

# NEW HORIZON COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

14.03.2018

## GUEST LECTURE

The ECE students are hereby informed that a guest lecture is scheduled on

**“Smart Cities”**

**on 16.03.2018.**

By

**Prof. Dr. Prithiviraj**

**Chairman, Corporate Social Responsibility,  
Government of Puducherry**


Timing schedule is as follows

S. No	Timings	Semester
1	11.00 AM - 12.30 PM	6

Respective subject teachers are hereby informed to be present in Falconry Seminar Hall during the schedule.

Note: Interested Faculty members are invited to attend the same (without affecting regular classes)

Venue: Falconry Seminar Hall

  
Guest Lecture Faculty in Charge

  
HOD ECE

14.03.18

## BRIEF PROFILE OF Prof.Dr.V.Prithviraj

**Prof.Dr.V.Prithviraj** completed his B.E. in ECE from CEG Guindy in 1972 affiliated to Madras University. He subsequently proceeded to Ahmedabad, where he had undergone a specialized PG Diploma in the field of Space Science and Satellite applications (**D.S.Sc.A**), This PG course was sponsored by SAC (**ISRO**) and PRL Ahmedabad affiliated to Gujarat University.

**Prof.Dr.V.Prithviraj** received his M.S. (By research) Degree in Electrical Engineering from IIT-Madras., Ph.D. in Electronics and Electrical Communication Engineering from IIT-Kharagpur specializing in Signal Processing techniques applied to Phased Array Antennas. He had served Pondicherry Govt Engg College as Principal from Aug 2008 to Jan 2013. He served as Principal Rajalakshmi Institute of Technology from May 2013 to Jan 2016 and after superannuation as Dean (ECE) at RIT till April '17. (He has over 3 decades of Teaching experience and 12 years of Research & Development Experience between the two IIT's in the field of RF & Microwave Engineering.) He had served Pondicherry (Govt) Engineering College (PEC) in the Department of Electronics and Communication Engineering for nearly three decades from inception and retired as Principal PEC in Jan 2013. He also served as Dean School Engineering at Pondicherry University from (2009-12) for a period of 3 years. He had served as Director, Information Technology Govt. of Pondicherry driving the e-Governance from Jun 2002 to Aug 2005. His major areas of interest include RF and Microwave, Satellite Communication, Broadband and Wireless Communication, Context Aware Systems, Software Defined Radio, Cognitive Radio, IMS, Telemedicine, e-Governance and Internet of Things.)

187  
Professor has filed **two patents**, One in the area of **Cognitive Radio** and the second is in the area of **Quadcopter Applications for monitoring the Electromagnetic Radiations**, (filed from RIT). He has guided **three (3) Ph.D** scholars, **44 M.Tech** students and around **125 B.Tech** students during his span of 30 years in the academic field. He has published over 100 research papers and has to his credit, 115 Google citations. He is the Recipient of the best research paper award titled "COFDM for Telemedicine Applications", selected by the Broadcasting Society of India in the year 2006.

(He was an expert member of **AICTE** Southern and South western regions for the period of nearly 4 years and an expert member of **NBA** for a period of 3 years from 2008 to 2011. Prof.Dr.V.Prithviraj is a member of **IEEE** and **IET** affiliated bodies and he is the recipient of an IEEE international award for Outstanding Branch Counselor in the year 1984 at **MIT-Manipal**. In addition to his academic experience he had served as an expert member for monitoring Indo-French International Projects in the field of **INFORMATION Technology**.)

Adjunct faculty with JSS university mentoring their <sup>Andro</sup> ~~CSRSAT~~ on e-earning  
(He is presently associated with the Govt of Pondicherry as **CHAIRMAN** of the Corporate Social Responsibility(CSR) from June 2017 and is planning to implement the scheme for 21 Govt Colleges within the UT of Pondicherry to improve the Employability opportunities for the students drawn across the 21 Colleges for the ensuing academic year.

