

Ref.No. CEA/E&TC/2016/ 3343 (A)

Date:- 21/10/2016

To,
Mr. Yuvraj Pardeshi,
Director-Operations. ,
Yushai Systems, Shreyash Industries,
MIDC , Pimpri Chinchwad,
Pune

Subject: Request for delivering Expert lecture on topic "Entrepreneurship in the field of Robotics" dated 25th October 2016

Dear Sir,

It gives us immense pleasure to state that the Department of Electronics & Telecommunication Engineering of our institute organizes an Expert lecture for students.

As per discussion with Prof. N.M.Deshpande , Assistant Professor, Department of Electronics & Telecommunication Engineering, We would like to invite you to deliver Expert lecture on topic "Entrepreneurship in the field of Robotics" dated 25th October 2016 at 11:00 am.

Kindly accept our invitation to deliver lecture and give your consent.

Thanking you.


PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Yours sincerely,


(Dr. H.N.Kudal)
Principal

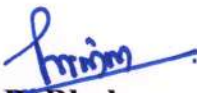
**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of Electronics & Telecommunication**

Notice

Date: 20/10/2016

All the S.E, T.E, B.E. students are hereby informed that Electronics and Telecommunication Engineering Department is arranging expert lecture on **"Entrepreneurship in the field of Robotics"** delivered by **Mr. Yuvraj Pardeshi**, Director-Operations. , Yushai Systems, Shreyash Industries, MIDC , Pimpri Chinchwad' Pune on **25/10/2016** Tuesday at 11:00 am.

All the students should present for expert lecture.


Prof. P.P. Bhalerao
Event Incharge


Dr. Anita K. Patil
H O D


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Report of the Expert Lecture

Date of the expert lecture: 25/10/2016

- Time :11.00am to 1.00pm
- Title: "Expert Lecture on Entrepreneurship in the field of Robotics".
- Name of the Expert: Mr. Yuvraj Pardeshi
- Designation: Director-Operations.
- Industry: Yushai Systems , Shreyash Industries , MIDC , Pimpri Chinchwad, Pune
- Profile: Model Based Developer
- Classes attended: SE, TE & BE students
- Number of students attended: 62
- Venue: Seminar Hall
- Event In-charge: Prof. P.P. Bhalerao
- Topics Covered
 1. Robotics
 2. Automation
 3. Startup Ideas

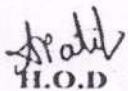
Course Objective: To Introduce Robotics & Automation

Course Outcomes

CO1: Students will get the knowledge about the field Robotics & Automation.

CO2: Student will get the basic knowledge for how to startup in the field of Robotics.


Event In charge
Prof. P.P. Bhalerao


H.O.D
Dr. Anita Patil




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Course Outcomes

CO1: Students will get the knowledge about the filed Robotics & Automation.

CO2: Students will get the basic knowledge for how to startup in the field of Robotics

CO-PO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3				3	3	3	3	3	3	3	3
CO2	3				3	3	3	3	3	3	3	3

CO-PSO Mapping

CO	PSO1	PSO2	PSO3
CO1	3		3
CO2	3		3

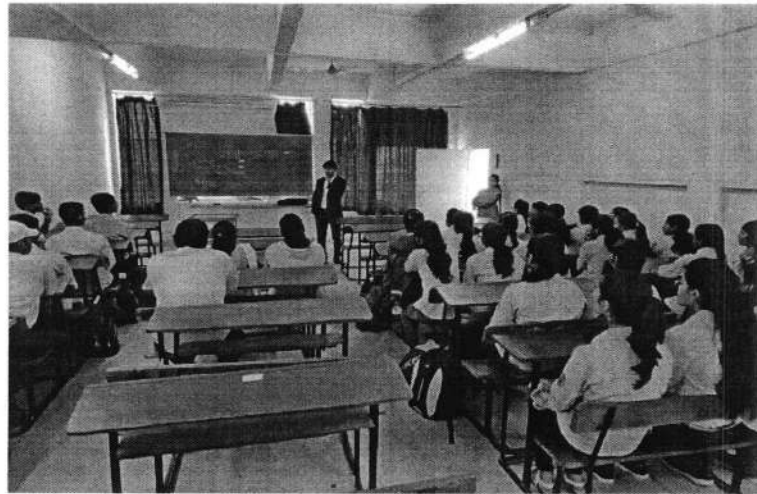
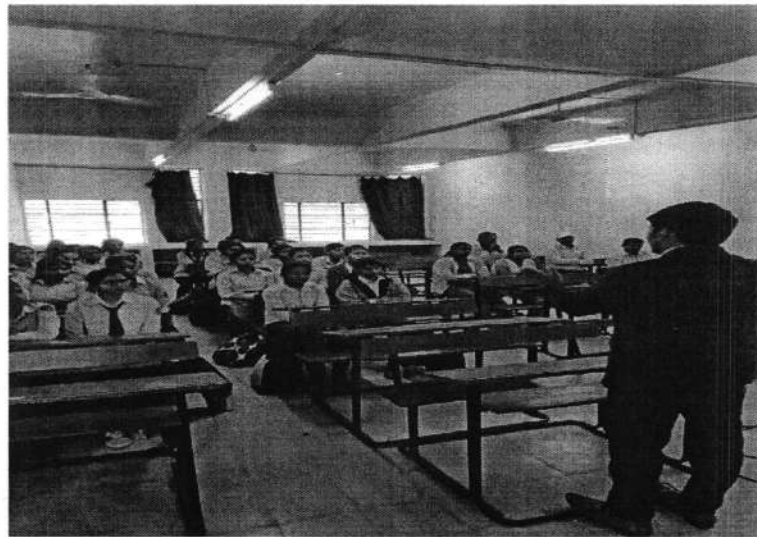



