



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



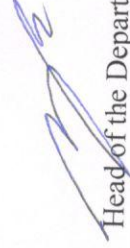
**5.1.2 SUMMARY**

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following 1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills.

**Department: Robotics & Automation**

Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Expert Session on "Personality Development- A Gateway to success".	20.08.2021	53	Dr. H.S. Deshmukh , Rajiv Gandhi College of Engineering Research & Technology, Chandrapur. 9890657302.



  
Head of the Department

**Head of Department**  
Dept. of Robotics & Automation Engg.  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041





**ZEAL EDUCATION SOCIETY'S**  
**ZEAL COLLEGE OF ENGINEERING AND RESEARCH**  
**NARHE | PUNE -41 | INDIA**



**DEPARTMENT OF ROBOTICS & AUTOMATION ENGINEERING**  
**SE INDUCTION PROGRAM – 2021**


**AGENDA**

**Day 1 (20<sup>th</sup> August 2021)**

Sr. No	Activity	Start Time	End Time
<b>Session 1</b>			
1	Welcome	10.00 AM	10.05 AM
2	Lamp Lighting (Saraswati Poojan - Virtual)	10.05 AM	10.10 AM
3	Welcome speech by HOD R & A Engg. <b>Prof. Y. R. Ingole</b>	10.10 AM	10.15 AM
4	Speech by Hon. Chief guest <b>Prof.(Dr.) Hemant S. Deshmukh and Session on "Personality Development- A Gateway to Success).</b>	10.15 AM	11.25 AM
5	Vote of thanks by <b>Prof. K. L. Bhoite</b>	11.25 AM	11.30 AM
<b>Session 2</b>			
6	Placement Awareness & Importance of Global Certification & Industrial Training/ Internship, entrepreneurship Development	12.00 PM	01.30 PM
<b>Session 3</b>			
7	Virtual visit to Mechanical Engineering Departmental Laboratories & Centre of excellences available at Campus	02.00 PM	03.30 PM

**Day 2 (21<sup>st</sup> August 2021)**

Sr. No	Activity	Start Time	End Time
<b>Session 1</b>			
1	Speech by Principal ZCOER <b>Dr. A. M. Kate</b>	10.00 AM	10:10 AM
2	Speech by Hon. Chief guest – <b>Dr. Debanik Roy</b> Scientist, Division of Remote Handling & Robotics, Bhabha Atomic Research Centre, Department of Atomic Energy (DAE), Govt. of India, Mumbai 400085, India Professor, Homi Bhabha National Institute (HBNI), DAE.)	10.10 AM	11.00 AM
<b>Session 2</b>			
3	Alumni Talk - <b>Mr. Nikhil Chonde</b>	12.00 PM	12.15 PM
	Alumni Talk - <b>Mr. Pravin Patil</b>	12.15 PM	12.30 PM
	Present batch Student Talk – <b>Mr. Anand Kale</b>	12.30 PM	12.45 PM
	Present batch Student Talk – <b>Mr. Harsh Alase</b>	12.45 PM	01.00 PM
<b>Session 3</b>			
4	Academic Presentation, Feedback by <b>Prof. S. S. Borade</b>	02.00 PM	03.30 PM

/s/   
Prof. Yogesh R. Ingole  
Head, Robotics & Automation Engg



**Invitation letter to be the chief guest for induction Programme.**

2 messages

**Robotics and Automation** <robotics.zcoer@zealeducation.com>

Tue, Aug 17, 2021 at 9:35 PM

To: debanik@gmail.com, deroy@barc.gov.in

Cc: viinod.atpadkar@svrinfotech.net

To,  
Dr. Debanik Roy  
Bhabha Atomic Research Centre, India  
Scientist (Division of Remote Handling & Robotics)

Respected Sir,

It's our great pleasure to inform you that Department of Robotics & Automation is going to organise an induction programme for our second year students at 10,00 AM on 21st August, 2021.

We are honoured and pleased to invite you as chief guest to this induction programme. It would be such a huge privilege to have you with us at this special occasion.

As our chief guest, the students will look forward to hear a short speech from you within the spirit of the event. A thirty minutes' speech would be perfect and would definitely encourage and inspire our students with your amazing experiences and unique skills in the field of Robotics and Automation.


Your kind consent in this regard would bring joy to all the students of our Zeal College of Engineering and Research.(PFA. It contains College Details and Link of video -Robotics & Automation Centre of Excellence)

 **ENGINEERING.pdf**

We solicit your kind consent,

Yours faithfully,

Prof. Yogesh R Ingole  
Head,  
Department of Robotics & Automation Engineering  
Zeal College of Engineering & Research, Pune  
9307620513/(9850538352 Wapp)

 **Zeal Student Testimony (Center of Excellence in Automation Technology).mp4**  
13012K



Dear Prof. Yogesh R Ingole,

Greetings!

Thanks for your kind invitation. It gives me pleasure that your institute is actively engaged in Robotics education (at B.Tech. level) and wishes to strengthen the technology. It is, indeed, a welcome step for our country. I wish ALL THE BEST to the endeavour!

I am hereby confirming that I will attend the on-line induction programme, scheduled on 21st. August at 10 A.M. I will also deliver a brief speech to encourage & motivate the young students to pursue course in Robotics & Automation, including AI.

Pl. share the LINK for the virtual meeting as per your convenience.

