



**Guru Gobind Singh Indraprastha University**  
“A State University established by the Govt. Of NCT Delhi”  
Sector 16-C, Dwarka, New Delhi – 110078



F. No.: GGSIPU/CCGPC/2023/\_638

6<sup>th</sup> July 2023

**Sub. Placement opportunity for B.Tech CSE, IT and ECE students of USICT, GGSIP University passing out in the year 2024 in the company “Schneider Electric”.**

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Placement opportunity for B.Tech CSE, IT and ECE students of USICT, GGSIP University passing out in the year 2024 in the company “Schneider Electric” for your reference and circulation to students to apply on given link by **7th July till 12 Noon:**

**For Registration – This opportunity has been uploaded Pod.ai Platform, you are required to accept the same and share with your students through your Pod.ai account.**

For POD platform related queries please call at +91-11-41179695 or write to support@pod.ai

**Name of Company:** Schneider Electric

**Roles:**

1. Graduate Engineer Trainee (GET)
2. Master Engineer Trainee (MET)
3. **COMPENSATION:**
  - a. **STIPEND : INR 35,000** per month for an Internship Role
  - b. **CTC : INR 12,00,000** per annum for B. Tech (when converted to a Full Time Role)
  - c. **CTC : INR 12,50,000** per annum for M. Tech (when converted to a Full Time Role)
4. **Eligibility Criteria** for students who are interested in applying are mentioned below
  - a. Should have **65% and above** in X, XII, Graduation and Post-Graduation (if applicable)
  - b. Should not have any live/active **backlogs currently**
  - c. B.Tech CSE, IT and ECE
    - o MCA
    - o M.Tech CSE, IT and ECE

**Important: This is valid only if you allow candidates for physical onboarding**

Please find the JD's attached for more information for the above positions. The students should be flexible and open to work in any of these Sub Departments if selected pls).

LAST DATE FOR REGISTRATION IS **8<sup>th</sup> June 2023 by 5:00 PM.**

(Ms. Nisha Singh)  
Training and Placement Officer,  
CCGPC, GGSIP University

The  
**FUTURE**

is electric, and  
 Schneider Electric is shaping it.

Create your future with the digital transformation of energy management and automation. At Schneider Electric we offer graduate opportunities and internships.



**About Schneider Electric International Operations**

Schneider Electric is leading the Digital Transformation of Energy Management and Automation in Homes, Buildings, Data Centers, Infrastructure and Industries.

At Schneider, we believe access to energy and digital is a basic human right. We empower all to make the most of their energy and resources, ensuring Life Is On everywhere, for everyone, at every moment.

Our revenue has been 34+ Billion Euros in 2020. With global presence in over 100 countries, Schneider is the undisputable leader in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

Apart from driving value proposition for our employees, customers and investors we contribute to the society through a structured, sustainable barometer-based performance.

Over the years we have evolved to become digital and innovative organization, building and leveraging our own capabilities and the capabilities in the eco system.

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## Important Information about the Schneider Electric University Program

- **Compensation: INR 12,00,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9 lakhs + 3 Lakhs of Sign on Bonus**)
- There is **No Service Agreement** clause for any Full Time Hires at Schneider Electric
- The **Probationary Period** for University Hires is **6 months**
- This is **an Indicative Job Description** (JD) about our International Operations division. We request all the students to go through the same. The students should also be flexible and open to work in any of these Sub Departments if selected for Internship or a Full - Time Role
- Students who are selected for International Operations would be placed in a **Techno Commercial Role in any of the Business Units mentioned in this JD**. This would encompass one or more of the below areas:

## GRADUATE ENGINEER TRAINEE – INDUSTRY

### Responsibilities

- Support Product Activity on Marketing front.
- Assist sales in meeting or exceeding yearly sales goals of all Schneider Industry platforms.
- Define and lead all promotional activity including product catalog, advertising, trade shows, case studies, internal newsletter and press releases.
- Be aware of the competitive trends in the Industry Business.
- Conduct regional product trainings

## GRADUATE ENGINEER TRAINEE – NATIONAL SALES

### Job Overview

An extremely dynamic sales role which requires prescriptive selling, solutioning & services sales. Being a sales engine, the roles also offers rich experience of handling customers, stakeholder management & carries very high visibility.

### Responsibilities

- Value based selling to End Users, Consultants, Contractor, Panel Builder, OEM, Distributors & Resellers
- Identifying customer needs & provide product & solution specification
- Generate marketing demand and provide feedback on ongoing trends
- Identify new markets, business opportunities and formulate Business Strategy
- Maintains quality service by establishing and enforcing organization standards
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; benchmarking state-of-the-art practices

### Key Skills required

- Presentation
- Prospecting
- Creativity
- Sales Planning
- Perseverance
- Negotiation skills
- Excellent interpersonal skills
- Commercial awareness & Numerical skills
- Great Customer Connect

## GRADUATE ENGINEER TRAINEE – CMO & BD

### Role Mission:

To develop the business regionally and in segments for Electrical Distribution business (Low voltage product portfolio of SE) & more EcoStruxure offerings. Manage a product portfolio & support Sales engine in pitching technically for the products & solutions to end customers.

### Responsibilities:

- Act as a Technology Ambassador of SE
- Ensuring success of Digital Technologies, Digital offers, Digital Tools & Platforms
- Supporting Sales on Customer conversion
- Understanding customer needs, specification & proposing the solution.
- Presales & application support for products & solutions
- Drive & position Technological Evolution with all internal & external stakeholders

### Competencies Required & To Build:

#### Technical Competencies:

- In-depth Knowledge of
- Power Distribution Offers (VCB, ACB, MCCBs, Switching & Controlling, Transfer Switches & FD) and its applications
- Power Management Offers (Energy Meters, PFC Components, AHF's)
- LV Systems (Busway System, LV Panels: Blokset & Prisma) & its applications
- **Functional Competencies:** Influencing & Convincing, Presentation Skill, Communication skill, Relationship building, Collaborating
- **Behavioral Competencies:** Focus on customers, Fostering cooperation, Higher adaptability,

## GRADUATE ENGINEER TRAINEE – POWER SYSTEMS

### Job Overview

Students from an engineering background who can handle Procurement of Electrical Items like Panels, Circuit Breakers, Transformers, Cables, Isolators, CT/PT and other substation equipment at the best price to ensure better margins to the organization.

### Responsibilities

- Perform supplier qualification, sourcing, bid conditioning and negotiation for best price, best delivery, and best quality in accordance to the project requirement
- Prepare contract and price negotiations for small volumes to contribute to the profitability of the company
- Perform systematic forwarding of relevant project information (e.g. updated contractual conditions, supplier management data) to keep all project participants up to date with the latest information
- Prepare and issue Request for Quotations (RFQ) , clarify RFQs to suppliers, clarify and (pre-evaluate bids. Bid Evaluation on basis of Commercial and Price Comparisons

## GRADUATE ENGINEER TRAINEE – SECURE POWER

### Job Overview

This role is primarily a techno-commercial role in the Secure Power Business unit within Schneider Electric. Secure Power is into selling of UPS, Racks & Cooling solutions, mainly in verticals such as Secure Power, Transport, Service Sales & HBN and Data Centre Solutions & three phase & single-phase service delivery.

Role would encompass the incumbent to be technically assisting the Sales team in pitching to customers and closing on deals.

There would be some amount of travelling involved.

The incumbent would have to meet customers/ dealers and prescribe ITB products & solutions, as per needs of customers. Candidates might also have to visit site locations if needed.

This position works with the following key external parties:

- End Users
- Consultants
- Distributors
- Resellers
- 

### Responsibilities: (under supervision of senior management)

- Maintaining and developing relationships with existing customers
- Visiting potential customers for new business
- Understanding customer needs, and prescribing solutions through Sales team
- Designing technical solutions for the customer
- Involvement during the project implementation at sites (if the role calls for )
- Gathering market and customer information
- Representing your organization at trade exhibitions, events and demonstrations
- Advising on forthcoming product developments / launches and discussing special promotions

### Key Skills required

- Excellent written and oral communication skills
- Strong Presentation skills especially with wider audience
- Good Technical know-how
- Problem solving skills

## GRADUATE ENGINEER TRAINEE – DIGITAL ENERGY

### Job Overview

This role is primarily a techno-commercial role in the Digital Energy Business, which is to do with managing the product portfolio of Digital Building (Building management systems, Fire & Security etc.) + Digital Power (Various ranges of Meters & Capacitors)

Role would encompass the incumbent to be technically assisting the Sales team in pitching to customers and closing on deals.

The incumbent would have to meet customers/ dealers and prescribe ITB products & solutions, as per needs of customers. Candidates might also have to visit site locations if needed.