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Photo-Gallery

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Dr. Yashwantrao Vikhe Patil
College of Engineering
Ahmadnagar

Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of Electronics & Telecommunication

Contents

Introduction to Robotics World

- Definition of Robotics
- Different Parts of a Robot with Basic Block Diagram
- Robotics Past, Present and Future
- Industrial Robotics

Actuators & Motor Drivers

- Introduction to Motors
- Electromechanical Relays & Optoisolator
- Solid-state drivers: H-bridge, IC drivers
- Speed Control of Motors

Power Supplies

- AC Adaptor
- Different Types of Batteries

Introduction to Automation

- Basic principles and strategies of automation
- Overview of manufacturing operations
- Basic elements of an automated system
- Overview of industrial control systems
- Hardware components; sensors, actuators, ADC, DAC

Automation and Process Control


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- Logic control systems
- Programmable Logic Controllers
- Microcontrollers

Robotics and Automated Manufacturing Systems

- Industrial robotics
- NC technology
- Flexible manufacturing systems
- Computer Integrated Manufacturing


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Roll No.	Name of Student	
1	BAGADE RANI DIPAK	Rani
2	BELHEKAR SUCHITRA MACCHINDRA	Suchitra
3	BHINGARE VAISHNAVI SUNIL	
4	BORKAR ANAGHA RAJENDRA	
5	CHITTEWAN SHIVANI RAJENDRA	
6	DETHER AISHWARYA BALASAHEB	Dethe
7	DONGARE VIKAS DADABHAU	
8	GAJARE SONALI ARJUN	
9	GAUN PANKAJ KUMAR MUNDRIKA PRASAD	Gaun
10	GAWALI VIKAS DADASAHEB	Vikas
11	GUNJKAR PRATIKSHA DNYANESHWAR	
12	KHANDARE AKSHAY BALBHIM	Akshay
13	NAIR AKASH ASHOKAN	Nair Akash
14	PATIL RUTUJA PRADEEP	
15	PISAT CHHAYA SANJAY	
17	SATHE KOMAL BABASAHEB	Komal
18	SHAIKH RAJU RASHID	Raju
19	SHAIKH TEHASIN CHAND	Tejasin
20	SHINDE NIKHIL RAVINDRA	
21	SIDDHANI JAYKUMAR MAHESH	
22	SODNAR GAJANAN PANDURANG	
23	WADEKAR LAXMI RAMA	Laxmi
24	WADGE TEJSWI RAMNATH	Tejswi
25	WAGH NIKITA MAHESH	Nikita
26	KULKARNI NIKITA MUKUNDRAO	
27	GUNJAL SATISH SANTOSH	Satish
28	LAHASE AKASH SHANTAVAN	Akash
29	SHAIKH MUSKAN ASRAR	Muskan
30	PALVE AKASH SHIVPRASAD	Akash
31	PAWAR PRALHAD ANANDA	
33	RATHOD VISHAL VASNTRA	Vishal
34	BACHATE SUSHMITA YUVRAJ	
35	BANGAR MIRABAI SAKHARHARI	
36	BHAKARE POOJA MAHESH	Pooja
37	BHONDVE VAISHNAVI BANDU	
38	BHOSALE YUVRAJ AVINASH	
39	BORLIKAR VIKAS VINOD	Bhosale
40	BORUDE PRAMOD RAJKUMAR	
41	CHIKNE NARESH DNYANESHWAR	
42	DAHARE MAHENDRA RAMESH	
43	DANGE ANKITA ASHOK	Ankita
44	DHAWALE SMITA DADABHAU	
45	DONGARE DEEPA VITTHAL	
46	GAWALI MANISHA MANOHAR	Manisha