Regards,

Debanik Roy

-----  
Dr. Debanik Roy  
Scientist, Division of Remote Handling & Robotics,  
Bhabha Atomic Research Centre,  
Department of Atomic Energy (DAE), Govt. of India,  
Mumbai 400085, India  
Professor, Homi Bhabha National Institute (HBNI), DAE  
Tel.: (+91)-22-25593946 (Office); 25814517 and 35526383 (Residence)  
Fax: (+91)-22-25505151  
Cell: (+91)-9869050922 ; 8451090172 (after office hours)  
E-mail: deroy@barc.gov.in; debanik.brns@{yahoo,gmail}.com [preferred]  
Homepage: <http://sites.google.com/site/debanikroy/>

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<https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-330-04527-9/electronic-light-barriers-for-robotic-mechatronic-applications>

<https://www.morebooks.de/store/gb/book/magnetic-grippers-for-unstructured-robotic-workspace/isbn/978-620-0-29933-8>

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Vice-President (R&D and Industry), The Robotics Society

<http://www.rs-india.org/>

Member, Programme Advisory Committee, Science & Engineering  
Research Board, Dept. of Science & Technology (DST-SERB),  
Govt. of India

Member, Technical Advisory Committee, Gujarat State Science &  
Technology Council (GUJCOST), India

Member, Task Force Committee on EMEQ, DST-SERB, Govt. of India

Member, Project Review & Steering Group, Autonomous Last Mile Vehicle  
(ALIVE) Project, Ministry of Electronics & IT (MeitY), Govt. of India

Member, Preliminary Screening Committee, SERB-POWER, DST, Govt. of India

Member, IEEE (R-10: Asia-Pacific; Bombay section)

Life Member, Bangiya Bijan Parishad

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ORCID: <https://orcid.org/0000-0002-1532-1697/>

Google Scholar:

[http://scholar.google.co.in/citations?hl=en&user=YY5bnYMAAAAJ&view\\_op=list\\_works&gmla=AJsN-F4ueTWzqZMlbSOICYGjZIUQdv8r3SpXRpfTYoFLQL6C1xmNyMTtFfcFalMTwqXXeXOdXl1LZG\\_jj\\_Ak3UNz7D6U6rxDFP5qTCjNTM7NUeTpJKYOs30E5Bs1vJNLdfZtwX3\\_gWI](http://scholar.google.co.in/citations?hl=en&user=YY5bnYMAAAAJ&view_op=list_works&gmla=AJsN-F4ueTWzqZMlbSOICYGjZIUQdv8r3SpXRpfTYoFLQL6C1xmNyMTtFfcFalMTwqXXeXOdXl1LZG_jj_Ak3UNz7D6U6rxDFP5qTCjNTM7NUeTpJKYOs30E5Bs1vJNLdfZtwX3_gWI)

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On 2021-08-17 21:35, Robotics and Automation wrote:  
To,

Dr. Debanik Roy

Bhabha Atomic Research Centre, India

Scientist (Division of Remote Handling & Robotics)



Respected Sir,

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As our chief guest, the students will look forward to hear a short speech from you within the spirit of the event. A thirty minutes' speech would be perfect and would definitely encourage and inspire our students with your amazing experiences and unique skills in the field of Robotics and Automation.

Your kind consent in this regard would bring joy to all the students of our Zeal College of Engineering and Research.(PFA. It contains College Details and Link of video -Robotics & Automation Centre of Excellence)

ENGINEERING.pdf [1]

We solicit your kind consent,

Yours faithfully,

Prof. Yogesh R Ingole

Head,

Department of Robotics & Automation Engineering

Zeal College of Engineering & Research, Pune

9307620513/(9850538352 Wapp)

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-End of Disclaimer-

Links:

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[1] [https://drive.google.com/file/d/1PZyJ29DSFWFsM6Sa7Rp4WpNZJa7Db1rg/view?usp=drive\\_web](https://drive.google.com/file/d/1PZyJ29DSFWFsM6Sa7Rp4WpNZJa7Db1rg/view?usp=drive_web)





Yogesh Ingole &lt;yogesh.ingole@zealeducation.com&gt;

**Invitation letter to be the chief guest for induction Programme**

2 messages

Yogesh Ingole <yogesh.ingole@zealeducation.com>  
To: rcert\_hsdeshmukh@rediffmail.com

Thu, Aug 19, 2021 at 12:33 PM

Respected Sir,

It's our great pleasure to inform you that the Department of Robotics & Automation is going to organise an induction programme for our second year students at 10,00 AM on 20<sup>th</sup> August, 2021.

We are honoured and pleased to invite you as a chief guest to this **online induction programme**. It would be such a huge privilege to have you with us at this special occasion.



A one hour session on "**Personality Development-A Gateway to Success**" would be perfect and would definitely encourage and inspire our students with your amazing experiences.

Your kind consent in this regard would bring joy to all the students of our Zeal College of Engineering and Research.(PFA. It contains College Details and Link of video -Robotics & Automation Centre of Excellence)

We solicit your kind consent,

Yours faithfully,

Prof. Yogesh R Ingole  
Head,  
Department of Robotics & Automation Engineering  
Zeal College of Engineering & Research, Pune  
9307620513/(9850538352 Wapp)

 ENGINEERING.pdf Zeal Student Testimony (Center of Excellence in...

hsdeshmukh <rcert\_hsdeshmukh@rediffmail.com>  
To: Yogesh Ingole <yogesh.ingole@zealeducation.com>

Thu, Aug 19, 2021 at 3:22 PM

Dear Prof.Yogesh Ingole

I accept the invitation as a chief guest and would deliver a talk on "Personality Development a Gateway to Success". I will join at 10 am on the link provided. Look Forward to our online meet tommorrow. I will forward my brief profile soon.

