NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20/09/2018

GUEST LECTURE

This is to inform to V semester students of ECE that the guest lecture is arranged on 22/09/18 at Chanakya Seminar Hall between 10AM to 11AM.

Topic to be delivered	:	**Robotics: History, current Trends, Future**
Name of the Speaker	:	**Akshatha Pai**
Designation	:	**Project Manager**
Company	:	**Sirena Technologies**

303

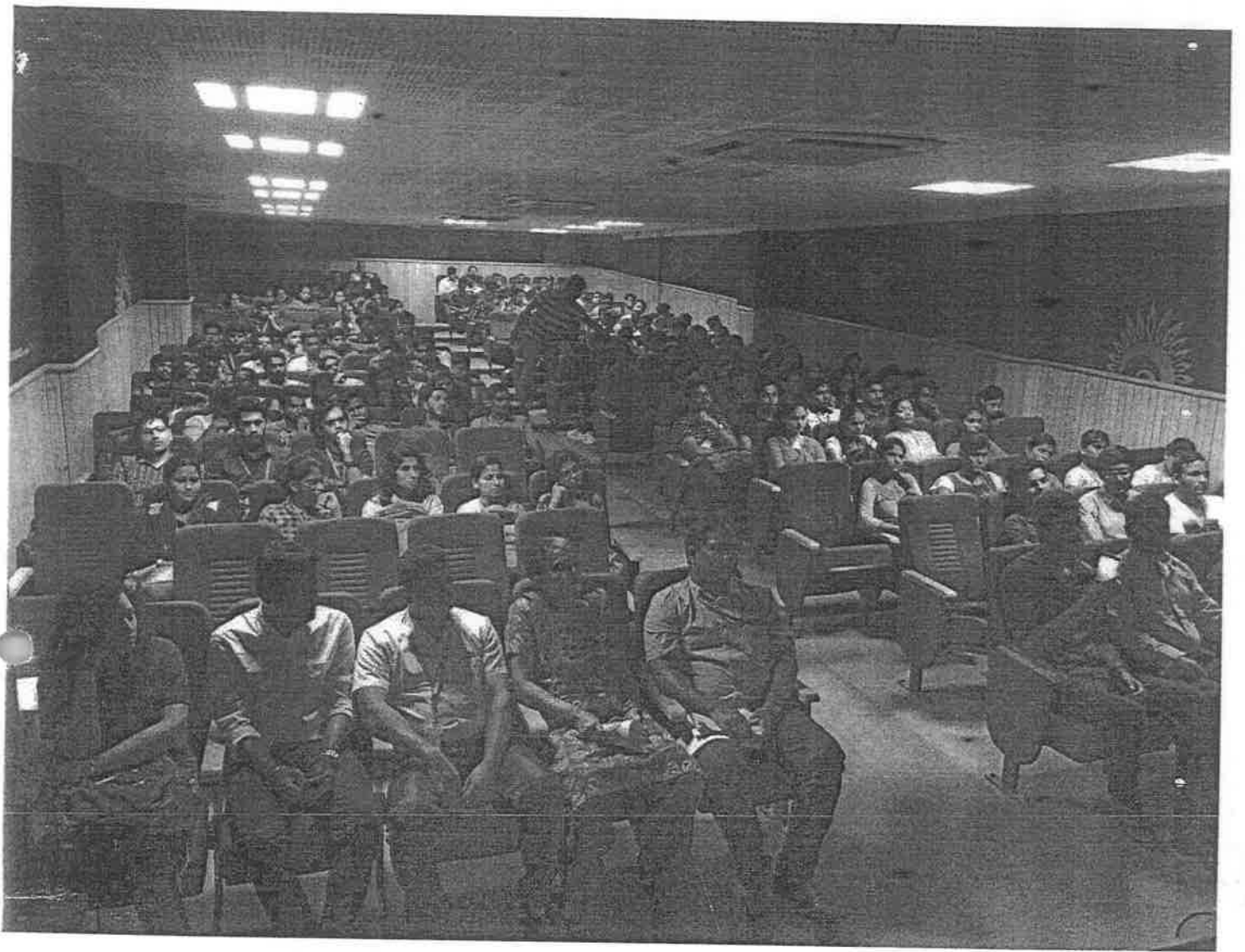Respective subject teachers are hereby informed to be present at Chanakya Seminar Hall during the lecture.

