals	Skills	Guidance	Overall
Excellent		✓	✓	✓	✓
Good	✓				
Average					
Satisfactory					

Comments/Remarks/Suggestions:
1.

2.

3.

Name & USN No.(optional)

Signature (optional)

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

NAME OF THE EVENT/CLUB: *Applications of Data Structure*

FEEDBACK ON(Mention the topic):

DATE: 26/10/2019

Instruction: Please put a tick mark at the appropriate column.

Rating	Clarity	Visuals	Skills	Guidance	Overall
Excellent	✓		✓	✓	✓
Good		✓			
Average					
Satisfactory					

Comments/Remarks/Suggestions:

1.

2.

3.

Name & USN No.(optional)

Signature (optional)

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NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

NAME OF THE EVENT/CLUB: Application of Data structures

FEEDBACK ON(Mention the topic):
Instruction: Please put a tick mark at the appropriate column.

DATE: 26/10/19

Rating	Clarity	Visuals	Skills	Guidance	Overall
Excellent				✓	
Good	✓	✓	✓	✓	✓
Average					
Satisfactory					

Comments/Remarks/Suggestions:

1.

2.

3.

Name & USN No.(optional)

Signature (optional)

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NEW HORIZON COLLEGE OF ENGINEERING,

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

GUEST LECTURE REPORT for the course "Programming with Data Structures" held on 26-10-19

The Department of **Electronics and Communication Engineering** of **New Horizon College of Engineering** had arranged a guest lecture on **26th October 2019** for the fifth semester students. The lecture on the topic **"Application on Data Structures"** was provided by **Mr. Vashak Sundaresh** is a 7+ years scholar it the field of acedemia and IT industry. He has his expertise in the field of C, Data Structure and Algorithm, OOP in C and Data analytic using python. He is "Silver level partner " with Infosys for his contributions as a "Core Java Trainer".

On 26/10/2019 he conducted a seminar for the students of ECE (semester : V) on the topic of " Application on Data Structures". He gave us an insight on the industrial application and usage of the various types of available data structure. He kept the session engaged with the various available data structures and each types' specific application.

He started the session with the type "Struct". he explained the basics of the data type and went on to explain the