

**ARKA JAIN UNIVERSITY**  
**TRAINING & PLACEMENT DEPARTMENT**

**PLACEMENT OPPORTUNITY @ JOHNSON CONTROLS**

NOTICE NO.: AJU/T&P/UG/0043/21-22

DATE: 01-02-2022

NAME OF COMPANY: JOHNSON CONTROLS INDIA PVT.LTD.

NAME OF PAYROLL COMPANY: JOHNSON CONTROLS INDIA PVT.LTD.

**Registration Deadline is 12:00 pm, 02<sup>nd</sup> February 2022**

**COMPANY PROFILE:**

**Johnson Controls** is a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Their commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. They are committed to helping our customers win everywhere, every day and creating greater value for all of our stakeholders through our strategic focus on buildings.

**Johnson Controls** has been growing in Asia Pacific (APAC), serving its customers through an extensive network. Currently in APAC, Johnson Controls has:

- 28,000 employees
- 260 branches
- 29 manufacturing sites
- 10 major technology centers

Demonstrating its commitment to the APAC market, Johnson Controls established the APAC headquarters in Shanghai, China, in 2017 to set a new standard for green and smart buildings for the region. The building is the first in China to receive several top global energy efficiency awards including: IFC-World Bank Group's EDGE (Excellence in Design for Greater Efficiencies) Certification, U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Platinum Certification, and the China Green Building Design Label Three Star Certification.

**WEBSITE:** [https://www.johnsoncontrols.com/en\\_in](https://www.johnsoncontrols.com/en_in)

- JOB TITLE:**
- 1. Production Engineer**
  - 2. Design Engineer**
  - 3. Full Stack Developer**
  - 4. Structural Engineer**
  - 5. Embedded Hardware Engineer**

**REMUNERATION OFFERED:**

- 1. Production Engineer: CTC Rs.06 LPA**
- 2. Design Engineer: CTC Rs.08 LPA**
- 3. Full Stack Developer: CTC Rs.09 LPA**
- 4. Structural Engineer: CTC Rs.5.5 LPA**
- 5. Embedded Hardware Engineer: CTC Rs.08 LPA**

**ELIGIBLE COURSE: BTECH**

**ELIGIBLE STREAM POSITION WISE:**

1. Production Engineer: ME
2. Design Engineer: ME
3. Full Stack Developer: CSE
4. Structural Engineer: CIVIL
5. Embedded Hardware Engineer: EEE

**ELIGIBLE MARKS CRITERIA: All Through 60% [10<sup>th</sup>, 12<sup>th</sup>, Diploma (if applicable), B.Tech (till last sem) ]**

**ELIGIBLE PASSING YEAR: 2022**

**ELIGIBLE GENDER: MALE/FEMALE**

**JOB LOCATION POSITION WISE:**

1. Production Engineer: Noida/ Ahmedabad(Gujarat)
2. Design Engineer: Pune
3. Full Stack Developer: Noida
4. Structural Engineer: Pan India
5. Embedded Hardware Engineer: Noida

**JOB DESCRIPTION POSITION WISE:**

**PRODUCTION ENGINEER:**

- Lead and support operations to resolve technical issues, ensuring all investigation work is documented, by developing robust production processes and improving product designs, with the aim to reduce cost and improve reliability, while complying with current quality standards
- Define and document clear written specifications and procedures to direct the Operations team in effective and efficient product assembly and test
- Develop, document and improve required tooling and associated test jigs, in a timely manner, by liaising with the design and manufacturing teams, to guarantee product quality and operational productivity and efficiency
- Manage and review all operational product and process documentation and ERP system information changes (including bills of materials, product routings and design change requests)
- Liaise with the design and manufacturing teams to review and develop suitable operational processes and testing systems, to successfully manufacture high quality new products which meet customer specifications and delivery expectations
- Undertake detailed analysis using statistical methods, providing relevant Key Performance Indicators (KPI's) to evidence process weakness and measure improvement whilst proposing and implementing corrective actions
- Establish productive, dynamic, working relationships with the Engineering, Design and Manufacturing departments, prioritising the required work and maintaining regular associations through meetings and communications to discuss any issues
- Contribute to and deliver as part of the production engineering team in driving continuous improvement and ensuring departmental targets are met and exceeded wherever possible
- Maintain a safe working environment ensuring all company and regulatory standards are achieved at all times

**DESIGN ENGINEER:**

- Follow the work instructions and work descriptions given by the product design engineer.
- Follow the set OEM standards and CAD methodology.
- Follow the systems and procedures of Johnson Controls – Only CAD / Design related complete the assignment within the estimated time or before the decided delivery date as given by PDE.
- Ensure regular weekly timesheet punching.
- To ensure the availability of information mentioned in the work order e.g., CAD data and relevant documents.
- Understand the work description and contact the product design engineer in case of any query.
- To fill up the checklist before delivery of the project & get it approved from / Product Design Engineer.
- To do self-inspection and take ownership of the work done Draft analysis, clash analysis, part comparison & kanban closure with checklist.

- To highlight issues to / Product design Engineer and propose improvement ideas for continuous improvement on processes and systems.
- To insure that there is no clash, no undercut no pending points, no deviation from A-surface and standard interfaces or templates.
- Ensure maximum usage of templates and macros.
- To adhere and respect shift schedule and timings.
- To plan leaves in advance with intimation to Design and Development Team Leader and Product Design Engineer.
- Respond to all training invitations and ensure 100% training attendance for all accepted trainings.
- To ensure flexibility and multi-tasking to work in different work groups and projects.
- To uphold & abide by code of ethics & Management.
- Awareness of QMS policy & Processes.
- Ensuring all work process & procedures are in align with QMS objectives & reporting any incident of deviation from QMS.