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

N. Dharmananth 20/09/18
Guest Lecture Coordinator

HOD-ECE

2014

305

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

SL.No	USN	NAME	Stream	BATCH
1	1NH16EC001	A M AMARJITH	EXE	A1
2	1NH16EC002	ABHISHEK KUMAR DESHETTI	EXE	A1
3	1NH16EC003	ADITYA C	EXE	A1
4	1NH16EC004	AFZAL HUSSAIN	EXE	A1
5	1NH16EC005	AKHIL JOSEF	EXE	A1
6	1NH16EC006	AKHILESH VARMA KALIDINDI	EXE	A1
7	1NH16EC007	AKSHAY RAO	PROF	A1
8	1NH16EC008	ANMOL KUMAR	EXE	A1
9	1NH16EC009	ANOOP.A	PROF	A1
10	1NH16EC010	ANUSHA H N	EXE	A1
11	1NH16EC011	ARUN.P	GLOBAL	A1
12	1NH16EC012	ATHIRA AJAYA KUMAR KULLULLY	EXE	A1
13	1NH16EC014	B SRIKANTH REDDY	EXE	A1
14	1NH16EC015	BHASKAR CHOUDHURY	EXE	A1
15	1NH16EC016	BIPIN DIXIT.H	EXE	A1
16	1NH16EC017	KIRAN C A	EXE	A1
17	1NH16EC018	ARUNA C	EXE	A1
18	1NH16EC019	C.LEHARIKA	EXE	A1
19	1NH16EC020	CHETHAN S	PROF	A1
20	1NH16EC023	DEEPAK KU. PRADHAN	EXE	A1
21	1NH16EC024	DEEPTHI R	EXE	A2
22	1NH16EC025	DENNIS VINCENT PAULRAJ	EXE	A2
23	1NH16EC028	ELLINKI JAHNAVI	PROF	A2
24	1NH16EC030	G AVINASH	PROF	A2
25	1NH16EC031	GIRISH JATTU GOUDA	EXE	A2
26	1NH16EC032	HARI PRASAD.R	EXE	A2
27	1NH16EC033	HARSH SRIVASTAVA	EXE	A2
28	1NH16EC034	JAGADEESH.D	EXE	A2
	1NH16EC035	JANANI.B.R	EXE	A2
30	1NH16EC036	GIRIVARDHAN K	EXE	A2
31	1NH16EC037	KALAMADI SREELEKHA	GLOBAL	A2
32	1NH16EC039	KIRAN N	GLOBAL	A2
33	1NH16EC040	KISHORE N	EXE	A2
34	1NH16EC041	K. VENKATA MOUNISH REDDY	EXE	A2
35	1NH16EC042	KORVI CHANDRA KIRAN REDDY	EXE	A2
36	1NH16EC043	KUSHI PONNAMMA.K.P	EXE	A2
37	1NH16EC044	LALITHAMBHA S M	EXE	A2
38	1NH16EC046	SACHIT M	EXE	A2
39	1NH16EC047	MADAN GOWDA.M	GLOBAL	A3
40	1NH16EC048	MADHU M DEVAMANE	PROF	A2
41	1NH16EC049	MANJULA.S	PROF	A2
42	1NH16EC050	MANJUNATH N	PROF	A3
43	1NH16EC052	MAURYA REDDY	PROF	A3
44	1NH16EC053	MEGHASHREE H M	EXE	A3
45	1NH16EC054	MEGHANA V	EXE	A3
			EXE	A3

46	1NH16EC055	MEGHASHREE R		
47	1NH16EC056	MISBAH TABASSUM AEJAZ	EXE	A3
48	1NH16EC057	MITHUN.V	EXE	A3
49	1NH16EC058	MOHAMMED ANAS	EXE	A2
50	1NH16EC059	MOHAMMED FAROOQH PASHA	EXE	A3
51	1NH16EC060	MOHIT R	EXE	A3
52	1NH16EC061	MOHIT SAHU	PROF	A3
53	1NH16EC062	MUJEER PASHA	EXE	A3
54	1NH16EC063	MAHESHWARI N	PROF	A3
55	1NH16EC135	AKULA ANIL BHARATH	EXE	A3
56	1NH16EC137	ANUPOJU SAI VENKAT THRIMURTHY	EXE	A3
57	1NH16EC138	ASHISH KUMAR . S	GLOBAL	A3
58	1NH16EC139	KARTHIK . K S	PROF	A3
59	1NH17EC400	AKASH PRASAD C	EXE	A3
60	1NH17EC402	ARATHI .V	EXE	A3
61	1NH17EC403	BHAVANI . V	EXE	A3
62	1NH17EC412	KIRAN . R	PROF	A3
3	1NH17EC423	RAJESHA . T . A	EXE	A1
4	1NH17EC429	SUPRITHA H . D	EXE	A1
			EXE	A3