The job involves high degree of Solution selling to customers and building business with our Distributors & End customers, in addition to Transactional selling.

### Responsibilities:

- Technically be adept to handle the overall DE business product portfolio
- Assist the regional Sales team to sell the solution to Customers.
- Build on the solution, based on customer specification.
- Gathering market trends & Customer needs

### Key Skills required

- Good technical know-how
- Presentation Skills
- Customer First attitude
- Negotiation skills
- Excellent interpersonal skills
- Commercial acumen

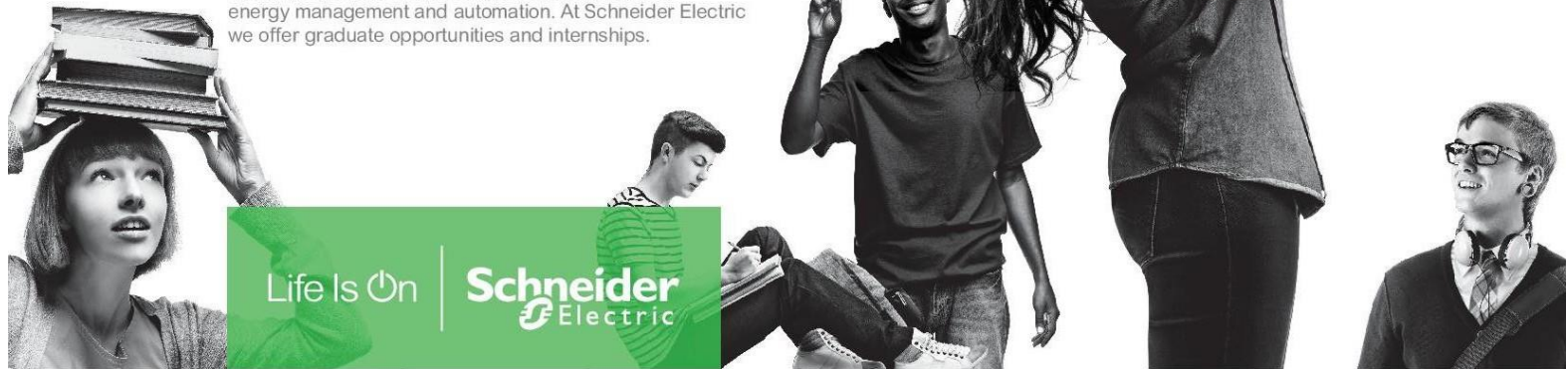


## Schneider Graduate Program – Technical

The  
**FUTURE**

is electric, and  
 Schneider Electric is shaping it.

Create your future with the digital transformation of energy management and automation. At Schneider Electric we offer graduate opportunities and internships.



Electrical & Automation (E&A) offers a wide range of products, solutions and turnkey services for electricity distribution and control, across various sectors: Industries, Utilities, Buildings, Residences and Agriculture.

Electrical & Automation (E&A) is one of the largest manufacturers of low and medium voltage switchgear components, low & medium voltage switchboards, power quality solutions, solar energy solutions, energy management system & metering solutions, life cycle enhancement (modernization) and industrial automation solutions. These products and solutions cater to the distribution, monitoring and control of electrical power in industries, utilities, buildings & critical infrastructure, national assets and agriculture sectors.

A popular brand in the country, Switchgear performs efficiently and delivers quality of power and management of energy in different environmental conditions. Designed to perform with reliability, all switchgear products offer several safety, communication and data management features.

Currently, over 1000 channel partners in major cities and towns distribute E&A's switchgear products. A network of 120 approved service centres support the necessary maintenance of these products.

E&A makes high quality energy meters and protective relays for utilities, industries, commercial establishments and domestic consumers. The meter range, popular as Meters, includes programmable tri-vector meters, single phase, three phase meters and intelligent meter panels.

A key capability of E&A is low and medium voltage switchboards and control panels. It is the market leader in low voltage switchboards and the largest supplier of switchboard panels in India. E&A undertakes turnkey contracts for comprehensive system engineering, supply, installation, testing and commissioning of switchboards and allied equipment including retrofitting.

With its systems integration capability, E&A offer solutions to diverse industry segments like oil & gas, water, minerals & metals, power, solar and infrastructure under the umbrella of Automation. It provides a large gamut of solutions comprising control and monitoring, system design, application engineering, intelligent software development, commissioning and life cycle services. Its biggest strength is its ability to integrate varied components from field devices to the management dashboard comprising instrumentation, electricals, drives, inverters, automation, SCADA, telecom and engineered IT solutions tailor made to customer needs.

Seven decades-old in-house design and development center for switchgear as well as tooling solutions for high precision tools form the backbone of E&A's leadership in switchgear business in India.

E&A has been on the path to consistently reducing the environmental footprint of its operations. With a consistent investment in energy reduction initiatives, there has been an increase in the use of renewable energy. Necessary interventions in the processes have reduced the GHG emissions by almost 21% in 2020 over 2016. E&A has green buildings at three of its major locations that ensure operations at these facilities remain eco efficient.

E&A's manufacturing operations in India are located at Navi Mumbai (Mahape), Ahmednagar, Vadodara, Coimbatore and Mysore.

***E&A's Global operations:***

The international operations of Electrical & Automation (E&A) business is about forging connections with new geographies and markets and making a mark with a host of offerings to mega projects in a variety of industry verticals. These operations cover electrical equipment manufacturing and supplies, electrical systems solutions and systems integration through automation solutions.

To strengthen its foothold in the Middle East region, E&A set up a manufacturing facility in Dammam & Malaysia for manufacturing, marketing and sales of Low and Medium Voltage Switchboards and related systems solutions, as well as allied products. E&A offers a comprehensive range of MV switchgear in the international market.

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## Important Information about the Schneider Electric University Program

- **Compensation:**

- **INR 12,00,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9 lakhs + 3 Lakhs of Sign On Bonus**)
- **INR 12,50,000** p.a. for M. Techs for a Full-Time Role (**TTC: 9.5 lakhs + 3 Lakhs of Sign On Bonus**)

- Stipend: **INR 35,000** per month for Internship Roles
- There is **No Service Agreement clause** for any Full Time Hires at Schneider Electric
- Job Location: **Mysore, Mumbai, Ahmednagar or Vadodara**

This is an **Indicative Job Description** (JD) about our R&D division. We request all the students to go through the same. The students should also be flexible and open to work in any of these Sub Departments if selected Internship or a Full - Time Role

## JOB DESCRIPTIONS OF GRADUATE ENGINEER TRAINEES

\*\*This job description sets out the scope of the role of GET and Schneider Electric, together with the main duties of the position at the date when it was completed. It does not include or define all tasks that may be expected to be carried out. Duties may vary from time to time without changing the nature of the position or level of responsibility.

### GRADUATE ENGINEER TRAINEE – PRODUCT QUALITY (Energy Meter)

#### Description

The Graduate Engineer Trainee will take an active role in Product Quality Assurance and Product Testing

#### Responsibilities

- Energy meter testing as per the relevant Indian and International standards.
- Work collaboratively with Production/ Engineering/ Design to address product Quality issues.
- Handling customer complaints, failure analysis and drive for improvements.
- Manufacturing process Quality improvement and process audits.
- Understand Test equipment operation and maintain the test lab for product testing.
- Integrate quality practices at work and ensure quality and Sustainability
- Understand the current and future state of business requirements
- Maintain appropriate documentation, traceability and configurations

#### Qualifications

#### Business / Soft Skills

- Must have good presentation, communication and inter-personal skills.
- Quick learning and analytical skills
- Ability to work effectively with internal stakeholders.
- Ability to manage multiple priorities in a fast-paced environment.
- A data-driven and fact-based decision making.
- Risk taking ability.

#### Technology Skills and Project/Internship Experience

- Strong knowledge of Electronic & Electrical component basics and its functions.
- Knowledge of Electrical Energy measurement basics.
- Ability to make basic electronic circuits for making testing jigs needs
- Ability to showcase Data Analysis skills and problem-solving capabilities.
- Academic project experience using test automation and Data Analytics will be a plus.
- knowledge of at least 1 programming languages such as C+, Python will be a plus.

**Education** : B.E./B. Tech Electronics & Communication/ B. Tech Electrical & Electronics

## GRADUATE ENGINEER TRAINEE – SUPPLIER QUALITY (E&E components)

### Description

The Graduate Engineer Trainee will take an active role in Evaluation, qualification & inspection of Electrical & electronic components and resolving Quality issues.