#### **FULL STACK DEVELOPER:**

- Develop enterprise class product.
- Be familiar with the latest Cloud Architectures and be strong in development of APIs, NodeJS stacks and noSQL Database design skills.
- In depth knowledge 2 or more of the following languages: Java, JavaScript, Python to develop user interactions on web pages.
- Integrate with our BigData/NoSQL/postgreSQL backend infrastructure (including partners) to pull data that feeds insight.
- Develop RESTful services and APIs to support user interactions on the back end.
- Own part of the multi-tenant product architecture and develop on JavaScript, HTML5, CSS3, JavaScript libraries like JQuery,Node.js,Angular.js and other open-source packages.
- Events driven applications that consume/produce events to/from kafka.
- Experience CI/CD and build pipelines & deploy services into kubernetes cluster.
- Be familiar with Agile Scrum.
- Have in-depth understanding of the entire web development process (design, development, and deployment).
- Innovate in the areas of engineering.
- Experience global teamwork skills with a problem-solving attitude.
- Master an ability to work remotely and use conference and collaboration tools effectively.

#### **ADDITIONAL SKILL FOR FULL STACK DEVELOPER:**

- UnixProcess.
- designTomcatjQueryLinuxDatabase.
- designMySQLWindowsSQLPython.

#### **STRUCTURAL ENGINEER:**

- Perform structural design and analysis calculations using governing codes and standards, engineering formulas, skills, and experience
- Layout and details portions of projects using schematic layout by project lead engineer. May be assigned responsibility for schematic or conceptual layout when qualified.
- Provide drawing for own designs and produce sketches to incorporate in drawings by Designers/Drafters.
- Research design options and document findings for project lead engineer.
- Review shop drawings.
- Assume the lead engineer's role on assigned projects.
- May serve as Project Engineer and as a designated Client contact on smaller, less complex projects.
- Develop probable construction cost estimates for his/her projects within the department.
- May direct and supervise other Designers/Drafters activities.
- Coordinate work with other disciplines such as architectural, mechanical, electrical, etc.
- Handle routine contract administration.
- Use computer-assisted engineering and design software and equipment to prepare engineering design documents.
- Attend and participate in Client meetings

- Perform field activities such as observe and record existing field conditions, take and verify measurements within project area.
- Organize, draft, and coordinate technical documents.
- Capable and experienced in managing and performing projects in a fast paced environment.

#### **EMBEDDED HARDWARE ENGINEER:**

- Work on ongoing projects on both Hardware and Software as per needs.
- Be flexible to learn and work on other languages, like C#, python etc.
- Become a quick learner and easily adapt to ongoing requirements.
- Self-learning in new technologies (may get guidance from seniors)
- Take care of inventory at Systems Department.
- Learn soldering including soldering of SMD components.
- Work as an active member of the team.

#### **ADDITIONAL SKILLS FOR EMBEDDED HARDWARE ENGINEER:**

- Should have Electronics Hardware knowledge.
- Should have Good knowledge of C++ Linux drivers.
- Linux Build system.
- Drivers for RS232, USB, I2C, SPI, Parallel, TCP/IP, Socket programming, RS485, Modbus, CAN.
- Processors X86, ARM (advantage).
- Windows MFC, Qt, GTK, GUI, XML.

#### **KEY SKILLS:**

- Proficient in the use of Microsoft Excel, Word, Access, PowerPoint and Outlook
- Effective oral and written communication skills
- Excellent computer skills in Microsoft Suite.

#### **SELECTION PROCESS (Virtual):**

- a) **Pre-placement Presentation**
- b) **Online Test**
- c) **Group Discussion**
- d) **Personal Interviews**

**TENTATIVE DATE OF JOINING: After successfully completion of the Course**

#### **PROCESS OF REGISTRATION:**

**01.** Interested students need to click on the below link or copy/paste the link on Google Chrome (or any other Web Browser) to fill all their details in the provided Google form and should submit to register successfully.

<https://forms.gle/yUG9tXeC1rTu2svX6>

**02.** Students registered with the T&P Department for placements, are only eligible.

**03.** Already placed & debarred students are not eligible.

**04.** Updated list of debarred students is available with the respective Faculty Coordinators.

**05.** Please note that it is mandatory to submit the above form to nominate successfully.

**06.** The form can be submitted only once, thus please be cautious while filling up the form.

**07.** The Resume File name must be student's own name.

**08. Registration deadline for Nomination is 12:00 pm, 02<sup>nd</sup> February, 2022.**

**09.** The Registration process will automatically turn off after the provided deadline.

**10.** One student can Register only once, thus be cautious while registering.

**11.** You are advised to read & understand the disclaimer below before applying for this opportunity.

**12. Coordinating Training & Placement Manager: Mr. Rahul Rej (WhatsApp @ 9831664615).**

Sd/-



**HEAD – TRAINING & PLACEMENTS**

**Disclaimer:** The above Notice is based on the information as shared by the employer. The employer reserves the right to change or modify the afore-mentioned job details without any prior information. The Training & Placement Department and the University will not be responsible for any deviation. Nominating or applying for the vacancy/job profile indicates your agreement to all the Terms & Conditions/Training & Placement Department Placement Policy, in these terms, as modified from time to time. Therefore students are strictly advised to read clearly & understand the Placement Policy (Procedural & Behavioral both) laid by the AJU Training & Placement Department, before applying for the above-mentioned profile.