307

HOD - ECE

SL.No	USN	NAME	Stream	BATCH	
1	1NH16EC064	NEHA MAHESH	EXE	B1	
2	1NH16EC066	NISHU DUBEY	EXE	B1	
3	1NH16EC067	NITESH K	PROF	B1	
4	1NH16EC068	NITHIN.E	EXE	B1	
5	1NH16EC070	MAHALAKSHMI P	EXE	B1	
6	1NH16EC071	DEEPAK P S	EXE	B1	
7	1NH16EC072	PARITHOSH VEMA	PROF	B1	
8	1NH16EC075	POOJA SHANTARAM NAYAK	EXE	B1	
9	1NH16EC076	PRAJWAL.T.J	PROF	B1	
10	1NH16EC077	PRANAY REDDY S	EXE	B1	
11	1NH16EC078	PRASHANTH GOWDA.R.S	PROF	B1	
12	1NH16EC079	PRAVEEN KUMAR S	PROF	B1	
13	1NH16EC080	PRESHIKA J M	EXE	B1	
14	1NH16EC081	PRITHIPA A	EXE	B1	
15	1NH16EC082	R.PAVAN RAJ	PROF	B1	
16	1NH16EC083	RAJVARDHAN	EXE	B1	
17	1NH16EC084	RAKSHITHA N	EXE	B1	
18	1NH16EC085	ROSHINI.M	EXE	B1	
19	1NH16EC086	RUSHAB.S.G	EXE	B1	
20	1NH16EC087	SAI KIRAN	EXE	B2	
21	1NH16EC088	SAI PRASHANTH	PROF	B2	
22	1NH16EC089	S P SAAJU	EXE	B2	
23	1NH16EC090	SAGAR	EXE	B2	
24	1NH16EC092	SANNAPANENI PAVANI	GLOBAL	B2	
25	1NH16EC093	SHAIK NOORULLA BASHA	EXE	B2	
26	1NH16EC094	SHAIKH ASIF	EXE	B2	
27	1NH16EC095	SHASHANK B	EXE	B2	
28	1NH16EC096	SHRAVIN.R.SEKHAR	EXE	B2	
29	1NH16EC097	SHRIPAD AITHAL	EXE	B2	
30	1NH16EC098	SIDDESH JALAGERI	EXE	B2	
31	1NH16EC099	JAGAN MOHAN REDDY	EXE	B2	
32	1NH16EC100	SIDRAMAPPA	EXE	B2	
33	1NH16EC101	SINDHU C R	EXE	B2	
34	1NH16EC102	SIVA CHALLA	EXE	B2	
35	1NH16EC103	SPOORTHY.G	PROF	B2	
36	1NH16EC105	SUSHMA CHIKKUR	PROF	B2	
37	1NH16EC106	T.E.HABISHEK	PROF	B2	
38	1NH16EC107	T.SAI DEEPTHI	EXE	B2	