With Best Regards  
Dr.H.S.Deshmukh

From: Yogesh Ingole <yogesh.ingole@zealeducation.com>  
Sent: Thu, 19 Aug 2021 12:30:36  
To: rcert\_hsdeshmukh@rediffmail.com  
Subject: Invitation letter to be the chief guest for induction Programme



Respected Sir,

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Head,  
Department of Robotics & Automation Engineering  
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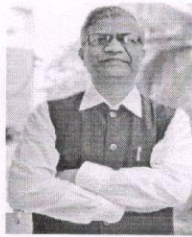
precaution to minimize this risk, but is not liable for any Damage you may sustain as a result of any virus in this e-mail. You should carry out your own virus checks before opening the e-mail or attachment. Zeal Education Society reserves the right to monitor and review the content of all messages sent to or from this e-mail address. Messages sent to or from this e-mail address may be stored on the Zeal Education Society e-mail system.

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-End of Disclaimer-



## PROFILE OF



### Dr. Hemant S. Deshmukh

- @ Presently working as a Professor of Mechanical Engineering in Rajiv Gandhi College of Engineering Research and Technology , Chandrapur.
- @ Did graduation from VNIT, Nagpur (then VRCE) in Mechanical Engg. In 1985, ME (Power Engg) from WCE , Sangli in 1989 and completed Ph.D in Mech. Engg. From VNIT, Nagpur in 2016.
- @ In Teaching Profession from last 36 years , Starting as a Lecturer in Mechanical Engineering in 1985. Has few publications to credit.
- @ Worked as HOD (Mechanical Engg.), Dean (Academics), Dean (Admissions) and worked on various Institutional level committees.
- @ Worked closely with students and have been guiding and counselling them with regard to Academics, Professional career, Personality development etc.
- @ Delivering talks on important subjects such as Study Methodology, Career selection, Personality Development in Schools and Colleges.
- @ Conducts sessions on Personality Development in corporate world.
- @ Closely work with Industries through their CSR initiatives In Education Field.
- @ Loves Music , enjoys singing all kinds of songs and a vivid reader.
- @ A volunteer associated with AOL , Bengaluru , a Sadhaka and Satsangi.





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Record No.: ZCOER-ACAD/R/34

Revision: 00

Date: 01/04/2021

**Report of the Induction Program**

**Department: Robotics & Automation**

**Semester: I**

**Academic Year: 2021-2022**

**Date: 25/08/2021**

To,

The Principal,

ZCOER, Pune

**Subject:** Submission of the report of Induction Program organized for Second Year students by Department of Robotics & Automation Engineering

Respected Sir,

With above reference, we have successfully organized Induction Program for Second Year students by Department of Robotics & Automation Engineering on 20/08/2021 & 21/08/2021 (Time 10.00 am to 03.30 pm). The details are given below. The more detailed report (Documents, photographs) is enclosed herewith.

Sr. No.	Date	Details of the event organized
1	20/08/2021	S.E. Induction Program organized for Second Year students by Department of Robotics & Automation Engineering.
2	21/08/2021	

Thanking You.

Prof. Y. R. Ingole

Head,

Department of Robotics & Automation Engg.

Encl: Detailed report of the event

*Ministry  
office*

*Received*

*Mhim  
30/08/2021*





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Record No.: ZCOER-ACAD/R/34

Revision: 00

Date:01/04/2021

**SE R & A INDUCTION PROGRAM**

Induction Program organized for Second Year students by Department of Robotics & Automation Engineering.

**Venue: Department of Robotics & Automation.**

**Mode of Session:** Online through Microsoft Teams

**AGENDA**

**Day 1 (20<sup>th</sup> August 2021)**

Sr. No	Activity	Start Time	End Time
<b>Session 1</b>			
1	Welcome - by <b>Prof. S. A. Lawate</b>	10.00 AM	10.05 AM
2	Lamp Lighting (Saraswati Poojan - Virtual).	10.05 AM	10.10 AM
3	Welcome speech by HoD R & A , <b>Prof. Y. R. Ingole.</b>	10.10 AM	10.15 AM
4	Speech by Hon. Chief guest, <b>Prof.(Dr.) Hemant S. Deshmukh and Session on "Personality Development- A Gateway to Success).</b>	10.15 AM	11.25 AM
5	Vote of thanks by <b>Prof. K. L. Bhoite</b>	11.25 AM	11.30 AM
<b>Session 2</b>			
6	Placement Awareness & Importance of Global Certification & Industrial Training/ Internship, entrepreneurship Development	12.00 PM	01.30 PM
<b>Session 3</b>			
7	Virtual visit to Mechanical Engineering Department Laboratories & Centre of excellences available at Campus	02.00 PM	03.30 PM





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NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/34