### Responsibilities

- Evaluation, qualification & inspection of Electrical & Electronic components (Electrical & Electronics)
- Work collaboratively with design and sourcing teams to understand the needs of approving New and Alternate components.
- Understand the importance of component reliability and apply the concepts.
- Analyze the component issues reported by production and field, take up the issue with suppliers for resolution.
- Understand Test equipment operation and maintain the test lab environment to evaluate the components.
- Integrate quality practices at work and ensure quality and Sustainability
- Understand the current and future state of business requirements
- Maintain appropriate documentation, traceability and configurations

### Qualifications

#### Business / Soft Skills

- Must have good presentation, communication and inter-personal skills.
- Quick learning and analytical skills
- Ability to work effectively with internal stakeholders.
- Ability to manage multiple priorities in a fast-paced environment.
- A data-driven and fact-based decision making.

Risk taking ability.

#### Technology Skills and Project/Internship Experience

- Strong knowledge of Electronic & Electrical component basics and its functions.
- Ability to make basic electronic circuits for making testing jigs needs
- Ability to showcase Data Analysis skills and problem-solving capabilities.
- Academic project experience using test automation and Data Analytics will be a plus.
- knowledge of at least 1 programming languages such as C+, Python will be a plus.

### Education

B.E./B. Tech Electronics & Communication/ B. Tech Electrical & Electronics

## GRADUATE ENGINEER TRAINEE – SUPPLIER QUALITY (Mech Components)

### Description

The Graduate Engineer Trainee will take an active role in Evaluation, qualification & inspection of Mechanical components and resolving Quality issues.

### Responsibilities

- **Approval Process:** Evaluation, qualification & inspection of Mechanical components (Molded, sheet metal, fasteners & packing materials etc.)
- FMEA preparation for new production (Mechanical perspective)
- Creating of Inspection plan for Incoming inspection as well as supplier Final inspection.
- Inspection gauge (Functional) development.
- **Problem Solving:** Resolution of Quality issues reported internally as well as from sub-assembly suppliers.
- **Supplier Quality:** Auditing of key supplier quality process.
- Joint Inspection with Supplier Quality team
- Driving quality improvement initiatives at suppliers
- Maintain appropriate documentation, traceability and configurations

### Qualifications

#### Business / Soft Skills

Must have good communication skills and inter-person skills.  
Ability to manage multiple priorities in a fast-paced environment.  
Team working, Adaptability.

#### Technology Skills and Project/Internship Experience

Basic knowledge of Mechanical Measuring instruments  
Good command on Engineering drawing concepts  
Basic understanding of statistical tools  
Basic understanding of Manufacturing processes such as Injection molding, press tools etc.  
Knowledge on Quality Analytics tools will be a plus.  
Command over design tools such “AutoCAD, CREO etc.” will be a plus.

### Education

B.E./B. Tech Mechanical Engineering

## GRADUATE ENGINEER TRAINEE – Testing/Product Certification

### Description

The Graduate Engineer Trainee will take an active role in

- Validation of embedded hardware designs with respect to standard and customer requirements.
- Present the product and negotiate with third party laboratories to get the right certification at the lower cost and in due time.
- Maintain the validity of existing product certifications/licenses.

### Responsibilities

- Understand the product requirements / specifications to validate and check the product compliance through testing.
- Plan and carry out in-house testing and maintain records for assigned testing jobs.
- 
- Work collaboratively with design and product management team to carry out certification activities.
- Interact and co-ordinate with third party labs/certification bodies to complete/maintain various product certifications required for business.
- Maintain documentation for the activities responsible as per the departmental procedures.

### Qualifications

#### Business / Soft Skills

- Must have solid business communication and inter-personal skills.
- Ability to work effectively with various stakeholders from business.
- Ability to manage multiple priorities in a fast-paced environment.
- Quick learner to understand the new product requirements

#### Technology Skills and Project/Internship Experience

- Strong fundamental knowledge of electrical engineering.
- Ability to study and understand product standards.
- Ability to showcase Data Analysis skills and problem-solving capabilities.
- Strong knowledge of Microsoft applications (Excel, Word, Teams etc.)

#### Education

B.E./B. Tech Electrical & Electronics

## GRADUATE ENGINEER -TRAINEE APPLICATIONS

### Description

A challenging role in an in-house IT set up/team within Schneider Electric which is responsible for delivering IT services (application support, maintenance, and development) covering multiple technologies, domains and applications.

### General Abilities and Skills/Attitude expectations:

- Ability to gather requirements, perform detailed analysis and breaking down of requirement to actionable and ability to lead large initiatives
- Ability to question peers, customers, and processes
- Capable of devising mature solutions, explain in specific technical areas Web Content Management, Identity and Access Management (SailPoint, PingID, Active Directory), Enterprise Communication Tools,
- Enterprise Search, ITSM, HRSM, O365 Collaboration Tools (SharePoint, Teams, Exchange), Mobile Device
- and Endpoint management and get technical developments done and clarity on configurational relativities.
- Good communication and decision-making skills with the ability to convince leaders with the help of data.
- Fast, clear, and independent thinker who is naturally curious about how process and systems work
- Candidate should be able to design end-to-end simple user documentation and for a give use case keeping user experience in mind
- Good understanding of various technology / concepts related to on premise / cloud applications, data
- privacy and cyber-security.

### Technical Skills (in addition to above functional abilities)

- Strong knowledge of Object-Oriented Programming (OOP) Concepts, Data Structures, Algorithms
- Sound programming skills (Java/C#/PHP and related technologies), Collections and JSP, knowledge of
- Must be familiar with client-side technologies for e.g. JavaScript, CSS
- Good understanding of software development methodologies
- Development of Specified Designs & Delivery of Integrated Unit Testing
- Knowledge of various SDLC methodologies Agile, Iterative, Waterfall
- Support the entire application lifecycle (concept, design, test, release and support)
- Hand-on experience in building enterprise products using frameworks like Node.js, Angular
- Troubleshoot and debug to optimize performance
- Design interfaces to improve user experience
- Explore and integrate new technologies, transitioning operations from traditional administration and
- deployment to infrastructure as application leveraging automation/configuration management technologies
- Daily maintenance/administration of multiple employee-facing technical systems
- Work with our product development team to implement and support



### Soft Skills:

Must have good presentation, communication, and inter-personal skills.

Ability to manage multiple priorities in a fast-paced environment.

A data-driven mindset. Knowledge of a foreign language will be a plus.

Ability & desire to learn new technologies/skills quickly. An analytical mind and logical thinking

### Technology Skills and Project/Internship Experience

Good knowledge of the software development life cycle.

Ability to self-learn and adapt to new and emerging technologies like mobile apps development.

### Education

BTech/BE- Electrical, Electronics, Computer Science

## GRADUATE ENGINEER TRAINEE – COMPONENT ENGINEERING, DESIGN

### Description

The Graduate Engineer Trainee will take an active role in evaluating and qualifying electronic/electrical components for new product development and supply chain requirements

### Responsibilities

- Evaluate and compare alternate components for technical parameters
- Understand application of components in various products and platforms
- Decide testing requirements in product platforms based on schematics and application
- Conduct technical discussions with product owners
- Follow stagewise process for component qualification and approval
- Interface with quality team and sourcing team to resolve queries
- Report progress to the management

### Qualifications

#### Business / Soft Skills

- Must have good presentation, communication and inter-personal skills.
- Ability to work effectively with cross functional teams.
- Ability to manage multiple priorities in a fast-paced environment.
- A data-driven and process-oriented mindset is a must.

#### Technology Skills and Project/Internship Experience

- Strong technical knowledge on electronic circuits, types of components and parameters
- Knowledge of power supply design and components used
- Knowledge of capacitors and construction, batteries and memories
- Knowledge of programming languages such as C/C++/C#, Python
- Ability to showcase Data Analysis skills and problem-solving capabilities.
- Academic project experience on hardware and software platforms will be a plus.

### Education

- B.E./B. Tech, Electronics & Communication

## GRADUATE ENGINEER TRAINEE – DESIGN MPS

### Description:

The Graduate Engineer Trainee will take an active role in learning the Schneider Electric design practices & contribute to design and development of new products (Energy Meter) as per customer requirements.

### Responsibilities:

- Work collaboratively to design and develop Smart Energy Meter
- Integrate quality practices in all aspects of technology delivery
- Work with stakeholders to understand and quantify the requirements
- Maintain appropriate documentation, traceability and configurations
- Execute tasks in all phases of the project development lifecycle
- Team player with a passion for innovation, agility and learning every day to better protect Schneider

### General Abilities and Skills:

- Good understanding of current technological trends
- Ability to manage multiple priorities in a fast-paced environment.
- Ability to learn new technologies quickly.
- An analytical mind and logical thinking
- Troubleshooting and debugging skills
- Good communication and interpersonal skills.