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Department of Electronics & Telecommunication

A.Y: 2016-17

Class: TE

Roll No.	Name of Student	
1	ANDHALE RENUKA PRADAD	Anahale Renuka
3	BANSODE AJINKYA VIJAY	
4	BARDE SACHIN PRAMOD	
5	BHANDARE SONAL ANANTRAO	Sonal
6	BHOR KIRAN SAHEBRAO	
7	BHUJBAL SAYLI ZUMBAR	
8	BISWAS SUPRITA NIRIPEN	
9	CHAUDHARI DURGESH CHANDRAKANT	
10	CHAVAN PANDURANG JANAK	
11	CHAVAN SANDEEP KESHAV	
12	DARANDALE BHAKTI KAILAS	
13	DEORE VISHAKHA VIJAY	
14	DEVKAR POOJA ASHOK	
15	DHAWALE AMRUTA ARUN	
16	DHEPE NIKITA BHAUSAHEB	
17	DOMALE GAURAV SANJAY	
18	DONGARE HINDDEVI ARUN	
19	DURGUDE BALIRAM ARJUN	Durkunde B.A.
20	GAIKWAD AJAY BALASAHEB	
21	GARGE OMKAR DHANANJAY	
23	GAWAI AMOL SHANKAR	
24	GAWALI BHAKTI SHANKAR	
25	GHOARE VAIBHAV KAMALKAR	Gawali Bhakti
26	GIRAM SURYAKANT BALBHIM	
28	HAMPE POOJA SHEKHAR	
29	JAGTAP YOGESH BHAUSAHEB	
30	KADAM ROSHAN SANJAY	
31	KADAM MINAKSHI JALINDAR	Kadam Minakshi
35	KASAR SHUBHAM RAJESH	
37	KHARADE SONALI ANANDA	
38	KOLHE GOKUL BHAU	
39	KUDALE KOMAL RAJENDRA	
40	KULKARNI VAISHNAVI SUNIL	
42	LANDGE SUDHIR NAMDEV	Landge Yashdev Sonir
43	MADAKE KOMAL BABASAHEB	
46	MODHAVE MADHURI NAMDEV	
47	MORE NAMRATA BAPUSAHEB	
48	MOTE ASMITA SANJAY	
49	MULAY AKSHAY RAOSAHEB	
50	MULE AAKASH BABASAHEB	
51	MULIK MAYA VISHNU	Mulik Praya
52	MUNOT NEHA DILIP	
57	PAGIRE SUPRIYA SANDIP	
59	PATIL PRAFULLA DILIP	
60	PAWAR SHITAL VASANTARAO	
61	PISE UMESH MACHHINDRA	Pise Umesh
63	SAINDAR DILIP SHIVAJI	
64	SHAH KUNJALA PRAVIN	



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॥ नहि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
DR. VITHALRAO VIKHE PATIL FOUNDATION'S
Dr. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING

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& recognized by A.I.C.T.E., New Delhi & Govt. of Maharashtra
Accredited by NAAC, Bangalore

65	SHAIKH ASIF NASIRGULAB	Shah Asif
66	SHELAR VIJAY VISHVNATH	
67	SHELKE JAYASHRI BALU	
68	SHELKE PRAJAKTA ARJUN	Prajakta Shelke
69	SHINDE MANISHA AMBADAS	
70	SHINDE DHANASHRI SUBHASHRAO	
74	SUDRIK SUKANYA DNYANESHWARRAO	Sudrik Sukanya
76	THANAGE ROHIT MOHAN	
77	THOKAL PALLAVI SHIVAJI	
78	THOMBARE TRUPTI BHIMRAJ	
79	THORAT APURVA ANANT	Thorat Apurva
80	TILEKAR SHUBHANGI RAOSAHEB	
82	TUPVIHIRE DIKSHA RATAN	
84	VYAPARI SHREYA RAJENDRA	
86	WAGHUNDE ANJALI BALASAHEB	Vyapari Shreya
87	WAGHUNDE KOMAL SUKHADEV	
88	WAHATULE ASHWINI SUGRIV	
89	YANNAWAR TUSHAR JAYWANT	
90	AKOLKAR NIKITA RAJENDRA	
91	KAKADE RAHUL APPASAHEB	Kakade Rahul
92	KAZI SAQLAIN IKBAL	
93	KUMAR SANDEEP NATHURAM	
94	MISHRA ANKIT SUBHASH	Mishra Ankit
95	PAWAR VISHAL CHANDRAKANT	
97	SHAIKH MOHAMMEDNAWAZ SHAHAJAHAN	
98	VIGHNE SACHIN SHIVAJI	
99	MISKIN SWAPNIL SANTOSH	Miskin Swapnil
100	LIMBIKAR RADHIKA PRAKASH	
101	KULKARNI UMESH RAMESHRAO	
112	SABLE KOMAL	Sable Komal



