



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

(Affiliated to AU, Approved by AICTE & Accredited by NBA)  
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### **Hands on Workshop**

**On**

**Robotics with Artificial Intelligence**

**During 23-34<sup>th</sup> Feb 2018**

### **Report**

A 2-days workshop on Robotics with Artificial Intelligence for the students of undergraduates was organized on 23th and 24th Feb 2018 by department of Electronics and Communications Engineering in association with INV Technologies Visakhapatnam. Initial aim of the workshop sessions was to motivate students in design, estimation, fabrication and testing their own ideas of basic controlled robots using AI and IoT.

This workshop comprises of giving the participating students an idea about Robots, Robotics, Types of Robots and their applications, Career in Robotics, Introduction to Artificial Intelligence and IoT. There is considerable anecdotal evidence that students respond well in subjects involving programming of robots. Programming can be too abstract. By having to control a physical robot and seeing what goes wrong, students learn what robots can and can't do. They also learned the need for precise instructions. There's no doubt that there will be a need for people to be involved in programming mechanical devices in the foreseeable future. By programming robots, students can discover if they have aptitude and interest in a job market of the future. Programming Skill will be developed. They will read data from board, on sensor and social network.

In the first day students got familiar with the term Robot, how to identify whether a machine is a Robot or an autonomous bot, Robotics, Aspects of Robotics, philosophy of AI (Artificial Intelligence), Brief on Machine Learning and types of Robots. Informative videos from Boston Dynamics were shown to students. In the Second day students got familiar with, applications of AI and IoT were explained and showed. Applications included S.O.S Morse code, Bluetooth Controlled RC Car using simple LED and Arduino coding; Traffic Light Signaling using LED and Arduino coding.

Feedback from the students was collected and it suggested that they welcomed this initiative and they are motivated to explore more dimension in this platform also they are willing to do projects, research work and developing robots for competitions in future.

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Total Students Registered: 124

Name of the Resource Persons: L. Chandrasekhar, L. Mahesh

Address: I.N.V Technologies

47-7-24, B-3, Seshu Apartments, 4th Lane, Beside Gruhapriya Sweet, Pin code: 530016  
Dwaraka Nagar, Visakhapatnam, Andhra Pradesh

Phone: 097048 08143

Organized by: **TACHYON-2K18** (Department of ECE)

"Robotics With AI" 23-24 Feb 2018 Workshop Photos





Batch	Roll number	Dea Name	signature
1	316126512004	B.Harshitha	B. Deva Harshitha
	316126512023	G.Sai Nikitha	Sai Nikitha
	316126512031	M.Kshetrassri	M. Kshetrassri
	316126512012	Ch.Aparanjita	Ch. Aparanjita
2	316126512010	Ch.Shalini	Ch. Shalini
	316126512007	B.Madhan	B. Madhan
	316126512030	Madhuri	M. Madhuri
	316126512032	Nikhila	N. U. S. Nikhila
3	316126512013	D.Gurusaran	D. Gurusaran
	316126512045	P.Akhil	<del>P. Akhil</del>
	316126512046	Rohit	Rohit
	316126512047	pradeep	V. pradeep
4	316126512019	G.Yaswanth	G. Yaswanth
	316126512009	B.lokesh	B. Lokesh
	316126512055	V.Sai Sandeep	Sandeep
	316126512027	pavan	pavan
5	316126512061	A.Pratyusha	A. Pratyusha
	316126512063	A.Sai Bhargavi	A. Sai Bhargavi
	316126512064	A.Lavanya	A. Lavanya
	316126512078	G.Rohitha	G. Rohitha
6	316126512021	S.Manasa	S. Manasa
	316126512050	K.Ratnavathi	K. V. Ratnavathi
	316126512041	P.Nikhil	<del>P. Nikhil</del>
	315126512016	B.Akhil	B. Akhil
7	316126512164	Rupa	Rupa
	316126512205	Keerthi	Keerthi
	316126512192	MADAKA MOUNIKA	Mounika
		Lendi college	M SANTOSH
8	316126512207	G.Gayatri	G. Gayatri
	316126512204	C.Sirisha	Ch. Sirisha
	316126512193	S.Ruby Raghava	S. Ruby Raghava
	316126512199	G.Sravya	G. Sravya
9	316126512189	P.Kishore	P. Kishore
	316126512190	B.Ganesh	B. Ganesh
	316126512191	S.Purushotham Chowdari	S. Purushotham
	316126512213	K.Radhika	K. Radhika
10	316126512158	P.Asha Srikar	Asha Srikar

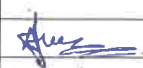


	316126512147	K.Satya venkata Madhav	<i>K. Madhav</i>
	316126512172	T.Sarath Kumar	<i>T. Sarath Kumar</i>
	Vishnu college	A MOUNIKA	<i>A. Mounika</i>





