

## Facility Objective:

Objective of the facility is to get familiar with Industrial Robotics and Automation, and to enhance the theoretical and practical details of Robotics and its versatile usage. This department fulfills the need for students and engineers in practical and real time application of Robots and Automation in industry.

## Activities conducted from department:

- IRA (Industrial Robotics and Automation)/Basic Robot Programming-30 hrs.
- A three Days online training program for non-teaching staff members.

 <p style="text-align: center; font-weight: bold; font-size: small;">VALUE ADDED COURSE ON INDUSTRIAL ROBOTICS AND AUTOMATION (IRA)</p> <p><b>OVERVIEW</b> The Industrial Robotics and Automation course will enhance all the theoretical and practical details to master industrial robotics and its versatile usage. This course is specially designed for Students and engineers interested in understanding the applications of industrial robots and their most common control methods.</p> <p><b>Goals &amp; Contents:</b></p> <ul style="list-style-type: none"> <li>➤ Operating of the Robot System.</li> <li>➤ Knowledge and usage of the Co-ordinate system.</li> <li>➤ Method of Tool calibration and Base calibration.</li> <li>➤ To realize a mastering.</li> <li>➤ Usages of the navigator, creating programs and archiving of programs.</li> <li>➤ Usages of motion programming.</li> <li>➤ Usage of logic programming in Handling and Welding applications.</li> <li>➤ On Site Customised programming and Lab Exercises.</li> </ul> <p><b>Organised By,</b> Department of Mechanical engineering J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD</p> <p><b>CERTIFICATION</b> J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA FARIDABAD</p> <p><b>Starting Date:</b> 28-04-2021</p> <p>For online Application click on this QR CODE/ <a href="https://docs.google.com/forms/d/11GaOsjh_YDy5keprPegD94b6R3xOS6SXFooVidrVTg90/e/d17usp=sharing">https://docs.google.com/forms/d/11GaOsjh_YDy5keprPegD94b6R3xOS6SXFooVidrVTg90/e/d17usp=sharing</a></p> <div style="text-align: center;">  </div> <p style="text-align: right; font-size: x-small;">Convenors: Dr. Sanjeev Goyal Asso. Prof. (MED)</p>	<div style="text-align: center;">  <p style="font-size: x-small;">J. C. Bose University of Science and Technology, YMCA, Faridabad (formerly YMCA University of Science and Technology) A State Govt. University established under State Legislative Act No. 21 of 2009 SECTOR 6, FARIDABAD, HARYANA-121006 ESTABLISHMENT BRANCH Phone: 29-2310158, 2242143 (Fax) Email: dr.ymcaust@gmail.com web: www.jcboscut.ac.in</p> </div> <p style="text-align: center; font-weight: bold; font-size: small;">A three Days Online Training Program For Non-Teaching Staff Members</p> <p style="text-align: center; font-weight: bold; font-size: x-small;">on "Office Procedures &amp; RTI Act, 2005" (10<sup>th</sup> – 12<sup>th</sup> June 2021)</p> <p style="text-align: center; font-weight: bold; font-size: small;">PROGRAMME SCHEDULE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="4" style="text-align: center;">Inaugural Session 10:00 AM- 10:30 AM</th> </tr> <tr> <th style="width: 25%;">Session</th> <th style="width: 25%;">Timings</th> <th style="width: 25%;">Topic</th> <th style="width: 25%;">Speaker</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; background-color: #e0f0ff;">Thursday, 10<sup>th</sup> June 2021</td> </tr> <tr> <td rowspan="2">Office Procedures</td> <td>10:30 AM- 12:30 PM</td> <td>Noting &amp; Drafting</td> <td rowspan="2">Mr. Jitender Sihwag, Deputy Director (Ministry of Public Grievances, GOI)</td> </tr> <tr> <td>2:00 PM – 4:00 