### Technical Skills:

- Understanding of Basics of Microcontrollers, Microprocessors, Memories etc.
- Understanding of Basic Electronics concepts – Power, Analog & Digital
- Language – Embedded C, Basics of C++
- Basic understanding of various wireless technologies & Antennas

### Education:

B.E./B. Tech Electronics & Communication, Electronics, Electrical & Electronic

## GRADUATE ENGINEER TRAINEE – MTG

### Description

The Graduate Engineer Trainee will take an active role in Research & Development and contribute towards the Manufacturing Technology initiatives and projects.

### 1. Responsibilities (common for Mechanical, Electrical & Electronics & Mechatronics)

- Creation & Application of New Technology in Manufacturing Processes.
- Conceptualize, Design of New SPM's, Measuring & Inspections Systems.
- Design of Pneumatic & Hydraulic Circuits & systems
- Troubleshooting of Assembly Lines, SPM's & standard Equipment.
- Development of Prototype systems, Low cost automation systems.
- Co-ordinate with different functions for smooth implementation of projects.
- Achieve intended Productivity & Quality
- Initiatives to reduce NVAs
- Capacity enhancement on existing SPM's, Lines
- Documentation for Manuals, Knowledge Management, Technical write-ups, patents etc.

### Business / Soft Skills (common for Mechanical, Electrical & Electronics & Mechatronics)

- Must have solid presentation, communication and inter-personal skills.
- Should be able to work in a cross cultural and cross functional global environment.
- Have a logical mindset for problem solving and precision driven, innovative solutioning.
- Should possess a keen interest in learning new technologies.
- Should be adaptable with changing trends and driven to enhance business and technological acumen
- Should be able to manage multiple priorities in a fast-paced environment.
- An excellent attention to details.

### Technology Skills and Project/Internship Experience: (this is for Electrical & Electronics & Mechatronics candidates)

- Control system design.
- PLC programming (Schneider, Allen Bradley, Mitsubishi)
- Programming in LabVIEW, VB.net, SQL, HMI,
- SAP integration with MES
- Strong knowledge of Microsoft applications (Excel, Word, Teams etc.)
- Ability to showcase Data Analysis skills, Problem-solving capabilities with Logical interpretation and reasoning.
- Exposure to business world through projects/Internships is a plus.

### Technology Skills and Project/Internship Experience: (for Mechanical GET candidates).

- Conceptualize, Design of New SPM's, Measuring & Inspections Systems.
- Design of Pneumatic & Hydraulic Circuits & systems
- Troubleshooting of Assembly Lines, SPM's & standard Equipment.
- Development of Prototype systems, Low cost automation systems.
- 2D/3D modelling in Creo /AutoCAD

### Education

- B.E./B. Tech in Mechanical and Electronics or Mechatronics

## GRADUATE ENGINEER TRAINEE – R&D

### Description

The Graduate Engineer Trainee will take an active role in Research & Development and contribute towards the New Product Development and Product Life Cycle Management initiatives and projects.

### Responsibilities

- Design & development of Low voltage Switchgear products like Air Circuit breakers, Molded Case Circuit Breakers, Contactors, Relays, and Starters etc.
- Understanding the technological trends, market demands, customer preferences and competitors' strategy
- Get conversant with latest design trends in L.V. switchgear products.
- Develop fair idea/ knowledge of engineering plastics and contact materials, their properties, characteristics used in switchgears
- Understand and apply Indian and International Standards on L.V. Switchgear and their Testing.

### Qualifications Business / Soft Skills

- Must have solid presentation, communication and inter-personal skills.
- Should be able to work in a cross cultural and cross functional global environment.
- Have a logical mindset for problem solving and precision driven, innovative solutioning.
- Should possess a keen interest in learning new technologies.
- Should be adaptable with changing trends and driven to enhance business and technological acumen
- Should be able to manage multiple priorities in a fast-paced environment.
- An excellent attention to details.

### Technology Skills and Project/Internship Experience

- Use product design packages like PRO-E, Solid Edge.
- Knowledge of Simulation program like ANSYS will be preferred
- Good understanding of current technological trends.
- Strong knowledge of Microsoft applications (Excel, Word, Teams etc.)
- Good knowledge of the design & development process
- Ability to showcase Data Analysis skills, Problem-solving capabilities with Logical interpretation and reasoning.
- Exposure to business world through projects/Internships is a plus.

### Education

- B.E./B. Tech in Electrical, Mechanical and Electronics

## GRADUATE ENGINEER TRAINEE – New product industrialization

### Description

The Graduate Engineer Trainee will take an active role in Research & Development and contribute towards the New Product Engineering and building strong Manufacturing Processes.

### Responsibilities

- Concurrent Engineering of Sub-assemblies and assemblies during Design
- Work on assembly line & workstation layout, Improve production processes, Manpower calculation
- Planning, developing and implementing assembly processes for Switchgear with Quality, Quantity and Time target
- Planning, Procuring and Productionising Press tools
- Planning and Developing sheet metal components of new products
- Creating SAP masters for productionising
- Preparing and updating documentation like Process Sheets, SOP
- Documentation like Routings, SOP, BOM, Mat. Masters, SIR
- Conducting PFMEA and set fail proof processes.
- Set up processes like welding, Assembly, Riveting
- Manufacturing process knowledge and Statistical techniques

### Qualifications Business / Soft Skills

- Must have solid presentation, communication and inter-personal skills.
- Should be able to work in a cross cultural and cross functional global environment.
- Have a logical mindset for problem solving and precision driven, innovative solutioning.
- Should possess a keen interest in learning new technologies.
- Should be adaptable with changing trends and driven to enhance business and technological acumen
- Should be able to manage multiple priorities in a fast-paced environment.
- An excellent attention to details.

### Technology Skills and Project/Internship Experience

- Manufacturing process knowledge, PFMEA, Statistical techniques
- Strong knowledge of Microsoft applications (Excel, Word, Teams etc.)
- Good knowledge of the design & development process
- Ability to showcase Data Analysis skills, Problem-solving capabilities with Logical interpretation and reasoning.
- Exposure to business world through projects/Internships is a plus.

### Education

- B.E./B. Tech in Mechanical and Electronics or Mechatronics

## GRADUATE ENGINEER TRAINEE – Electrical Systems & Equipment

### Description

The Graduate Engineer Trainee will take an active role in Research & Development and contribute towards the New Product Engineering and building strong Manufacturing Processes.

### Responsibilities

- Domestic Sales
- Manufacturing
- Quality
- R&D

### Qualifications Business / Soft Skills

- Must have solid presentation, communication and inter-personal skills.
- Should be able to work in a cross cultural and cross functional global environment.
- Have a logical mindset for problem solving and precision driven, innovative solutioning.
- Should possess a keen interest in learning new technologies.
- Should be adaptable with changing trends and driven to enhance business and technological acumen
- Should be able to manage multiple priorities in a fast-paced environment.
- An excellent attention to details.

### Technology Skills and Project/Internship Experience

#### Education

- B.E./B. Tech in Mechanical and Electrical

## GRADUATE ENGINEER TRAINEE – Automation

### Description

The Graduate Engineer Trainee will take an active involved in the following roles and can be placed across below functions

- Engineering (Erection/commissioning/Execution)
- Tendering & Proposals
- Project Engineering

### Qualifications Business / Soft Skills

- Must have solid presentation, communication and inter-personal skills.
- Should be able to work in a cross cultural and cross functional global environment.
- Have a logical mindset for problem solving and precision driven, innovative solutioning.
- Should possess a keen interest in learning new technologies.
- Should be adaptable with changing trends and driven to enhance business and technological acumen
- Should be able to manage multiple priorities in a fast-paced environment.
- An excellent attention to details.