**NEW HORIZON COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

VI Sem "A" Sec

GUEST LECTURE ATTENDANCE 16/03/18

SL.No	USN	NAME	Stream	SIGN
1	1NH14EC019	Bharath P M (Re-joiner)	Exe	
2	1NH14EC061	K S Divya Tej (Re-joiner)	Exe	
3	1NH14EC737	Abhishek Reddy V (Re-joiner)	EXE	
4	1NH14EC748	Narendra Kumar U (Re-joiner)	EXE	
5	1NH15EC001	Vinay Kumar Reddy	Prof	
6	1NH15EC018	Deexith S	Prof	
7	1NH15EC019	Denzel Abraham George	Prof	
8	1NH15EC022	Greeshma. R	Prof	
9	1NH15EC030	Janardhan.S.P	Glob	
10	1NH15EC031	Jayanth M K	Prof	
11	1NH15EC036	Karthik R	Prof	
12	1NH15EC040	Kesav. S	Prof	
13	1NH15EC045	Manikanta.K	Prof	
14	1NH15EC047	Mari Setti Venkata Ramakrishna	Prof	
15	1NH15EC048	Megha.D.R	Prof	
16	1NH15EC062	Nikhil Riyaz	Prof	
17	1NH15EC063	Nishant S	Prof	
18	1NH15EC065	Obili Srimidhi	Prof	
19	1NH15EC066	Pamisetty Udayabhanu	Prof	
20	1NH15EC076	Rachitha.M.R	Prof	
21	1NH15EC078	Radhika.B	Prof	
22	1NH15EC079	Riya Dey	Prof	
23	1NH15EC083	S P Rahul Kumar	Prof	
24	1NH15EC088	Saleh Junaid Ahmed	Prof	← ABSENT →
25	1NH15EC100	Shruthi Rajamani	Glob	← AB →
26	1NH15EC105	Shyla Shree.R	Prof	
27	1NH15EC106	Siddharh P	Prof	
28	1NH15EC112	SREE RENUKA AKSHITHA	EXE	
29	1NH15EC114	Sumanth.R	Prof	
30	1NH15EC116	Surendra Kumar	Glob	
31	1NH15EC125	Veda.J	Prof	← AB →

32	1NH15EC126	Vidhut Sharma	Prof	<del>Vidhut</del>
33	1NH15EC127	Virender Singh	Glob	<del>Virender</del>
34	1NH15EC129	Yakshika.A	Prof	Y.A. Sharma
35	1NH15EC131	S Reshma	Prof	S Reshma
36	1NH15EC406	Gayathri V (Re-Joinee)	EXE	Gayathri
37	1NH15EC413	Pavana M (Re-Joinee)	EXE	Pavana
38	1NH15EC423	Vinay M Sudhakar (Re-Joinee)	Exe	Vinay
39	1NH15EC430	Niveditha V (Rejoinee)	EXE	Niveditha
40	1NH15EC705	Chandana M	Prof	Chandana M
41	1NH15EC709	Goutham R	Prof	Goutham
42	1NH15EC719	Nirmal Anand	Glob	Nirmal
43	1NH15EC727	R. Hari Raj	Prof	R. Hari Raj
44	1NH15EC728	Raahul John Alex	Glob	Raahul
45	1NH15EC732	Ramya G	Prof	Ramya G
46	1NH15EC734	Rashmi.S	Prof	Rashmi.S
47	1NH15EC738	Rushika Ujjwal	Prof	Rushika
48	1NH15EC741	Sanjana Ranjan	Glob	Sanjana
49	1NH15EC748	Shuvam Pal	Prof	Shuvam
50	1NH15EC752	Suraj Kumar Sharma	Prof	Suraj
51	1NH15EC754	Syed Saqlain Ahmed	Glob	Syed Saqlain
52	1NH15EC756	Venkatesh T	Glob	Venkatesh
53	1NH16EC400	Chethan B R	Prof	Chethan
54	1NH16EC402	Harsha Vardhan R	EXE	Harsha
55	1NH16EC404	Hemavathi S	Prof	Hemavathi
56	1NH16EC405	Kavyashree M	Prof	Kavyashree
57	1NH16EC406	Kushal D Pravarda	Glob	Kushal
58	1NH16EC409	LOKESHARAO V	Exe	LOKESHARAO
59	1NH16EC410	M. Mrinal	Prof	M. Mrinal
60	1NH16EC414	Muralidharan E	Prof	Muralidharan
61	1NH16EC416	Naresh Babu	Prof	Naresh
62	1NH16EC421	Rakshitha N	Exe	Rakshitha
63	1NH16EC429	Ullas M S	Exe	Ullas
64	1NH16EC431	Aravind K	EXE	Aravind