Revision: 00

Date: 01/04/2021

**Day 2 (21<sup>st</sup> August 2021)**

Sr. No	Activity	Start Time	End Time
<b>Session 1</b>			
1	Introduction of Chief Guest by <b>Prof. Y. R. Ingole.</b>	10.00 AM	10:10 AM
2	Speech by Hon. Chief guest – <b>Dr. Debanik Roy</b> Scientist, Division of Remote Handling & Robotics, Bhabha Atomic Research Centre, , Mumbai India	10.10 AM	11.00 AM
<b>Session 2</b>			
3	Alumni Talk - <b>Mr. Nikhil Chonde</b>	12.00 PM	12.15 PM
	Alumni Talk - <b>Mr. Pravin Patil</b>	12.15 PM	12.30 PM
	Present batch Student Talk – <b>Mr. Anand Kale</b>	12.30 PM	12.45 PM
	Present batch Student Talk – <b>Mr. Harsh Alase</b>	12.45 PM	01.00 PM
<b>Session 3</b>			
4	Academic Presentation, Feedback by <b>Prof. S. S. Borade</b> and <b>Prof. L.B. Mali</b>	02.00 PM	03.30 PM





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Record No.: ZCOER-ACAD/R/34

Revision: 00

Date: 01/04/2021

**About the induction program:**

The purpose of student induction program is to help new students adjust and feel comfortable in the new environment and get them acclimatized with the culture at the Department of Robotics & Automation and Zeal College of Engineering and Research.

**A. Objective of induction program:**

The aim of this training session is:

1. To aware them about facilities available in the Zeal College of Engineering and Research and department of Robotics & Automation.
2. Make the students feel comfortable in the new environment.
3. Allow them to explore their academic interest and activities
4. Initiative to groom overall personality of students and make the acquainted with culture of Institute.

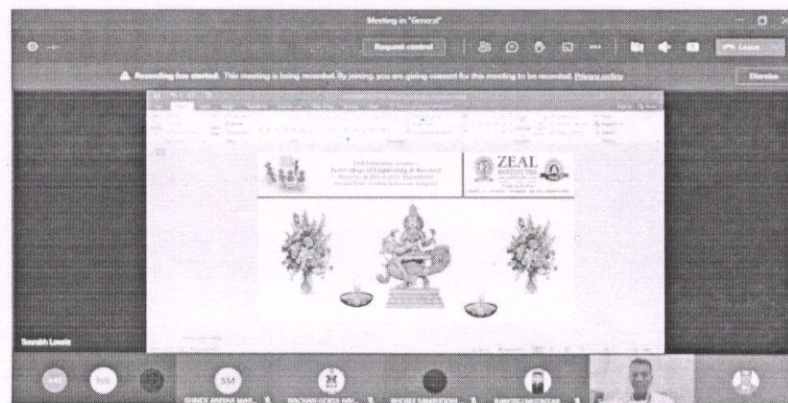
**B. Introduction of program:**

The Department of Robotics & Automation, Zeal College of Engineering and Research, Narhe, Pune has organized Two Days Induction program dated 20th and 21st August 2021 for a SE-A students. Welcome speech and introduction of Guest was given by Head of department Prof Y. R. Ingole.

**Day-01: (20<sup>th</sup> August 2021)**

Session-01

First Session is Started with Virtual Saraswati Poojan followed by welcome of SE students, their Parents and Respected Guest.







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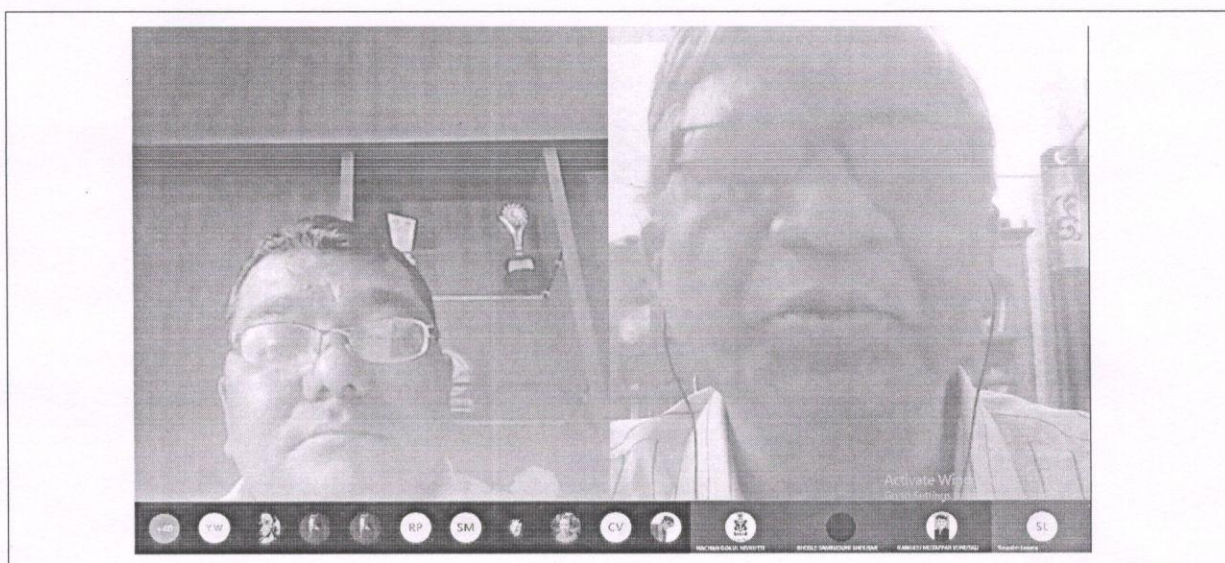
Record No.: ZCOER-ACAD/R/34