### Technology Skills

PLC /SCADA/RTUs /Drives/LAN /Networking/ Security & surveillance, PAGA,

### Education

- B.E./B. Tech in Electronics or Electronics & Communication



## GRADUATE ENGINEER TRAINEE – ESP

### Description

The Graduate Engineer Trainee will take an active involved in the following roles and can be placed across below functions

### Functions

- Sales, Product Marketing & Business Development.
- Manufacturing & Associate functions
- Product life cycle management
- Quality

### Key Responsibilities/Deliverables: Sales/Product Marketing/Business Development

1	Understanding L&T Offerings - EAIC Products & Solution, Our strengths & weakness, Competitors Product & Solution, Targeted Customer History & needs analysis.
2	Customer relationship management, Work with assigned list of customers product approvals across range, preference creation in projects.
3	Improve Share of wallet from targeted conversion customers & own active project till orders gets finalized
4	Review and update of Technical Specifications for major products in scope. Prescribe L&T EAIC favorable specifications in upcoming projects for competitive edge
5	Conduct Sales promotion activities: Technical presentations /Webinars /IPTs/Product Demos for customers

### Key Responsibilities/Deliverables: Quality

1	Quality Control/Inspection at different stages of Value Chain (Receipt, In-Process & Final)
2	Reliability Evaluation / Testing of Components, Sub-assemblies and Finished Products w.r.t design specs and customer requirements
3	Conducting Technical Audits (for adequacy & compliance) of Processes, Products and Systems (In-house as well at suppliers' premises)
4	Designing/Developing and up-keep of Inspection & Testing Aids including Gauges, Inspection Fixture etc.
5	Driving/Carrying out Quality Improvements (based on inspection/testing and field feedback)
6	Supporting New Product Development towards building/assuring quality at different stages

### Key Responsibilities/Deliverables: Quality

1	Ensure all safety practices for his/her line.
2	Supervise Production Line to ensure right Output
3	Ensure adherence to DWM activities to meet all the set KPIs of the respective Line
4	Practice TPM – JH & KK as primary role.
5	Do continuous improvement for reducing defect, reducing cost & Increasing Productivity
6	Drive Kaizen & QCC culture & increase workmen involvement

### Education

- B.E./B. Tech in Electrical/Electrical & Electronics & Mechanical

## GRADUATE ENGINEER TRAINEE – FZE

### Description

The Graduate Engineer Trainee will take an active involved in the following roles and can be placed across below functions

### Functions

- Engineering
- Proposal Engineering

### A) Key Responsibilities/Deliverables: Proposal Engineering

Areas of Responsibility:

1. Creating and standardizing offer making process and templates
2. Improving the quality of proposals thereby increasing the win ratio and reducing the cost variance
3. Updating and maintaining offer making tools and implenting feedback process for continuous improvement
4. Piloting the precision pricing tool

### Metrics:

1. No. & type of jobs transferred from PEG scope to RSE scope
2. New tools for better bid presentation and offer making
3. Bid-win ratio
4. Cost variance (attributable to wrong estimation / understanding)
5. Win Loss margin
6. Reduction in Win Margin (L2-L1)
7. Updation of reference list
8. Maintenance of Loss analysis reports

### Education

- B.E./B. Tech in Electrical/Electrical & Electronics/Electronics & Communication

### B) Key Responsibilities/Deliverables: Engineering/Function Engineering

Areas of Responsibility:

1. Understanding project requirements and completing all duties assigned by manager.
2. Documentation
3. Raising concerns and making suggestions for improvement
4. Participating in meetings and trainings.
5. Maintaining a high degree of professionalism and diligence.
6. Travelling to sites for commissioning. Observing health and safety regulations at all times.

### Metrics:

1. 100% adherence to Document Control Index
2. Productivity: Engineering effectiveness
3. Adherence to estimated engineering manhours
4. Adherence to budgeted cost
5. Identify avenues on to reduce cost

**Education :** B.E./B. Tech in Electrical/Electrical & Electronics/Electronics & Communication

## Schneider Graduate Program - Technical

The  
**FUTURE**

is electric, and  
 Schneider Electric is shaping it.

Create your future with the digital transformation of energy management and automation. At Schneider Electric we offer graduate opportunities and internships.

Life Is On | Schneider Electric

### About Schneider Electric

Schneider Electric is leading the Digital Transformation of Energy Management and Automation in Homes, Buildings, Data Centers, Infrastructure and Industries.

At Schneider, we believe access to energy and digital is a basic human right. We empower all to make the most of their energy and resources, ensuring Life Is On everywhere, for everyone, at every moment.

Our revenue has been 34+ Billion Euros in 2023. With global presence in over 100 countries, Schneider is the undisputable leader in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

Apart from driving value proposition for our employees, customers, and investors we contribute to the society through a structured, sustainable barometer-based performance.

Over the years we have evolved to become digital and innovative organization, building and leveraging our own capabilities and the capabilities in the eco system.

### About Global Supply Chain

Global Supply Chain (GSC) is a pivotal function driving customer experience and adding to the competitiveness of the organization through its transformation and productivity linked initiative. Global Supply Chain's Vision is purpose-built for being close to customers and to deliver on the promises that our sales teams make to them. We have very unique customer requirements depending on the region of the world or their customer segment. We want to

understand their buying behaviors and translate them into supply chain requirements that we can leverage to drive scale and create a competitive advantage for the Group.

Supply Chain is helped by state-of-the-art technology-based planning function, highly competitive procurement capabilities, network of SMART factories and SMART logistics centers. This gives us an opportunity to convert online data into meaningful insights through our global analytics function.

Global Supply Chain India has 24 Factories and 41 DCs that caters to different global markets (70% - exports and 30% - domestic market – COGS – approx. 1.18B Euros). We have the distinction of setting up of world class SMART factories in Hyderabad and Bangalore. We are also making our Distribution Centers SMART. Most of our factories have implemented all the facets of Industry 4.0 (IOT, IIOT, Robotics and Additive Manufacturing).

Through continuous transformation and footprint adoptions, modeling simulation, QVE and Continuous Improvement projects, we have made India as the most competitive destination for Schneider Electric. 3% to 5% of global productivity is contributed by GSC India.

This region works very closely with MEA and EAJR regions giving it a unique opportunity to bring in global exposure to people working here. Close to 78% of employees are millennials (Gen Y&Z). The organization is driven by learning and innovation culture (Average Learning hours > 10 hours).

In Bangalore, we have State-of-the-Art Global capability Centers:

- GSC Analytics Center
- Planning (Kinaxis) Center
- Regional center of digital innovation
- Global packaging center

## o Important Information about the Schneider Electric University Program

- **Compensation:**
  - **INR 12,00,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9 lakhs + 3 Lakhs of Sign On Bonus**)
  - **INR 12,50,000** p.a. for M. Techs for a Full-Time Role (**TTC: 9.5 lakhs + 3 Lakhs of Sign On Bonus**)
  - INR 35,000** per month for Internship Roles
- There is **No Service Agreement clause** for any Full Time Hires at Schneider Electric
- The **Probationary Period** for University Hires is **6 months**.
- This is **an Indicative Job Description** (JD) about our R&D division. We request all the students to go through the same. The students should also be flexible and open to work in any of these Sub Departments if selected Internship or a Full - Time Role

## GLOBAL SUPPLY CHAIN INDIA – MASTER ENGINEER TRAINEE – ROLE OVERVIEW

We are looking forward to young **M. Tech. Postgraduates** from specializations like Mechanical/ EEE/ E&C/ E&I/ Industrial/ Mechatronics/ Power Electronics/ Robotics

Exposure post onboarding: 10 months of exposure through cross functional / transformational / customer facing and finance related projects.

### Attachment to functions

After the above said exposure, Master Engineer Trainees can be placed in any of the following functions:

- **Supply Chain Deployment:** Technical specialists & Support (plastic & metallic components, PCBA & Product assembly and test.) in Industrialization or Manufacturing engineering (Supply Chain Deployment).
- **Supply Chain Planning:** Management of all flow-related aspects (incoming, outgoing and internal) for the entire Global Supply Chain.
- **Supply Chain Performance:** Responsible for process improvement projects for a given scope. Areas of expertise: SPS, process design, ergonomics, capacity, simulation tools, investment, cost analysis, performance, etc.). Can have hierarchical / non-hierarchical responsibilities with associated people management & budgetary accountability. Strongly contributing to / leading continuous improvement actions for the scope.
- **Procurement:** Procurement of direct and in-direct components for the organization at entity level for a product at regional level.
- **Customer Satisfaction & Quality:** Responsible for the Process/Continuous improvement within their unit to support Customer Satisfaction and Quality. Manages cross functional teams, implements operational technique and performs activities aimed both at monitoring a process and at eliminating causes of dissatisfaction.
- **Logistics:** Management of a logistic territory. Assure the SC&L operations (responsible of transportation, logistic offer and demand planning). Assure the evolution of the design of the supply chain within the logistic territory.
- **Special Transformational projects:** Transformational, cross functional projects

### Placement Locations

Bangalore, Chennai, Gurgaon and Hyderabad.

### Demonstrated Competencies

#### Leadership

1. Foster Collaboration and Networking
2. Project Management
3. Change Management/ Implementation Methodology
4. Lead High Performing Team
5. Lead with Agility
6. Set Vision and Strategy
7. Influence and Convince
8. Achieve Sustainable Results

#### Functional

1. Supply Chain Planning
2. Logistics
3. Customer Satisfaction & Quality
4. Procurement
5. Focus on Customer
6. Digital Acumen

7. Lean, Six Sigma, 8D, etc.
8. Exposure to Industry 4.0/ AI/ ML/ Data Science

Others

1. Cross-Cultural
2. Issue Resolution
3. Communicate Effectively
4. Customer Orientation
5. Learning Agility
6. Entrepreneurial



## Schneider Graduate Program - Technical

The  
**FUTURE**

is electric, and  
 Schneider Electric is shaping it.