[Signature]
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Department of Electronics & Telecommunication

A.Y: 2016-17

Class: BE

Roll No	Name of the Student	Marks
1	ADHAV MANISHA KARBHARI	Adhav
2	ADIGOPUL SHIVANI DATTATRAYA	
3	AHER SHILPA KISAN	
4	AKOLKAR AMOL SONYABAPU	Akolkar
5	AMATE AJINKYA BALASAHEB	
6	ANAP SUPRIYA BHAUSAHEB	Anule Harsham
8	ANDHALE HARSHADA UDHAV	
9	ARSUDE VIJAYKUMAR PRABHAKAR	Arsude
10	ASHWINI MADHUKAR PATIL	
11	AWARE DIPAK VASANT	Aware
12	BAHIR AKSHADA BALKRUSHNA	
13	BAMNIKAR DAMINI DIPAK	Bamnikar Pamin
14	BHAKARE MONIKA RAOSAHEB	
15	BHALERAO ANIKET ASHOK	Bhat B.R.
16	BHAT SHAILESH RAMESH	Bhat Shailesh
17	BHONDE AKSHAY EKNATH	
18	BHUJBAL AISHWARYA EKNATH	
19	BINIWALE SHUBHAM RAVINDRA	Biniwale Shubham
33	DHAWALE SANDHYA SHIVAJI	
34	DHAWALE ASHWINI GORAKH	
35	DHERE SUPRIYA RAGHUNATH	Dhere
36	DHUMANE ANKITA SURESH	
37	DWARKE PRIYA ASHOK	
38	FAND VRUSHALI RAMDAS	Fand
39	FRANCIS KEVIN ROMAIN	
40	GAIKAWAD AKASH SUDHAKAR	Gaikawad A
41	GAIKWAD SWATI RAGHUNATH	
42	GAYKAR MINAL RAJARAM	
43	GHODKE VAIBHAV MAHADEO	Ghodke Ankita
44	GHUMARE PRIYAKA PANDURANG	
45	GUNDELI PRASHANT BALKRUSHNA	
46	HOSHING MADHURA MUKUND	Hoshing
47	INAMKE NEHA RAJENDRA	
49	JADHAV PRIYAKANT TANAJI	
50	JADHAV JALINDER DNYANDEO	
51	ANNU JAGLAN	Annu Jaglan
52	JAGTAP RUPALI SHRINIVAS	
53	JAMKAR SHITAL SAHEBRAO	Jamkar Shital
54	KADAM NITISH BALASAHEB	
55	KADLAG PRANALI SANJAY	
56	KAKADE KAMINI BABANRAO	
57	KALE ROHINI GOPINATH	Kale Rohini
59	KALE VISHNU SATWA	Kale Rohini
61	KARPE MONIKA NANDU	
62	KATARIYA ATUL HARISH	
63	KAWEKAR PRANJALI PRAMOD	Kawekar Pranjal
64	KEDARI OMKAR VIJAY	
65	KHALADKAR PRIYANKA CHANDRAKANT	