Revision: 00

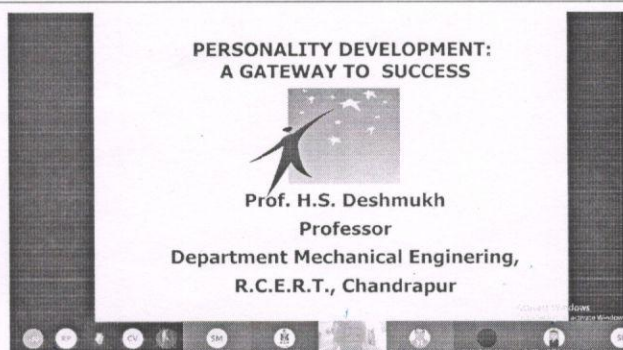
Date:01/04/2021

Then Hon. Chief guest **Prof.(Dr.) Hemant S. Deshmukh** motivated our students by delivering speech on topic **“Personality Development- A Gateway to Success.”**

The Session was planned to keep in view the overall personality development which includes soft skills, sports, and Cultural Activities. Hon. Guest explained students about 21 characteristics that helps to build their personality. The students were given insights about Universal Human Values apart from other co-curricular and extra-curricular activities. During this program, the students came out of their hesitation.



Prof. Y. R. Ingole , Head, R & A Engg. And Chief Guest Prof.(Dr). H. S. Deshmukh



Prof.(Dr). H. S. Deshmukh -Presentation and interaction with Students and faculties





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Record No.: ZCOER-ACAD/R/34      Revision: 00      Date:01/04/2021

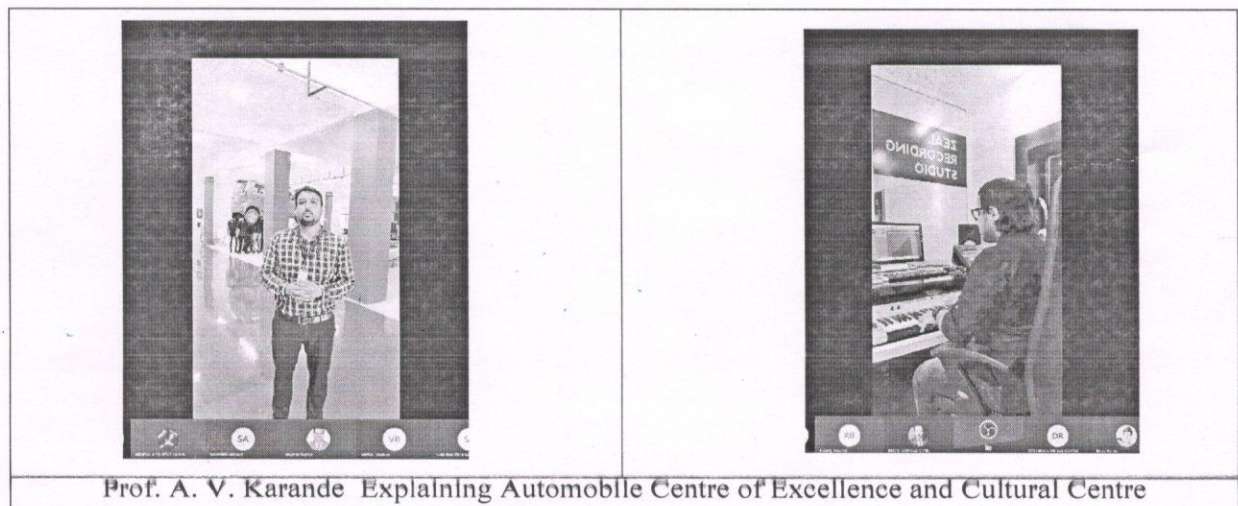
**Session-02 Training & Placement Activities**

This Session was conducted by Prof. Viraj Barge., Training & Placement Head ZCOER. The Session was on Placement Awareness & Importance of Global Certification & Industrial Training/ Internship, entrepreneurship Development.

**Session-03 Virtual Tour of Department Laboratories, Excellence Centre & College facilities**

Virtual visit to Mechanical Engineering & Robotics & Automation Department Laboratories & Centre of excellences available at Campus.

Laboratories and Centre of Excellences			
Virtual visit to Robotics & Automation Engineering Departmental Laboratories & Centre of excellences available at Campus	1	HT Lab	Prof. D. P. Kamble
	2	MQC Lab	Prof.V. A. Randive
	3	CAD Lab	Prof. S. S. Adewar
	4	CNC/VMC	Prof. S. S. Kulkarni
	5	Robotics lab	Prof. S. H. Gujar
	6	Automobile Excellence	Prof. A. V. Karande
	7	Digital Manufacturing	Prof. T. D. Gadekar
	8	Central Library	Prof. J. D. Deshmukh
	9	Training & Placement Cell	Prof. S. A. Lawate
	10	Sports Facility	Prof. K. L. Bhoite
	11	Cultural Centre	Prof. S. S. Borade



Prof. A. V. Karande Explaining Automobile Centre of Excellence and Cultural Centre





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Record No.: ZCOER-ACAD/R/34

Revision: 00

Date:01/04/2021

**Day-02: (21<sup>st</sup> August 2021)**

**Session-01**

The day was started with Introduction of Hon. Chief Guest **Dr. Debanik Roy** by Prof. Y. R. Ingole.