\* 1NH16EC430 Vijay Kumar. Y. V Prof  
 1NH16EC422 AKShay Reddy Prof  
 1NH16EC424 Rohit R. Exe  
 1NH15EC 60 Thiribhawan-L Glob  
 1NH16EC407 Lavanya C.Y Glob  
 1NH14EC726 P. Likhitha chowdary - EXE  
 1NH14EC744 K. GOURAV EXE

73	1NH15EC759	Vishnu.N.U	EXE	← AB →
74	1NH16EC408	Lokesh	Exe	← AB →
75	1NH16EC422	Ramesh Birgi	Exe	← AB →
76	1NH16EC425	Sachin B S	Exe	Bi-B.S.

190

SL.No	USN	NAME	Stream	Sign
1	1NH14EC026	D Vedavathi Kiranmai(Re-Joinee)	EXE	D.V.
2	1NH14EC052	Priyanka Milton (Re-Joinee)	EXE	
3	1NH15EC020	Gadipudi Asrith	EXE	← AB →
4	1NH15EC021	Raghunadham	EXE	G. Asrith
5	1NH15EC041	Kolli Srinivasa Reddy	EXE	← AB →
6	1NH15EC042	Konuru Gopi	EXE	← AB →
7	1NH15EC044	Madala Kalyan Kumar	EXE	← AB →
8	1NH15EC055	Nagabhyru Kushvanth Chowdary	EXE	← AB →
9	1NH15EC059	Nanditha S	EXE	Nanditha S
10	1NH15EC064	Noti DineshKumar Reddy	EXE	
11	1NH15EC069	Pavan Kumar s	EXE	← AB →
12	1NH15EC074	Putti Reddy Akhil Reddy	EXE	
13	1NH15EC080	Roopa D Almeida	EXE	
14	1NH15EC082	Rushali Raina	EXE	Rushali
15	1NH15EC084	S.Suhas	EXE	
16	1NH15EC087	Sakkirala Satwik Yadav	EXE	← AB →
17	1NH15EC090	Sandhya B	EXE	← AB →
18	1NH15EC091	Sanjay Kumar.A	EXE	← AB →
19	1NH15EC092	Sanjeev Jayasurya.S	EXE	← AB →
20	1NH15EC094	Satish.J	EXE	
21	1NH15EC095	Shaik Sohail	EXE	← AB →
22	1NH15EC096	Sharath.N	EXE	← AB →
23	1NH15EC098	Shilpa.V	EXE	← AB →
24	1NH15EC099	Shreyas S	EXE	Shilpa.V
25	1NH15EC101	Shruti Jana	EXE	Shreyas S
26	1NH15EC104	Shwetha.R	EXE	Shruti Jana
27	1NH15EC107	Sneha P	EXE	AB
28	1NH15EC108	Sneha.S	EXE	Sneha P
29	1NH15EC110	Soundarya B K	EXE	Sneha.S
30	1NH15EC111	Sowmya.S	EXE	Soundarya B K
31	1NH15EC115	Suraj R	EXE	Sowmya.S
32	1NH15EC118	Tarun Gowda.S.M	EXE	Suraj R
33	1NH15EC119	Thanuja A	EXE	Tarun Gowda.S.M
34	1NH15EC122	V.Bharat Raj	EXE	Thanuja A
35	1NH15EC123	V Megha	EXE	← AB →
36.	1NH15EC715	Manoj Chandrasheka & Mali	EXE	Megha
37.	1NH15EC7A7	Shreyas H	EXE	Manoj Mali
			EXE	