Robotics with AI Attendance 23-02-2018

Batch No.	Roll Number	Name	signature
11	316126512123	Afreen Mohammed	
	316126512143	K.Sai Swapnika	K.Sai Swapnika
	316126512156	N.Tejaswini	Tejaswini
	316126512179	Y.Sravya	Y.Sravya
12	316126512161	P.Sonia	Sonia
	316126512178	YANGALA SUJITHA	Sujitha
	316126512181	RAJANA LAHARI	Rajana
	316126512184	GARIKINA SAI BHAVANI	Sai Bhavani
13	316126512146	KODURU KARTHIK	K.Karthik
	316126512165	ROMALA JAYENDRA VENKATA YADAV	Jay
	316126512171	TEMBURU PAVAN	T.Pavan
	316126512174	UPPILI HIMA KIRAN	U.Kumabikiran
14	316126512182	MICHERLA PAVAN KUMAR	M.Pavan Kumar
	316126512197	BEESETTY BHANU JAGADEESH	B.B. Jagadeesh
	316126512198	KOTIPALLI JOGENDRA MANOJ KUMAR	K.J. Manoj Kumar
	316126512203	TANAKALA MADAN MOHAN	T.Madhan Mohan
15	316126512148	TARUN LAGUDU	Tarun
	316126512150	MALLA VINETHRA NAIDU	Vinethra
	316126512162	PUTHETI VAMSI KRISHNA	Vamsi
	316126512128	DHARMA PRANEETH BANDARU	Praneeth
16	316126512082	KASINA VIZIA VIDYA SAGAR	K.Vidya Sagar
	316126512084	KOMATI JYOTHI SIRISHA	K.Jyothi Sirisha
	316126512116	VAKA SREE PREETI	V.Sree Preethi
	316126512111	SANGEETHA BISAI	Sangeetha Bisai
17	316126512102	PADMANABHUNI MADHU KIRAN	P.Madhu Kiran
	316126512115	ETCHERLA KESAVA RAO	Etcherla Kesava Rao
	316126512117	VAKADA MOHAN SAI VAMSI	V.Mohan Sai Vamsi
	316126512119	VIPPARTHI SUNDAR ASHLESH KUMAR	Vipparthi Sundar Ashlesh Kumar
18	316126512121	ABDUL IRFAN	A.Irfan
	316126512125	A DINESH VENKATA SAI KUMAR	A.Dinesh Venkata Sai Kumar
	316126512136	G P VENKATA SANTOSH KUMAR	G.P. Santosh Kumar
	316126512163	R VIJAYA VENKAT SAI SIVA KUMAR	R.Vijaya Venkat Sai Siva Kumar



19	316126512131	DANGETI CHANDRA MOULI	D. Chandra Mouli
	316126512132	DANTULURI SAMYUKTHA	D. samyuktha
	316126512137	ISTARLA HADASA PREETHI	I. hadasa preethi
	316126512141	KANDARPA SAI NAVEEN	K. Sai Naveen
20	316126512085	KONA PHEBE VINOLIA	K. Phebe Vinolia
	316126512095	MOKULA ASHA JYOTHI	M. Asha Jyothi
	316126512099	NAMBARI GAYATRI SAMYUKTHA YADAV	N. Gayatri Samyuktha Yadav
	316126512103	PEMMADA PRAVEEN VARMA	P. Praveen Varma
21	316126512080	JALUMURU SWATHI	J. Swathi
	316126512094	GORLE MADHAVI	G. Madhavi
	316126512100	NIMUSHAKAVI SAI HARSHITHA	N. Sai Harshitha
	Vishnu college	G GREESHA	G. Greesha
22	316126512074	ELLAPU MOUNIKA	E. Mounika
	316126512083	KOLLI PREETHI	K. Preethi
	316126512106	POTNURU SANDHYA	P. Sandhya
	316126512105	POTHURAJU SUDHEER KUMAR	P. Sudheer Kumar
23	316126512157	VAMSI RAMAKRISHNA NETINTI	V. Netinti
	316126512167	SAMBANGI PRATAP	S. Pratap
	316126512173	UPPALAPATI VENKATA SATEESH VARMA	U. Sateesh Varma
	316126512139	JALDU ATCHUTA SANTOSH SAMPREETH	J.A.S. Santosh
24	317126512054	U BHARGAV	U. Bhargav
	317126512033	<del>BOINA BHAVITHA</del> KURMANA ANUSHA KEERTHI	K. Anusha Keerthi
	315126512064	KASINA SAI MAHESH	K. Sai Mahesh
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	315126512201	CHINTADA VIKAS	C. Vikas
26	316126512065	B. Divya	B. Vandana
	316126512149	M. Vandhana	M. Vandana
	316126512159	P. Anusha	P. Anusha
	316126512196	G. Vasanthi	G. Vasanthi
	LENDI college	M. Santosh	M. Santosh



27	GVP	P.HEMALATHA	P. Hemalatha
		L.RACHANA	L. Rachana
		P.NANDHINI	P. Nandini
		B.SINDHU BHARGAVI	B. Sindhu Bhargavi
28	GVP	K.SUPRIYA	K. Supriya
		K.NEELIMA	K. Neelima
		S. VJAYA LAKSHMI	S. Vijaya Lakshmi
29	GVP	K.B.L MANASA	K.B.L manasa.
		G. JYOTHI	G. Jyothi
		A. DHATRIJA	A. Dhatrija
		E. SRIVALLIKA	E. Srivallika
30	316126512170	S. NAVEEN KUMAR	S. Naveen Kumar
	316126512152	M SHIVA	M. Shiva
	316126512175	V PAVAN KALYAN	V. Pavan kalyan



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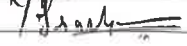
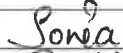















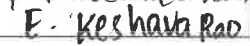








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28-11-2018  
29-11-2018  
30-11-2018

01-12-2018  
02-12-2018  
03-12-2018

REVENUE DEPARTMENT  
MADRAS

27	GVP	P.HEMALATHA	Hema
		L.RACHANA	Rachana
		P.NANDHINI	Nandhini
		B.SINDHU BHARGAVI	Sindhu
28	GVP	K.SUPRIYA	Supriya
		K.NEELIMA	Neelima
		S. VJAYA LAKSHMI	Vijaya lakshmi
29	GVP	K.B.L MANASA	Manasa
		G. JYOTHI	Jyothi
		A. DHATRIJA	Dhatrifa
		E. SRIVALLIKA	Srivallika
30	316126512170	S. NAVEEN KUMAR	S.Naveen Kumar
	316126512152	M SHIVA	M Shiva
	316126512175	V PAVAN KALYAN	V Pavan Kalyan