Create your future with the digital transformation of energy management and automation. At Schneider Electric we offer graduate opportunities and internships.



### About Schneider Electric, R&D

Established in 2002, our India R&D Centre is the 2<sup>nd</sup> largest of its kind in the Schneider world after France. Here, highly qualified cross functional technical teams work on bringing our products to life, across all phases of the Product Development cycle. This helps us realize our purpose of: providing energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

At Schneider Electric, we believe **access to energy and digital** is a basic human right. We empower all to **make the most of their energy and resources**, ensuring Life Is On everywhere, for everyone, at every moment.

### A glimpse into the Competency Spread of R&D:

- Electromechanical
- Embedded SW
- System Engineering
- Verification & Validation
- Cloud Software
- Design Tools
- Product Development
- Project Management





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## Important Information about the Schneider Electric University Program

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  - **INR 12,00,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9 lakhs + 3 Lakhs of Sign On Bonus**)
  - **INR 12,50,000** p.a. for M. Techs for a Full-Time Role (**TTC: 9.5 lakhs + 3 Lakhs of Sign On Bonus**)
- Stipend: **INR 35,000** per month for Internship Roles
- There is **No Service Agreement clause** for any Full Time Hires at Schneider Electric
- Job Location: **Bengaluru or Hyderabad**
- This is **an Indicative Job Description** (JD) about our R&D division. We request all the students to go through the same. The students should also be flexible and open to work in any of these Sub Departments if selected Internship or a Full - Time Role

## GRADUATE ENGINEER TRAINEE: SOFTWARE DEVELOPMENT ENGINEER

This job description sets out the scope of the role of Intern Software Developer Engineer and Schneider Electric, together with the main duties of the position at the date when it was completed. It does not include or define all tasks that may be expected to be carried out. Duties may vary from time to time without changing the nature of the position or level of responsibility.

### Scope of role

- Be part of a team of software developers building industry leading, robust and innovative software solutions that are fit for purpose.
- Utilize the department development infrastructure, development processes and software programming techniques and provide feedback as appropriate
- Contribute to building a productive, pleasant working environment using the senior team members as role models.
- Position reports to the Senior Engineering Manager.

### Key Responsibilities

- Assist with the analysis, design and development, testing and documentation of new software solutions
- Development of new software as required by the company.
- Development of improvements to our existing solutions as required by the company.
- Configure software development tools as required by the company.
- Assist in the estimation of tasks, identify possible obstacles and propose appropriate solutions.
- Follow company software data processing and security guidelines in developing software.

### Key Skills and experience

- Currently studying for a degree in Software Engineering/Computer Science or similar numerate discipline with an anticipated good result.
- Excellent inter-personal/communication skills.
- Sound knowledge on data structures.
- Played with programming languages like Javascript, Java or DotNet. Participation in hackathons is an added advantage.
- Exposure to Object oriented programming.
- Modify source code to develop security by design.

### Key Behaviors

- Attention to detail, self-motivated and team player.
- Passionate about Software Development.
- Dependable and committed to continuous improvement.
- Ability to solve problem quickly.
- Ability to multi-task and stay organized in dynamic work environment.

### Education:

- B.E./B.Tech in Computer Science Engineering

## I&T GET / MET

This job description sets out the scope of the role of GET /MET and Schneider Electric, together with the main duties of the position at the date when it was completed. It does not include or define all tasks that may be expected to be carried out. Duties may vary from time to time without changing the nature of the position or level of responsibility.

### Scope of role

- Be part of a team of software developers building industry leading, robust and innovative software solutions that are fit for purpose.
- Utilize the department development infrastructure, development processes and software programming techniques and provide feedback as appropriate
- Contribute to building a productive, pleasant working environment using the senior team members as role models.
- Position reports to the Senior Engineering Manager.

### Key Responsibilities

- Assist with the analysis, design and development, testing and documentation of new software solutions
- Development of new software as required by the company.
- Development of improvements to our existing solutions as required by the company.
- Configure software development tools as required by the company.
- Assist in the estimation of tasks, identify possible obstacles and propose appropriate solutions.
- Follow company software data processing and security guidelines in developing software.

### Key Skills and experience

- Currently studying for a degree in Software Engineering/Computer Science
- Excellent inter-personal/communication skills.
- Sound knowledge on data structures.
- Played with programming languages like Javascript, Java or DotNet.
- Participation in hackathons is an added advantage.
- Exposure to Object oriented programming.
- Modify source code to develop security by design.
- Prefer to have programming knowledge in C#, .net / .Net core, Angular / React and experience in usage of atleast one database
- Excellent analytical and problem-solving skills
- Knowledge of Cloud is an advantage
- Work on proof of concepts

### Key Behaviors

- Attention to detail, self-motivated and team player.
- Passionate about Software Development.
- Dependable and committed to continuous improvement.
- Ability to solve problems quickly.
- Ability to multi-task and stay organized in dynamic work environment.

### Education:

- B.E./B.Tech/ M.Tech in Computer Science Engineering / IT / ECE

## (IRC) GET: EMBEDDED FIRMWARE ENGINEER

### Role

- Design and develop embedded firmware for microcontroller based industrial control system.
- Define and implement high performance software by leveraging the understanding of embedded hardware

### Requirements:

- Experience of Assembly and C programming is must
- Good understanding of Operating Systems fundamentals is must.
- Understanding of Real Time Operating Systems is added advantage but not mandatory
- Good understanding of communication and networking is must.

## (IRC) GET: APPLICATION SOFTWARE ENGINEER

### Role

- Design and develop application software for industrial control system
- Define and implement high performance software by leveraging the understanding of the control system and process automation know how.

### Requirements:

- Experience in C# / .Net / JAVA programming
- Good understanding of Operating Systems fundamentals is must.
- Good understanding of Design patterns is must
- Nice to have: an understanding of Web programing using Service Oriented Architecture

### Department Description

**India Research Center (IRC)** is located at Hyderabad, Telangana, and is responsible for research and development of various product lines of Process Automation division of our Industry Business. Our team works on various cutting-edge technologies under diversified areas such as hardware development, firmware development, and application software development for Process Automation solutions. The department owns the various product lines for PA:

1. **SCADA:** This is one of the legacy products under the brand name "Foxboro" consisting of two types of products called Master Telemetry Units (MTU) and Remote Telemetry Units (RTU).
2. **Engineering Workbench:** This is the tool used for the engineering of distributed control systems under the brand name "Foxboro".
3. **Triconex:** This product line is the leader in safety critical PLC segment in industry. The team in IRC develops and maintains various configuration and diagnostic tools for Triconex PLCs
4. **Condition Monitoring:** This product line offers various solutions for plant equipment condition monitoring.

The IRC also works on Innovation projects in the field of machine learning and IoT. We're looking for students with strong communication skills, self-motivation and ability to work with a diversified team.

## (LVCS) GET: EMBEDDED (FW & HW) – ENERGY MANAGEMENT

### Scope:

To execute embedded projects in Switchgear from our R&D center.

### Requirement

- Strong knowledge on the embedded programming
- Strong knowledge on Digital and Analog electronics
- Understanding real time application
- Strong knowledge on high level languages like C, C++
- Very strong communication and Presentation skills
- Student should be highly motivated and self-driven

### Job Description:

- Firmware development by using Embedded language such as C, C++
- Programming and interfacing microcontroller peripherals like timers, UART, ADC, DAC, IO, sensors and actuators. Memory Interfacing Techniques.
- Design and development on 16/32 bit microcontrollers (ARM, coldfire, PowerPC.), RTOS (VxWorks, threadx, Embos..), usage of IDE, toolchain, debuggers.
- Knowledge on basic protocols like CAN, SPI and I2C etc
- Nice to have: Exposure to embedded software development for switchgear and PLC products.
- Nice to have: Signal processing: Audio, Video with DSP controllers

### Qualification

B.E./B.Tech ECE/EEE/CS/IS

## (DE-1) GET: EMBEDDED (FW & HW) – ENERGY MANAGEMENT

### Scope

Work as part of development teams, alongside experts for Embedded IoT products development from our R&D center.

### Requirements

- Knowledge on embedded systems and its working
- Good knowledge on Electronics and Embedded Firmware/Software
- Understanding of operating system concepts
- Hands on in some circuit designs, programming languages (Ex: Assembly, C, C++, Scripting)
- Good communication and Presentation skills
- Should have curiosity, determination, engagement, motivation

### Role

- Design/Development and life cycle management of embedded product, components in both Electronics and Firmware.
- Knowledge of interfaces like UART, USB,SPI,CAN and Memory
- Knowledge of Integrated development IDEs like Keil and Electronics simulation tools
- Nice to have: Exposure to embedded software development in embedded communication projects.
- Nice to have: Knowledge on wireless domain

### Qualification

B.E./B.Tech in ECE/EEE/CS

## (DE-2) GET – CLOUD & ANALYTICS SOFTWARE – ENERGY MANAGEMENT

### Scope

To execute Software Projects like Configurators, Cloud based Web Applications, Analytics from our R&D center.