: 21 <sup>st</sup> Aug. 2021 : 10.00 AM	 <b>ZEAL</b> <b>INSTITUTES</b> <small>www.zealeducation.com</small> <small>NARHE   PUNE   INDIA</small> <i>Redefining Excellence</i> <small>JH. COLLEGE   ITI   POLYTECHNIC   ENGINEERING   MBA   MCA   RESEARCH CENTRE</small>
<b>Zeal College of Engineering &amp; Research</b> <b>Department of Robotics &amp; Automation Engg.</b>	
	<b>Robotics &amp; Automation with Artificial Intelligence</b>
<p align="center"><b>Dr. Debanik Roy</b>  <small>Scientist, Division of Remote Handling &amp; Robotics,          Bhabha Atomic Research Centre (BARC),          Professor-Homi Bhabha National Institute (HBNI),          DAE, Govt. of India, Mumbai</small></p>	

<b>Educational Qualifications</b>		
Bachelor of Engineering degree in Production Engg	Jadavpur University, Kolkata, India	1990
M.Tech. degree with specialization in Manufacturing Engg. & Robotics	Indian Institute of Technology, Madras, India	1993
PhD in the field of robotics (tele-manipulation & remote control)	Jadavpur University, Kolkata, India	1997
<b>Job Profiles</b>		
Joined Automation Division	Tata Steel, India	1997
Joined Robotics Research Centre as Research Faculty	Nanyang Technological University, Singapore research-based work in the field of underwater robotics	1998
Associated with the Department of Atomic Energy (DAE), Govt. of India		
Robotics division of Bhabha Atomic Research Centre, Mumbai		1999 to 2008
Headed the Engineering Science Advisory Committee of Board of Research in Nuclear Sciences (BRNS), DAE.		Jan., 2009 to April, 2018
Taken up new R&D responsibility at the Division of Remote Handling & Robotics, BARC		<b>Currently Working</b>





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Adjunct Professor faculty of Homi Bhabha National Institute (HBNI)	Since 2009
<b>Achievements</b>	
Senate member of PDPM Indian Institute of Information Technology, Design & Manufacturing- Jabalpur, India.	
Visiting professor of SRM Institute of Science & Technology, Tamil Nadu, India	
Research Advisor & Mentor of GLA University, Mathura, India.	
Dr. Roy received the <b>DAE Award for Excellence in Science &amp; Technology</b> (as part of the Group Achievement Award) for his contribution made in DAE programmes.	
Dr. Roy has been nominated as <b>member of the Programme Advisory Committee</b> (Civil & Mechanical Engineering) of the Science & Engineering Research Board of Department of Science & Technology (DST-SERB), Govt. of India	
Best technical paper prize, honorary membership of technical committee on robotics of IASTED, Canada	
He has been distinguished as a <b>biographee in "Marquis Who's Who in the World"</b> in three successive editions, namely, 2007, 2008 & 2010 and also honoured by the International Biographical Centre, U.K.	
He is actively associated as <b>editorial board member</b> of several peer-reviewed international journals in robotics & automation and computational mathematics.	
<b>Marquis Who's Who in the World</b> ", USA has conferred ' <b>Lifetime Achievement Award</b> ' to Dr. Roy in Nov., 2018 for his <b>outstanding scholastic excellence in the field of robotics, automation &amp; manufacturing.</b>	
<b>Research Area</b>	
His research interest goes in the domain of <b>robot grippers, gripper sensors, flexible manipulator, underwater robotics, tele-manipulation and web-mediated robotics.</b>	

In the Session, Dr. Roy Sir discussed about the recent Trends in R & A Technology. Artificial intelligence (AI) and Robotic Process Automation (RPA) are two of the most successful technologies for organizations to achieve the seemingly incompatible goals of increasing customer satisfaction and employee morale while reducing operational costs.

Artificial intelligence (AI) is the simulation of human intelligence processes by computer systems, or "machines." These processes include learning (acquiring information and contextual rules for using the information), reasoning (using context and rules to reach conclusions) and self-correction (learning from successes and failures). Popular applications of AI include image recognition, machine vision, speech recognition, chatbots, natural language generation, and sentiment analysis.





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While RPA is used to work in conjunction with people by automating repetitive processes (attended automation), AI is viewed as a form of technology to replace human labor and automate end-to-end (unattended automation). RPA uses structured inputs and logic, while AI uses unstructured inputs and develops its own logic. Combining both RPA and artificial intelligence can create a fully autonomous process.

Since organizations have both structured data (e.g., form fields) and unstructured data (e.g., free text, natural speech), many processes require both RPA and AI to fully automate a process from end to end, or to improve a robotic process once it has been deployed.