36	1NH15EC124	Varikuti Harsha Vardhan Reddy	EXE	V.H. (A)
37	1NH15EC128	Virupaksha	EXE	(A)
38	1NH15EC130	Kaliki Poojasri	EXE	(A)
39	1NH15EC133	Namratha B R	EXE	(A)
40	1NH15EC134	Manoj Kumar K	EXE	(A)
41	1NH15EC700	Abhishek Gowda.K.M	EXE	(A)
42	1NH15EC702	Anusha.R	EXE	(A)
43	1NH15EC704	Basanagouda Patil	EXE	(A)
44	1NH15EC706	Vijay Krishna	EXE	(A)
45	1NH15EC708	Ekta Shukla	EXE	(A)
46	1NH15EC711	Hakesh Kolukonu	EXE	(A)
47	1NH15EC712	Hari Chandana Veldanda	EXE	(A)
48	1NH15EC713	I G Kevin Christopher Morris	EXE	(A)
49	1NH15EC716	Megha N	EXE	(A)
50	1NH15EC717	Venkatasai Balakrishna	EXE	(A)
51	1NH15EC718	Namrata Sudhir Katrale	EXE	(A)
52	1NH15EC720	Pavan Kumar S	EXE	(A)
53	1NH15EC722	Pavithra.R	EXE	(A)
54	1NH15EC723	Pradeep.K	EXE	(A)
55	1NH15EC725	Prathap R	EXE	(A)
56	1NH15EC726	Praveen P Nair	EXE	(A)
57	1NH15EC729	Radhika R	EXE	(A)
58	1NH15EC730	Rahul S	EXE	(A)
59	1NH15EC731	Rakshitha.L	EXE	(A)
60	1NH15EC733	Ramya R	EXE	(A)
61	1NH15EC739	S K Mohammad Akhleem Nawaz	EXE	(A)
62	1NH15EC740	S Krithika	EXE	(A)
63	1NH15EC742	Savita Shivanand Patil	EXE	(A)
64	1NH15EC743	Sharath C R	EXE	(A)
65	1NH15EC744	Shiva Prasad.H.S	EXE	(A)
66	1NH15EC745	Shivani Kumari	EXE	(A)
67	1NH15EC746	Shivani.V	EXE	(A)
68	1NH15EC749	Shwetha.P.S	EXE	(A)
69	1NH15EC750	Snehith .V. Gowda	EXE	(A)
70	1NH15EC751	Suraj Davis	EXE	(A)
71	1NH15EC753	Surya V	EXE	(A)
72	1NH15EC757	Manoj V	EXE	(A)