### Requirements

- Strong knowledge on the front end /back end programming
- Strong understanding about Software fundamentals (Data structure, OOPS, Operating systems, Database & Algorithm analysis)
- Well aware of various Communication Protocols (TCP/IP, HTTP/S )
- Strong knowledge on high level languages like C, C++, C#, Java, JS, TS
- Very strong communication and Presentation skills
- Desirable to have awareness about latest technology trends
- The person should be highly motivated and self-driven
- Software development by using latest technologies
- Understanding IoT based Application Architecture
- Exposure to Cloud Applications
- Good knowledge of SQL/NoSQL

## (DE-3) GET – MOBILE SOFTWARE – ENERGY MANAGEMENT

### Scope:

To execute Native & Hybrid Mobile Apps development projects from our R&D center.

### Requirement

- Native/ Hybrid Mobile App Development (Android /iOS)
- Strong knowledge on high level languages like C#, Java, Objective C, Swift, Kotlin
- Mobile Software development by using latest technologies
- Understanding IoT based Application Architecture
- Understanding of Cyber Security and fundamentals
- Very strong communication and Presentation skills
- Desirable to have awareness about latest Mobile technology trends
- The candidate should be highly motivated and self-driven

## (V&V-1) GET: VERIFICATION AND VALIDATION – ENERGY MANAGEMENT

### Scope

To execute Verification, validation and certification (Testing) projects in various Switchgear products from our Bangalore R&D centers

### Role

- Execute Electrical and Electronic product testing for switchgear products in Schneider electric lab as per IEC/IS standards or internal specification.
- Work on Innovation in product development and validate the same.
- Writing down the test plan prepare the different jigs, fixtures and test benches, generate report and take decisions on product development activities.
- Perform Root cause analysis for the product failures and suggest the improvement plan.
- Execute EMC/EMI and Radio frequency testing of electronic product as per international standards
- Assist in preparation of qualification plan by assessing the evolution on products.
- Perform continuous improvement and lean actions to improve productivity.
- Perform Data analytics for predictive result by applying AI/ML on the test data's

### Qualifications

B.E/B.Tech in Electrical / Electronics and Communication Engg

## (V&V-2) GET: VERIFICATION AND VALIDATION – ENERGY MANAGEMENT

### Scope:

Perform system integration tests by integrating IOT devices, gateways and software for seamless system performance. Automate the test cases based on the customer use cases and perform performance, regression and usability tests. All the systems tests will be carried out using state of the art automated test benches and software libraries.

### Role

- Coding and executing automated test cases activities using python, selenium and Java scripting.
- Robot framework for various Desktop, Web and mobile applications.
- Should have strong passion on cloud technologies.
- Passion to work on Electrical Switchgear protection and its communications.
- Passion to work on SCADA systems.
- Perform basic level of cybersecurity tests like Vulnerability checks.
- Perform Data analytics for predictive result by applying AI/ML on the test data's

### Qualifications

B.E/B.Tech in Electrical / Electronics and Communication Engg, Computer Science



## (ESS-1) - GRADUATE ENGINEER TRAINEE

### Technical Skills

- Fundamentals of mechanics, strength of material and heat transfer
- Basic knowledge of electrical.
- Strong Analytic Skills and ability to perform simple hand calculations
- Basic Knowledge of FEA and CFD (optional)
- Hands on experience of Creo and AutoCAD
- Basic Knowledge of ANSYS Workbench and Fluent.

### Soft Skills / Project Management

- The candidate needs to develop a strong knowledge on Schneider enclosure products and need to support the team on critical issues
- Need to organize the project review and manage the project deliverables of his own and teams.
- The candidate needs to connect and collaborate with lab and design team very closely to validate the calculation done by him/her.
- Will need to travel to the plant to understand products/assemblies on need basis.
- Will need good written and oral communication skills.
- Should have the ability to work with cross functional teams.

### Qualifications

- B.E/B.Tech – Mechanical Engineering

## ESS-1 - (MASTER ENGINEER TRAINEE)

### Technical Skills

- Good knowledge of solid mechanics and vibrations
- Basic knowledge of electrical.
- In-depth Knowledge of Finite element method.
- Strong analytical skills and ability to Perform hand calculations.
- Hands on experience on simulation tools like Ansys Workbench, Hyper mesh
- Basic Knowledge of CAD tools like Creo and AutoCAD.
- Knowledge of electrical standards (optional)

### Role

- The candidate needs to develop a strong knowledge on Schneider enclosure products and needs to support the team on critical issues
- Need to organize the project review and manage the project deliverables of his own and teams.
- The candidate needs to connect and collaborate with the lab and design team very closely to validate the calculation done by him/her.

- Will need to travel to the plant to understand products/assemblies on need basis.
- Will need good written and oral communication skills.
- Ability to work with cross functional teams.

### Qualifications

- M.E./M.Tech in Mechanical engineering domain.

## (ESS-2) - GRADUATE ENGINEER TRAINEE– EMECH (AI / ML, CAD AUTOMATION)

### Scope

Execute different digital activities related to the Electro-Mechanical domain such as CAD Automation, Artificial Intelligence, Machine Learning, AR / VR

### Technical Skills required

- Fundamentals of mechanics, strength of material and heat transfer
- Basic knowledge of Electrical Engineering
- Strong knowledge of any Mechanical CAD tool
- Basic knowledge of one of the programming languages such as Python/C++/Visual Studio

### Soft Skills required

- The candidate needs to develop a strong knowledge on Schneider Electric Products / Systems and their application
- Needs to organize the project review and manage the project deliverables of his own and teams
- The candidate needs to connect and collaborate with cross functional team very closely to validate the work done by him / her
- Good written and oral communication skills
- Ability to work with cross functional teams
- Ability to learn new subject

### Areas of responsibility

- The primary job is to work on different digital activity related to Electro-Mechanical domain such as CAD Automation, Artificial Intelligence, Machine Learning, AR / VR
- Create the tools / software related to different Electro-Mechanical application as required by the business
- Look for new digitization opportunity related to Electro-Mechanical domain to improve productivity or enhance customer experience

### Qualifications

- B.E./B.Tech – Mechanical / Electrical Engineering

## (ESS-3) GRADUATE ENGINEER TRAINEE – EMECH (CAD, TOLERANCE ANALYSIS, MBD)

### Scope

To develop expertise in CAD, PDM / PLM Process, Tolerance Analysis, MBD

### Technical Skill required

- Strong on knowledge on basics of Mechanical/Electricals subjects and products
- Understanding of advance Mechanical/Electrical calculations
- Ability to read, analyze and interpret technical documents including drawings, regulatory and statutory requirements
- Strong knowledge of any Mechanical CAD tool

### Soft Skill required

- Good written and oral communication skills
- Ability to work with cross functional teams
- Ability to learn new subject
- The candidate needs to develop a strong knowledge on Schneider Electric Products / Systems and their application
- Needs to organize the project review and manage the project deliverables of his own and teams
- The candidate needs to connect and collaborate with cross functional team very closely to validate the work done by him / her

### Areas of responsibilities

- The primary job is to carry out different projects related to CAD tool and process.
- Develop expertise in CAD, PDM / PLM Process, Tolerance Analysis, MBD
- Manage and execute different Electro-Mechanical projects which includes concept design, develop the detail design, drawing preparation, tolerance analysis, carry out the electrical and mechanical calculation, involve in prototype development, testing and product launch
- Understand the mechanical & electrical standards and implement the same in the product design
- Manage the product lifecycle by Schneider Electric continuous engineering activity
- Handle the material selection product performance study and FE analysis for the design
- Upgrade and Optimize existing technology and redesign to cost in switchgear products
- Interact with customers, testing labs and vendors
- Reliability studies and Eco-designing
- Failure analysis on the products and systems
- Own the quality and delivery of the design executed by self/team

### Qualifications

- BE/B Tech from Mechanical Engineering
- BE/B Tech from Industrial productions and Engineering

## (T&E) GET - FIRMWARE

### Scope

The position is under the HBN department of Secure Power Division, part of Energy management BU of Schneider Electric.

The GET would join our R&D department and report to the R&D Firmware Leader. The engineer will be focusing on understanding & ensure the regional requirements related to firmware/hardware of HBN Products.