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66	KHANDAPURE SHIVPRASAD SURYAKANT	
67	KHARAD PRAVINSINGH BALIRAM	<u>Kharad</u>
68	KHARAD NIKITA DYANDEO	
69	KOLHE PANKAJ RAMESH	
70	KOTHULE SAVITA RAJENDRA	
73	KULKARNI AARTI PRASHANT	
74	LAD SHUBHANGI EKNATH	
75	MAINDAD SWATI NAVNATH	
76	MALUNJKAR RUTUGANDHA	
78	MANE DIPALI SHAHAJI	<u>Dipali s. Mane</u>
79	MHASKE PRIYANKA RAMESH	
81	MORE HARSHVARDHAN BALASAHEB	
82	MORE DHANASHRI RAJKUMAR	
83	MUNDHE GANGARAM VAJNATH	
84	MURKUTE SANCHITA EKNATH	<u>Murkute s. E.</u>
85	MYANA VISHAL DNYANESHWAR	
86	NAGAPURE ANJALI RAMESH	
87	NAGARE SHRUTIKA SHRIDAR	
88	NAGARE CHAITALI HANUMAN	<u>Nagare chaital</u>
89	NAGARKAR MAYUR VILAS	
90	NAIKWADE RAHUL ASHOK	
91	NAWALE SUPRIYA RAGUNATH	
92	PADGHAM PRADIP SHIVDAS	<u>P. Padgham</u>
94	PARDESHI SHUBHAM KISHOR	
95	PATARE SHRADDHA VIJAY	
96	PATHAN AFRIN RASHIDKHAN	
98	PATOLE PRIYANKA DADU	<u>Priyanka Patole</u>
100	PAWAR RAHUL SUBHASH	
101	PIMPALE PRATIMA RAOSAHEB	
102	POKALE KISHOR PANDIT	<u>Pokale</u>
103	PUND PRADNYA ASHOK	
104	PUND AMOL BALASAHEB	
105	RAUT PRIYA ASHOK	
106	ROKADE JAYKUMAR NANDAKISHOR	<u>Rokade</u>
107	SANGLE SHUBAHM SHESHRAO	
108	SATHE SAGAR SUNIL	
109	SAYYAD KALIM UMRAO	
110	SAYYAD JAMIR AKBAR	
111	SHAIKH ISMAIL YASIN	
112	SHELKE SAYALI MACHHINDRA	<u>Shelke Sayali</u>
114	SHETE SHWETA CHANDRAKANT	
115	SHEWALE YOGESH DHONDIRAM	
117	SHINDE MAYURI BAPU	
118	SHINDE VRUSHALI DHAIRYASHEEL	
119	SHINDE AKSHAY BHARAT	<u>Shinde Akshay</u>
120	SHINGDE SNEHA TUKARAM	
121	SHIRSATH POOJA SHARAD	<u>Shirsath P. S.</u>
122	SINGH DEEPESH AJAYPRATA	
123	SIRSAT ANJU NIRANJAN	



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Feedback Form

Date: 25/10/2016

Topic of Expert Lecture: Expert Lecture on "Entrepreneurship in the field of Robotics"

Name of Expert:

Mr.YuvrajPardeshi,

Director- Operations.

Yushai Systems Shreyash Industries, MIDC,Pimpri Chinchwad, Pune

Q.1 How would you rate the topic of expert lecture ?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.2 How was the level of content ?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.3 How would you rate the knowledge of Resource person ?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.4 How did you like the subject material?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.5 Will lecture be useful for your studies?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.6 How did you rate the lecture overall?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.7 Remark

Nil

Q.8 Suggestions if any?

- 1) I am very satisfied with the content of lecture
- 2) I like the resource person's knowledge.
- 3) Personality of Yuvraj Sir is brilliant



[Signature]
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College of Engineering
Ahmednagar

Feedback Form

Date: 25/10/2016

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Average ☐ Good ☐ Excellent ☒ Outstanding ☐

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Q.6 How did you rate the lecture overall?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.7 Remark

Nil

Q.8 Suggestions if any?

- 1) I am very satisfied with the content of lecture
- 2) I like the resource person's knowledge.
- 3) Personality of young sir is brilliant



[Signature]
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Feedback Form

Date: 25/10/2016

Topic of Expert Lecture: Expert Lecture on "Entrepreneurship in the field of Robotics"

Name of Expert:

Mr.YuvrajPardeshi,

Director- Operations,

Yushai Systems Shreyash Industries, MIDC,Pimpri Chinchwad, Pune

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Q.6 How did you rate the lecture overall?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.7 Remark

Q.8 Suggestions if any?




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Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Ref. No. CEA/E&TC/2016/ 3414(A)

Date:- 25/10/2016

LETTER OF THANKS

Dear Sir,

On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude & huge "Thank you" for delivering online Expert Lecture on "Entrepreneurship in the field of Robotics" for Electronics & Telecommunication Engineering students on 25th October 2016 at 11:00 am.

Let us maintain and cherish these relations for mutual benefit hence and forever.

We shall remain obliged for sparing valuable time with us.


(Dr. Ms. A.K. Patil)
HOD, E&TC


(Dr. H.N. Kudal)
Principal

To,
Mr. Yuvraj Pardeshi,
Director-Operations. ,
Yushai Systems, Shreyash Industries,
MIDC , Pimpri Chinchwad,
Pune




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