PM</td> <td>Manual of Office Procedures</td> </tr> <tr> <td colspan="4" style="text-align: center; background-color: #e0f0ff;">Friday, 11<sup>th</sup> June 2021</td> </tr> <tr> <td rowspan="2">RTI Act 2005</td> <td>10:30 AM- 12:30 PM</td> <td>Historical Perspective</td> <td rowspan="2">Ms. Arti Dudeja, Faculty of Public Administration, Haryana Institute of Public Administration, Gurugram</td> </tr> <tr> <td>2:00 PM – 4:00 PM</td> <td>Sections of RTI Act 2005</td> </tr> <tr> <td colspan="4" style="text-align: center; background-color: #e0f0ff;">Saturday, 12<sup>th</sup> June 2021</td> </tr> <tr> <td rowspan="2">Accounting Software</td> <td>10:30 AM- 12:30 PM</td> <td>Introduction to TALLY/BUSY</td> <td rowspan="2">Dr. S K Ahuja, Chartered Accountant</td> </tr> <tr> <td>2:00 PM – 4:00 PM</td> <td>Hands on Training on Accounting Software</td> </tr> </tbody> </table> <p><b>Platform Details for the conduct of Programme:</b></p> <ul style="list-style-type: none"> <li>• Zoom URL: <a href="https://us02web.zoom.us/j/3102995039">https://us02web.zoom.us/j/3102995039</a></li> <li>• Meeting ID: 310 299 5039</li> </ul> <p><b>Program Co-ordinator:</b> Dr Meha Sharma, Deputy Registrar (Establishment)</p> <p><b>Organising Team:</b> Sh. Sushil Kumar, Assistant (Establishment Branch) Sh. Yash Chauhan, Assistant (Academics Branch) Ms. Medha Dua Vij, DEO (Deptt. of EVS)</p> <p style="text-align: center; font-size: x-small;">Organized by--Establishment Branch, JCBUST, YMCA, Faridabad</p>	Inaugural Session 10:00 AM- 10:30 AM				Session	Timings	Topic	Speaker	Thursday, 10 <sup>th</sup> June 2021				Office Procedures	10:30 AM- 12:30 PM	Noting & Drafting	Mr. Jitender Sihwag, Deputy Director (Ministry of Public Grievances, GOI)	2:00 PM – 4:00 PM	Manual of Office Procedures	Friday, 11 <sup>th</sup> June 2021				RTI Act 2005	10:30 AM- 12:30 PM	Historical Perspective	Ms. Arti Dudeja, Faculty of Public Administration, Haryana Institute of Public Administration, Gurugram	2:00 PM – 4:00 PM	Sections of RTI Act 2005	Saturday, 12 <sup>th</sup> June 2021				Accounting Software	10:30 AM- 12:30 PM	Introduction to TALLY/BUSY	Dr. S K Ahuja, Chartered Accountant	2:00 PM – 4:00 PM	Hands on Training on Accounting Software
Inaugural Session 10:00 AM- 10:30 AM																																							
Session	Timings	Topic	Speaker																																				
Thursday, 10 <sup>th</sup> June 2021																																							
Office Procedures	10:30 AM- 12:30 PM	Noting & Drafting	Mr. Jitender Sihwag, Deputy Director (Ministry of Public Grievances, GOI)																																				
	2:00 PM – 4:00 PM	Manual of Office Procedures																																					
Friday, 11 <sup>th</sup> June 2021																																							
RTI Act 2005	10:30 AM- 12:30 PM	Historical Perspective	Ms. Arti Dudeja, Faculty of Public Administration, Haryana Institute of Public Administration, Gurugram																																				
	2:00 PM – 4:00 PM	Sections of RTI Act 2005																																					
Saturday, 12 <sup>th</sup> June 2021																																							
Accounting Software	10:30 AM- 12:30 PM	Introduction to TALLY/BUSY	Dr. S K Ahuja, Chartered Accountant																																				
	2:00 PM – 4:00 PM	Hands on Training on Accounting Software																																					

## Main equipment's:

- KUKA Handling Robot-KR16
- KUKA Welding Robot-KR16
- Kempfi welding machine
- KUKA College Handling equipment
- Robotic cells Allied equipment (Air compressor/Servo voltage stabilizer/dryer/Co2 cylinder /handling grippers)



**KUKA Welding Robot-KR16**



**KUKA Handling Robot-KR16**