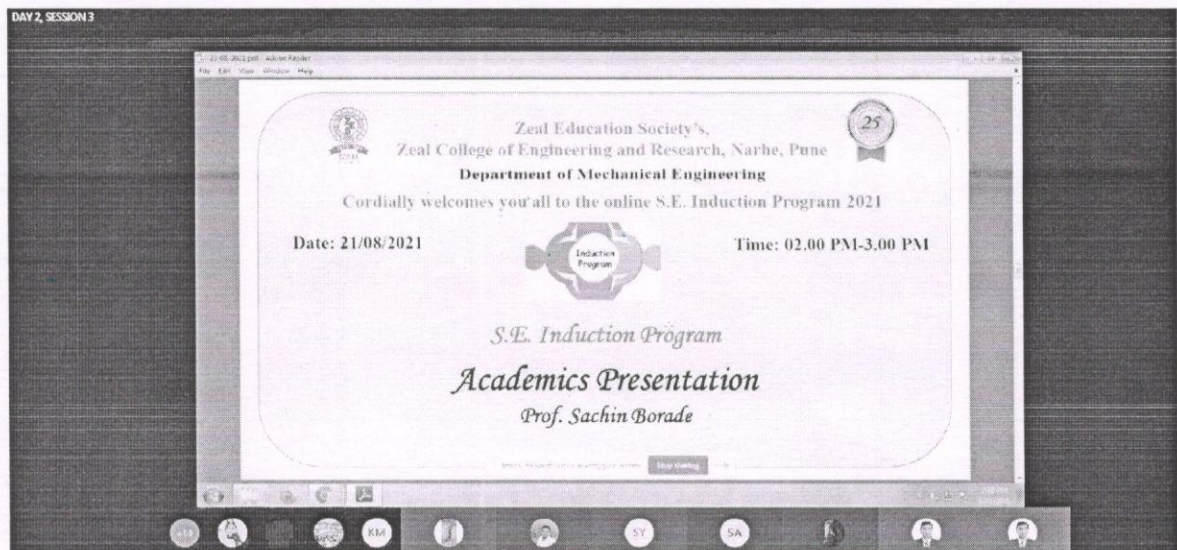
**Session-02 Alumni Talk:**

In Session-02, We arrange Alumni talk for interaction of new student. alumni and entrepreneur shared his experience about facilities and culture of department. He addressed students about entrepreneurship.

This would help student to sort out their confusion regarding stream, future Challenges, and many more.

**Session-03 Academic Presentation:**

Academic Presentation: Engineering department with objectives of induction program. Academic, University Examination scheme, Seminar/ Project /PBL Activity presentation was given by Prof. S. S. Borade.







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The whole program was a successful attempt towards the embodiment of ethics, values and principles along with knowledge and creativity.

The induction program session was concluded by taking feedback from students

**C. Outcomes:**

Upon completion of this training program students will able to

1. Students came to know about available facilities in institute and department and different activities conducted throughout the semester for the personal development and technical up gradation.
2. Students will be able to inculcate characteristics to develop their personality.
3. Students came to know the importance of Robotics & Automation.





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**Student Feedback:**

	<b>Expert Speaker: Dr. H. S. Deshmukh</b>		<b>Hon. Chief Guest Dr. Debanik Roy</b>	
How would you rate the content of the session?	Excellent	62.5 %	Excellent -	61.9 %
	Very Good	34.4 %	Very Good	38.1 %
	Good	3.1 %	Good	-
	Fair	-	Fair	-
How would you rate the knowledge of the guest for the session?	Excellent	71.9 %	Excellent	66.7 %
	Very Good	25.0 %	Very Good	28.6 %
	Good	3.1 %	Good	4.7 %
	Fair	-	Fair	-
How would you rate the content delivery method of the guest for the session?	Excellent	53.1 %	Excellent	38.1 %
	Very Good	40.6 %	Very Good	57.1 %
	Good	6.3 %	Good	4.8 %
	Fair	-	Fair	-
How would you rate the management of the session?	Excellent	46.9 %	Excellent	42.9 %
	Very Good	43.8 %	Very Good	47.6 %
	Good	9.4 %	Good	9.5 %
	Fair	-	Fair	-
Do you think the content of the session added to your knowledge?	Yes	<b>90.6 %</b>	Yes	<b>85.7 %</b>
	No	<b>3.1 %</b>	No	<b>4.8 %</b>
	May be	<b>6.3 %</b>	May be	<b>9.5 %</b>
What are your key take away from the session?	How to develop our personality, and communication skills.		To keep learning.	
	i like today's all session but 1st session of Dr. Deshmukh sir is most helpful for us in our life and future.		That how much this technology and this career would be in full scope from few years from now.	
	Learn new things today. The session was so nice. Great sessions .I get very important things from the session.		We have get more information from the chief guest.	
	We should develop our personality also college is giving good opportunities to improve skills.		It was so nice.	
	Good communication, personality development.			