73 R Arunthi 1NH15EC735 | EXE | Arunthi

74) 1NH16EG 408 Lokesh. | EXE | Lokesh

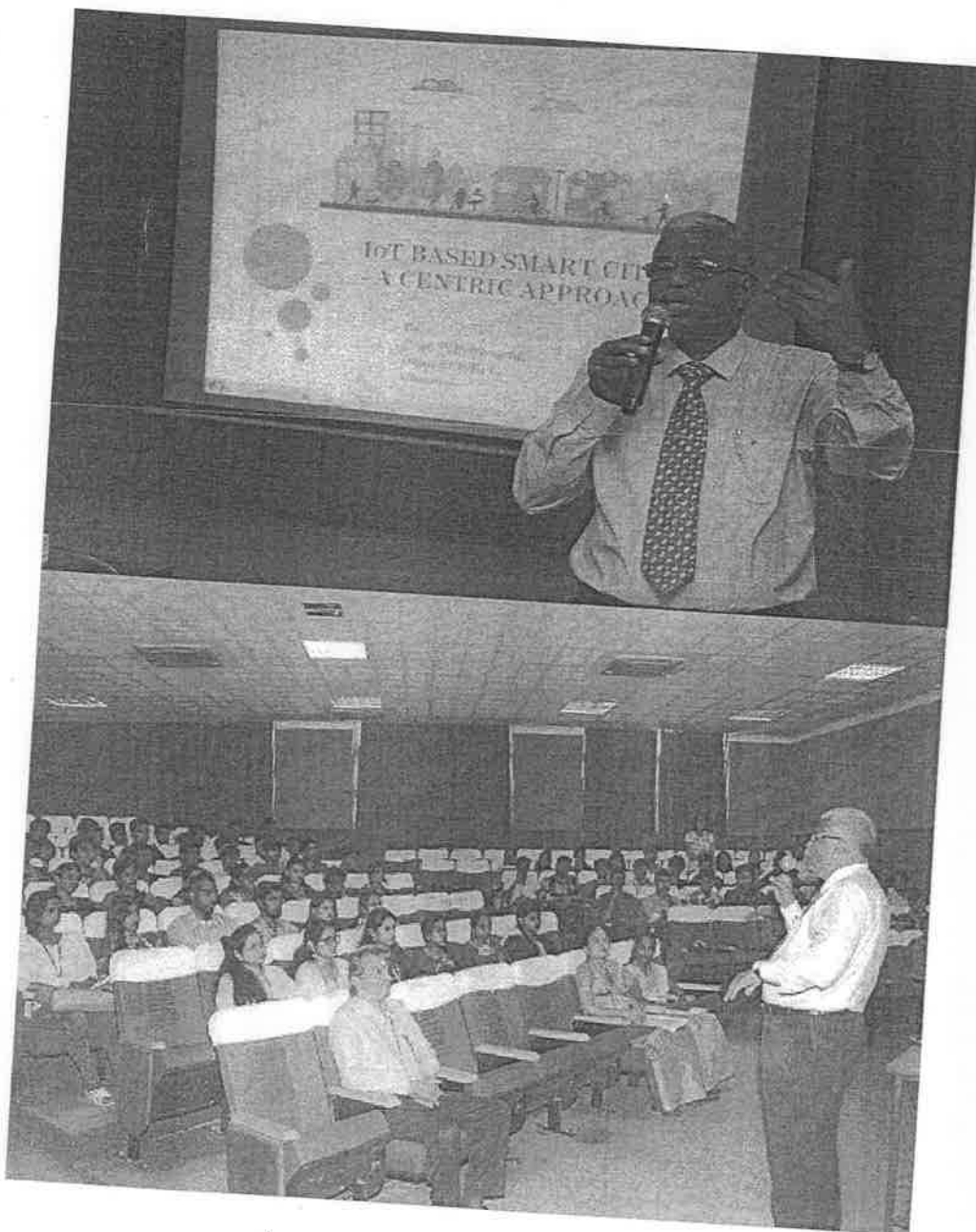
75) 1NH16EC 425 Samim. B.S. | EXE | Samim. B.S.

76) 1NH16EC 429 ... | EXE | ...

REPORT ON GUEST LECTURE

The Department of ECE conducted a Guest Lecture on "IOT BASED SMART CITY" on 16/03/2018 by Dr. V Prithviraj, Chairman, CSR, Govt. of Puducherry, for the students of 6<sup>th</sup> semester. The session started by discussing the social challenges and how the nation can cope with them. The cities need to be smarter in transport, water and energy. The speaker also mentioned about Sensinact – IOT platform for smarter cities. An example of Mobile atmospheric sensing with garbage collecting cars for monitoring the microbial actions was mentioned. The students were motivated and gave an insight into the enormous opportunities in IOT, Big Data and Networking sectors. The speaker also discussed the importance of e-Governance in the sustained growth of the country and inspired the students to be a part of it.

Photograph



93  
GUEST LECTURE COORDINATOR

all  
19/3/18

*Aravindan L*  
HOD