No.	USN	Name			
39	1NH16EC109	UDIT BAHUGUNA	EXE	B2	
40	1NH16EC110	VARUN MISHRA	EXE	B3	
41	1NH16EC112	VEENA K	EXE	B3	
42	1NH16EC113	VIDYA VISHNU	PROF	B3	
43	1NH16EC114	VIJAY C	EXE	B3	
44	1NH16EC115	VIJAY KUMAR C	EXE	B3	
45	1NH16EC116	VIJAY S	PROF	B3	
46	1NH16EC118	VISHWANATH VEERANNA	PROF	B3	
47	1NH16EC119	W M MAGDOOM FUAAD	GLOBAL	B3	
48	1NH16EC120	YATHIN S	PROF	B3	
49	1NH16EC122	YESHWANTH J M	EXE	B3	
50	1NH16EC124	YESHWANTH.M	EXE	B3	
51	1NH16EC125	YESHWANTH.M.L	EXE	B3	
52	1NH16EC128	SIMON CHAUHAN	EXE	B3	
53	1NH16EC129	ASHOK CHOUDHARY	GLOBAL	B3	
54	1NH16EC130	M.V.K BHARATH	GLOBAL	B3	
55	1NH16EC131	NAMRATHA PRAKSAH	PROF	B3	
56	1NH16EC132	PREM KUMAR	EXE	B3	
57	1NH16EC133	SRIDHAR. P	EXE	B3	
58	1NH17EC401	AKSHAY GAMBHIR SADALAGI	EXE	B3	
59	1NH17EC407	GURURAJ SHIVASHANKAR NATIKAR	EXE	B2	
60	1NH17EC410	JYOTHI CHANDRASHEKAR	PROF	B2	
61	1NH17EC426	SACHIN . M	EXE	B3	
62	1NH17EC427	SHAMBULING V . PATIL	EXE	B3	
63	1NH17EC430	SUSHMITHA	EXE	B3	

309

HOD - ECE

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

SL.No	USN	NAME	Stream	BATCH	
1	1NH14EC001	Abhijith S Raj	EXE	C3	Abhi Raj
2	1NH14EC019	BHARATH P M	EXE	C3	
3	1NH14EC082	NAGA SIVA KUMAR REDDY	EXE	C3	
4	1NH14EC717	KEERTHANA A	EXE	C3	
5	1NH14EC726	P Likith Chowdary	EXE	C3	
6	1NH14EC748	Narendra Kumar U	EXE	C1	
7	1NH15EC007	A VIKRAM KUMAR REDDY	EXE	C1	
8	1NH15EC024	HARSHA E	EXE	C1	
9	1NH15EC063	NISHANT S	PROF	C3	
10	1NH15EC072	Pulibandla Harish	EXE	C2	
11	1NH15EC075	R RAGHAV SRIVATSAV	PROF	C3	
12	1NH15EC093	Sare Sai Sandeep	EXE	C2	
13	1NH15EC434	SUDHANYA S	EXE	C1	
14	1NH15EC701	ABHISHEK VP	EXE	C1	
15	1NH15EC707	Deepak Tomslee	EXE	C1	
16	1NH15EC715	Manoj Chandrashekar	EXE	C1	
17	1NH15EC717	Venkatasai Balakrishna	EXE	C2	
18	1NH15EC720	Pavan Kumar S	EXE	C3	Pavankumar S
19	1NH15EC736	RISHAV PAUL	EXE	C3	Rishav Paul
20	1NH15EC747	Shreyas.H	EXE	C2	
21	1NH15EC759	Vishnu.N.U	EXE	C2	
22	1NH16EC430	Vijay Kumar Y Valmiki	Prof	C1	
23	1NH16EC702	ABHISHEK KHOT	EXE	C3	
24	1NH16EC703	ABHISHEK PATTAJOSHI	EXE	C3	
25	1NH16EC704	ABU BAKAR SIDDIQ	EXE	C3	
26	1NH16EC705	AKSHAY.V	EXE	C3	
27	1NH16EC706	AMMIDAL VISHNU VIKAS	EXE	C3	
28	1NH16EC707	ANITA CHAUHAN	EXE	C3	
29	1NH16EC708	ANJU GOPINATH	EXE	C3	Anju
30	1NH16EC709	ASHUTOSH MANISH	PROF	C3	Ashutosh
31	1NH16EC710	B VAMSHI KRISHNA REDDY	EXE	C3	
32	1NH16EC711	BALAJI L	PROF	C3	L. Balaji
33	1NH16EC713	CHIRAG S	EXE	C3	
34	1NH16EC714	GAGANA M R	EXE	C3	Gagana MR
35	1NH16EC715	GOWRI SNEHA PRIYA S	EXE	C3	Sneha
36	1NH16EC716	GURRAM VENKATA NIKESH	GLOBAL	C3	
37	1NH16EC717	HARSHITA.P	EXE	C3	
38	1NH16EC718	JEEVAN.K	EXE	C3	jeevan
39	1NH16EC719	MITHUN KUMAR	PROF	C2	
40	1NH16EC720	KIRAN SAGAR N P	EXE	C2	
41	1NH16EC722	LINGRAJ JAMKHANDI	PROF	C2	