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**Student Attendance**

S. N	Students name	P/A	S.N	Students name	P/A
1	BAGADE SAKSHI LAXMAN	P	34	PARDESHI SOURABH JAYDEEP	P
2	BAGAWE SRUSHTI C	A	35	PATIL BHAVIKA TARUNKUMAR	P
3	BAKARE AUM SHAILENDRA	P	36	PATIL YASH PRABHAKAR	P
4	BHOSLE SAMRUDDHI SHEKHAR	P	37	PAWAR VRUSHAB VISHNU	A
5	CHAUDHARI LALIT VINOD	P	38	PORE AJIT PANDURANG	P
6	CHAUHAN YASH N	P	39	PRAJAPATI NILESH KAMLESH	P
7	CHAVAN ANIKET BHUSHAN	A	40	PUDALE RUSHIKESH NAMDEV	A
8	CHAVAN PRATHAMESH J	P	41	RANDIVE VYANKTESH MAHESH	P
9	CHOWDHARY PANKAJ V	P	42	RANGATE YASH PANDURANG	P
10	DESHMUKH AACHAL RAJESH	P	43	RANGREJ MUZAFFAR YUNUSALI	P
11	DEVAKAR SHRIDATTA M	P	44	RASAL VAIBHAV SANJAY	P
12	DHAMNE MIHIR GANESH	P	45	RAUT PRATIKSHA DINESH	P
13	DHUMAL ROHAN VINAYAK	P	46	ROKADE PRANALI RAJENDRA	P
14	GAIKWAD SURAJ DHANAJI	A	47	SABLE TUSHAR DAYANAND	P
15	JADHAV RAHUL AJIT	P	48	SALUNKHE VIKEE ASHOK	P
16	JAGTAP ABHISHEK SUDHAKAR	P	49	SALUNKHE YASH AJAY	P
17	JAGTAP PRATHAM GOPINATH	P	50	SANDUPATLA ANIKET DEEPAK	A
18	KADU OM SANDEEP	P	51	SHAH NIKUNJ CHANDRESH	P
19	KALE SHRINIVAS SANTOSH	P	52	SHAIKH AFAAN KHALID	A
20	KOLHE ROHAN LAXMAN	A	53	SHAIKH MOHAMMED ZAIN ABDUL M	P
21	KSHIRSAGAR AVANTI MAHESH	P	54	SHARMA PRERNA YOGESH	P
22	KUTE CHAITANYA VITTHAL	A	55	SHEIKH LAYBA MAHIN KANIJA P	P
23	LAHAMAGE TEJAS KIRAN	P	56	SHINDE ANISHA MARUTI	P
24	MAHENDRE VINAY GANESH	P	57	SURYAWANSHI SURAJ MALHARI	P
25	MAHTAB ALAM RISHAD	A	58	THORAT SRUSHTI SADANAND	P
26	MALWADKAR ABHISHEK Y	P	59	THORAT VAISHNAVI DADASAHEB	P



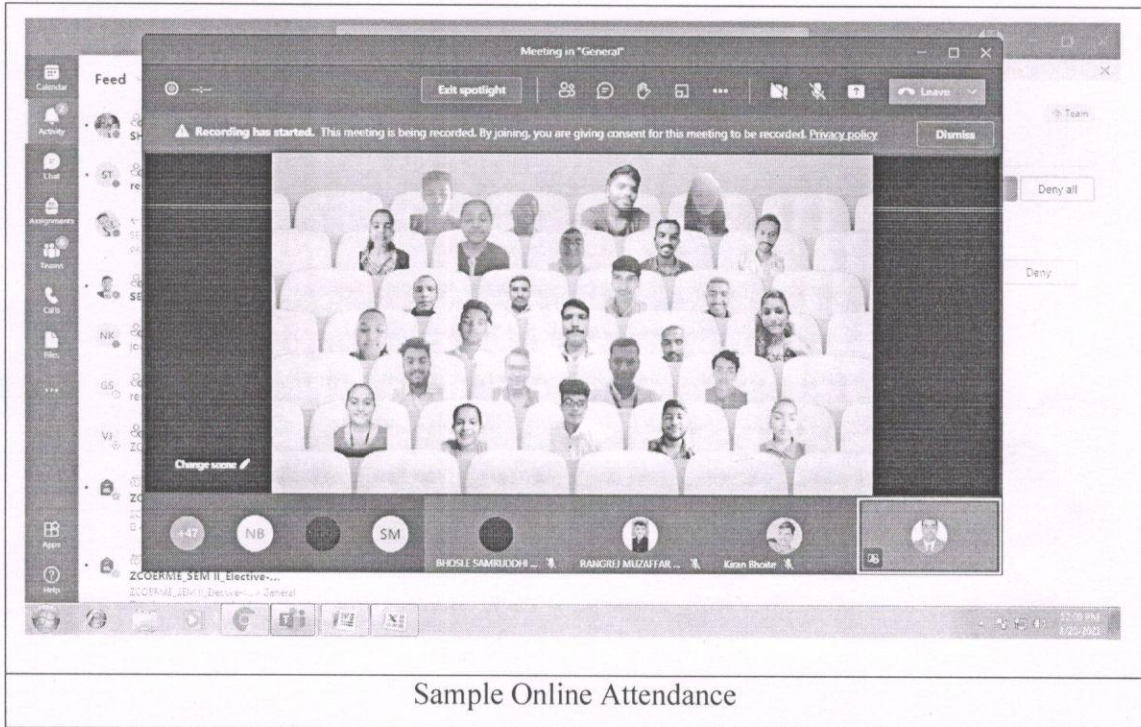


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27	MATE ADITI PANDURANG	P	60	TUKARAL ASHISH SURYAKANT	P
28	MORE PRAJWAL SHAMRAO	P	61	VASVE KAUSHAL SOMNATH	P
29	NACHAN GOKUL NIVRUTTI	P	62	WADHWA PAWAN ANIL	A
30	NAIK KHUSHI BHASKAR	P	63	WAGHMARE LAMBODAR VIJAY	P
31	NAWAL SHIVAM DILIP	P	64	WAMAN YASH SHANKAR	P
32	NIKURE PRAJWAL DEVIDAS	P	65	YADAV SAHIL POPAT	P
33	PADAWAL KEDAR D	P			



Sample Online Attendance

  
**Prof. Y. R. Ingole**  
 Head,  
 Department of R & A Engg.