42	1NH16EC723	M ANISHA	EXE	C2	
43	1NH16EC724	M PRIYADARSHINI	EXE	C2	
44	1NH16EC725	MSVV RITVIK	EXE	C2	
45	1NH16EC726	MANJUNATH T	EXE	C2	
46	1NH16EC727	MANSOOR ELAHI	PROF	C2	
47	1NH16EC728	MOHAMMED ZEESHAN ALI	GLOBAL	C2	
48	1NH16EC729	SIVA NAGAMUNI REDDY	PROF	C2	
49	1NH16EC730	MOUNIKA E	EXE	C2	
50	1NH16EC731	THILAK PRASAD	PROF	C2	
51	1NH16EC733	NAWAZ KHAN	PROF	C2	
52	1NH16EC734	NISHA ANANDU NAIK	EXE	C2	
53	1NH16EC735	NIVEDITHA N	EXE	C2	
54	1NH16EC736	NIVEDITHA R	PROF	C2	
55	1NH16EC738	PAVITHRA.N	PROF	C2	
56	1NH16EC739	PAWAN KUMAR SRIVASTAVA	EXE	C2	
57	1NH16EC740	POOJA P CHOUHAN	EXE	C1	
58	1NH16EC741	PRAVEEN KUMAR	PROF	C2	
59	1NH16EC742	RACHANA.S	PROF	C2	
60	1NH16EC743	K RAGHAVENDRA	EXE	C2	
61	1NH16EC744	RAMYA.R	EXE	C2	
62	1NH16EC745	REDDY SHEKAR.B.S	EXE	C3	
63	1NH16EC746	RUCHIKA PRADEEP	PROF	C1	
64	1NH16EC747	S.SARAVANA	EXE	C3	
65	1NH16EC748	S SHYAM	EXE	C3	
66	1NH16EC749	SHRIYA.G	EXE	C1	
67	1NH16EC750	SINDHU A	PROF	C1	
68	1NH16EC751	SMITHA B S	EXE	C2	
69	1NH16EC752	SWATHI K	EXE	C1	
70	1NH16EC753	T.R. BHOOMIKA	PROF	C1	
71	1NH16EC754	TARUN SAI REDDY	EXE	C3	
72	1NH16EC755	ULTHI KEDARNATH	EXE	C1	
73	1NH16EC756	YESHASWINI K M	EXE	C1	
74	1NH16EC757	YUVASHREE R	GLOBAL	C1	
75	1NH16EC758	PRAVEEN.S	PROF	C1	
76	1NH16EC759	SHASHANK RAO.M	EXE	C1	
77	1NH17EC404	CHIRANJEEVI . K	EXE	C1	
78	1NH17EC405	B . N CHITHRASREE	EXE	C1	
79	1NH17EC408	JANARDHANA . T	PROF	C1	
80	1NH17EC409	JAYANTH . V	EXE	C1	
81	1NH17EC411	B . J KOWSALYA	EXE	C1	
82	1NH17EC415	MANASA . C	EXE	C1	
83	1NH17EC416	MANOJ . R	EXE	C1	
84	1NH17EC418	NAVEEN KUMAR . J	EXE	C1	
85	1NH17EC421	RAGHU . R	EXE	C1	
86	1NH17EC422	RAHUL JAIN	EXE	C1	
87	1NH17EC424	Rakesh Kumar -T	EXE	C1	

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

NAME OF THE EVENT/CLUB: Robots

FEEDBACK ON(Mention the topic): Nino   **DATE:** 22/8/18

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

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

Comments/Remarks/Suggestions:

1. It can put to more use in oder space.

2.

3.

Praveen Kumar. R   1NH16EC741
Name & USN No.(optional)

Pran Kr R
Signature (optional)

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

NAME OF THE EVENT/CLUB: Stan technologics

FEEDBACK ON(Mention the topic):

DATE: 22/8/18

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

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

313

Comments/Remarks/Suggestions:

1.

2.

3.

1NH16EC737/Mano009

Name & USN No.(optional)

Signature (optional)

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

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 2/8/19

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.

I NH16 EC060 Mohit

Name & USN No.(optional)

Signature (optional)

314

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

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic): Nino   **DATE:** 22/8/18

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.

NH18EC730 Kiran

Name & USN No.(optional)

Signature (optional)

3/5

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

NAME OF THE EVENT/CLUB: Guest lecture

FEEDBACK ON(Mention the topic): Robotics   **DATE:** 22-|09-|12
Instruction: Please put a tick mark at the appropriate column.

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

Comments/Remarks/Suggestions:

1. more demonstrations.

2. more on coding.

3. more interactions, (Public test).

Name & USN No.(optional)
Kishore N. (1NH16EC040)

Signature (optional)
Kishore N.

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

NAME OF THE EVENT/CLUB: ~~Robotics~~ Guest lecture

FEEDBACK ON(Mention the topic): Robotics   DATE: 22-9-18

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

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

Comments/Remarks/Suggestions:

1. More interaction with students

2. More visual demonstrations

3.

317

Name & USN No.(optional) Kiran .N (1NH16EC039)

Signature (optional) KiranN

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

NAME OF THE EVENT/CLUB: Robotics

FEEDBACK ON(Mention the topic):   DATE: 22/09/18

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: Robotics

FEEDBACK ON(Mention the topic):

DATE: 22/09/2023

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

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

Comments/Remarks/Suggestions:

1. useful information to all. Thank you for ur information about robots.

2.

3.

Charan. S.

Name & USN No.(optional)

Signature (optional)

319

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

NAME OF THE EVENT/CLUB: Robotic

FEEDBACK ON(Mention the topic):

DATE: 21/9/18

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: Robotics

FEEDBACK ON(Mention the topic):   **DATE:** 22/9/18

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)

321

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

NAME OF THE EVENT/CLUB: Robotics

FEEDBACK ON(Mention the topic):   **DATE:** 22|09|18
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: Robotics

FEEDBACK ON(Mention the topic):   **DATE:** 22/08/18

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)

REPORT ON ROBOTICS

A **robot** is a machine—especially one programmable by a computer capable of carrying out a complex series of actions automatically. Robots can be guided by an external control device or the control may be embedded within. Robots may be constructed to take on human form but most robots are machines designed to perform a task with no regard to how they look.

HISTORY OF ROBOTS

The word "robot" conjures up a variety of images, from R2D2 and C3PO of StarWars fame. Some people may alternatively perceive robots as dangerous technological ventures that will someday lead to the demise of the human race, either by outsmarting or outmuscling us and taking over the world, or by turning us into completely technology dependent beings who passively sit by and program robots to do all of our work. Russian-born American science-fiction writer Isaac Asimov first used the word in 1942 in his short story "Runabout." Asimov had a much brighter and more optimistic opinion of the robot's role in human society than did Capek. He generally characterized the robots in his short stories as helpful servants of man and viewed robots as "a better, cleaner race."

CURRENT TRENDS IN ROBOTICS

1. **Robot Training:** AI is making robots easier to train, which in turn makes them a more viable investment for smaller companies as it reduces the cost of installation, training and ongoing programming.
2. **3D Vision:** Even the simplest tasks a robot performs will depend on 3D machine vision to feed data into AI technology
3. **Cloud Robotics:** Robotic deep learning using image classification and speech recognition often relies on huge datasets with millions of examples. Cloud robotics allows intelligence to be shared across all robots in a connected environment.

FUTURE TRENDS IN ROBOTICS

1. **Adoption of Industrial Internet of Things (IIoT) Technology:** Robots will increasingly deploy smart sensors at the edge of production to collect data previously inaccessible to manufacturers. This trend is currently underway and will lead to new levels of productivity and efficiency.

2. **Industrial Cybersecurity as a Priority:** As robots become more connected to internal systems for data collection, the cybersecurity risks increase. Manufacturers will be forced to address vulnerabilities in their processes and invest heavily in cybersecurity to ensure safe, reliable production.

4. Open Automation Architectures Will Be Implemented: As robotic automation gains widespread adoption, the need for open automation architectures grows. Large industry players will work with industry organizations to produce standards and open documentation that make robotic integration easier while improving product compatibility.

6. Collaborative Robots Will Continue to Grow in Popularity :Collaborative robots can work safely alongside humans and are often far cheaper than their industrial counterparts. As collaborative robots become more capable in tough industrial settings, they will see greater adoption by manufacturers with strict ROI requirements.

325