### Responsibilities

The primary responsibility of the role includes (but is not limited to):

- Work on Analog/Digital electronics fundamentals.
- Work on Microprocessors/Controllers and peripherals.
- Work on programming languages like C, C++ etc.

### Qualifications / Requirements

- BE/BTech Electronics and Comm. or Electronics and Electrical
- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.
- Good Analytical skills.

## (T&E) GET - SAFETY

### Scope

The position is under the HBN department of Secure Power Division, part of Energy management BU of Schneider Electric.

The GET - Safety engineer would join our R&D department, reporting to the R&D Regulatory Manager, the engineer will be focusing on understanding & ensuring the regional requirements related to Safety of HBN Products are met.

### Responsibilities

The primary responsibility of the role includes (but is not limited to):

- Assist Sr Regulatory Compliance engineer during product submittals to agencies.
- Prepare test data sheets as specified from the Product Safety Test Request form
- Carry out inhouse safety testing activities
- Preparation of regulatory reports, data sheet and data package (CB, UL, CSA etc)
- Ensure test equipment is calibrated
- Create all quality related documents (Equipment Master List, Consumable Equipment Master List, MU, Laboratory power quality, Laboratory Ambient, voltage, frequency, THD Monitoring etc)

- Maintain equipment's through periodic validations
- Prepare critical components list and verify components approval as per product safety standards.
- Regulatory reports and certificates updation in SE tool. (EDMS,DRL etc)
- Preparation of ED & D leakage current test validation report
- Verify of Safety Label and Art-Work to ensure as per safety standards and SE corporate guidelines
- Test SE Secure Power products in accordance with Test Request and Test Data Sheets in Box folder.
- Ensure all the activities in line with ISO 17025 standard.
- Support Energy Star activities as per ISO 17025 standard.

### Qualifications / Requirements

- BE / B. Tech: Computer Science & Engineering, Electronics & Communication Engineering, Instrumentation Engineering, Electronics & Electrical Engineering.
- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.

## (T&E) MASTER ENGINEER TRAINEE - ELECTRICAL

### Scope

The position is under the HBN department of Secure Power Division, part of Energy management BU of Schneider Electric.

The MET would join our R&D department, reporting to the R&D Electrical Leader, the engineer will be focusing on understanding & ensure the regional requirements related to Design of HBN Products.

### Responsibilities

The primary responsibility of the role includes (but is not limited to):

To contribute to the product development of UPS, DC Rectifier, Inverters and Power Supply solutions for customers worldwide. The individual should be able to carry out the following activities with minimal supervision.

#### Paper Design and Simulation

- Design of semiconductors, Magnetics (transformer, Inductors) for various power converter topologies.
- Estimation of power losses, other electrical and thermal stress using design calculation spreadsheets.
- Carry out worst case stress analysis and tolerance analysis.
- Analyze circuit behaviour using simulation tools.
- Support FMEAs & FTA activities

- Support design of Analog, Digital circuits for control, monitoring, communication purpose.

#### Engineering & DVT testing

- Carry out Engineering proto-bench development activities at sub-system & system integration level to mature the product design.
- Support Embedded f/w development for control, monitoring and communication purpose.
- Carry out root cause analysis. Ability to identify the root cause of design failure and able to come up with corrective action.
- Support DVT (Design Verification Testing) activities.
- Support EMI/EMC development activities.

#### Qualifications / Requirements

- ME / M. Tech: Electronics & Communication Engineering, Instrumentation Engineering, Electronics & Electrical Engineering.
- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.

### (T&E) MASTER ENGINEER TRAINEE - MECHANICAL

#### Scope

The position is under the HBN department of Secure Power Division, part of Energy management BU of Schneider Electric.

The MET would join our R&D department, reporting to the R&D Mechanical Leader, the engineer will be focusing on understanding & ensure the regional requirements related to Design of HBN Products.

#### Responsibilities

The primary responsibility of the role includes (but is not limited to),

- Sheet metal engineering, tooling design for manufacturing.
- Working with various materials used in Mechanical enclosures and their workability – Mild Steel, types of Plastic, electrical insulation material etc
- Understanding of and working with Internal general arrangement of Electronics and Electrical components like – PCBs, Devices, heat sink, cables & connectors, sockets, earthing routing, transformers, capacitors and inductors, fans etc
- Understanding of and working on thermal engineering concepts – air flow management through heat dissipation removal techniques, maintaining desired thermal level in the enclosure for optimum performance and avoidance of any derating etc.

- Understanding of and working on Brand Design, agronomy concepts, serviceability and replacement modularity, aesthetics for enclosers.
- Designing for cost and design for manufacturing.
- Working on mechanical & electrical safety standards while design, IP protection class, leakage current and charge proof design, shock proof mechanical design.

### Qualifications / Requirements

- ME / M. Tech Mechanical
- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.

## (CTO) GET - SOFTWARE DEVELOPMENT

This job description sets out the scope of the role of Intern Software Developer Engineer and Schneider Electric, together with the main duties of the position at the date when it was completed. It does not include or define all tasks that may be expected to be carried out. Duties may vary from time to time without changing the nature of the position or level of responsibility.

### Scope of role

- Be part of a team of software developers building industry leading, robust and innovative software solutions that are fit for purpose.
- Utilize the department development infrastructure, development processes and software programming techniques and provide feedback as appropriate
- Contribute to building a productive, pleasant working environment using the senior team members as role models.
- Position reports to the Senior Engineering Manager.

### Key Responsibilities

- Assist with the analysis, design and development, testing and documentation of new software solutions
- Development of new software as required by the company.
- Development of improvements to our existing solutions as required by the company.
- Configure software development tools as required by the company.
- Assist in the estimation of tasks, identify possible obstacles and propose appropriate solutions.
- Follow company software data processing and security guidelines in developing software.

### Key Skills and experience

- Currently studying for a degree in Software Engineering/Computer Science or similar numerate discipline with an anticipated good result.
- Excellent inter-personal/communication skills.
- Sound knowledge on data structures.
- Played with programming languages like Javascript, Java or DotNet. Participation in hackathons is an added advantage.
- Exposure to Object oriented programming.
- Modify source code to develop security by design.

### Key Behaviors

- Attention to detail, self-motivated and team player.
- Passionate about Software Development.
- Dependable and committed to continuous improvement.
- Ability to solve problems quickly.
- Ability to multi-task and stay organized in dynamic work environment.



## (CTO) GET - QUALITY ASSURANCE

### Scope

Dealing with Critical Power & Cooling Solutions infrastructure in Data center, Home / Business Network & catering to various customers in enterprise segments.

Some of our key Products are IoT-enabled, plug-and-play, open, interoperable architecture and platform, in Homes, Buildings, Data Centers, Infrastructure industries. The products showcase Schneider Electric's strive for "Innovation at Every Level" from Connected Products to Edge Control, and Apps, Analytics and Services.

The GET - QA engineer would join our R&D department, reporting to the R&D Manager, the engineer will be focusing on understanding & qualifying of critical power & cooling solution devices.

### Responsibilities

- The primary responsibilities of the role include (but are not limited to):
- Perform some or all the test life cycle activities, in agile, iterative or waterfall model based SDLC.
  - Analyze requirements
  - Provide inputs to test strategy / test plan
  - Design test cases
  - Perform manual and automated test execution.
  - Perform release & closure activities.
- Strive for continuous automation to reduce test life cycle time.
- Acquire the domain & product knowledge and strive for innovation at every level.

### Qualifications / Requirements

- BE / B. Tech: Computer Science & Engineering, IT
- Nice to have: - ISTQB foundation level certified.
- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.

## (EPE) GET: ELECTRO-MECHANICAL

### Scope

To execute R&D programs/Projects in Switchgear from our R&D center

### Responsibilities

- The primary job is design and development of electrical switchgear.
- independently generate concept design as per functional condition needs/specification considering Medium Voltage environment.
- Create the concept design, develop the detail design, carry out the electrical and mechanical calculation, involve in prototype development, testing and product launch
- Understand the mechanical & electrical standards and implement the same in the product design
- Manage the product lifecycle by Schneider Electric continuous engineering activity
- Handle the material selection product performance study and FE analysis for the design
- Upgrade and Optimize existing technology and redesign to cost in switchgear products
- Interact with customers, testing labs and vendors
- Reliability studies and Eco-designing
- Failure analysis on the products and systems
- Own the quality and delivery of the design executed by self/team

### Job experience required

- Strong on knowledge on basics Mechanical/Electricals subjects and products
- Understanding of advance Mechanical/Electrical calculations
- Awareness of switch gear products and their applications particularly in Medium Voltage domain will be an added advantage.
- Ability to read, analyze and interpret technical documents including drawings.
- Very strong communication and Presentation skills
- The person should be highly motivated and self-driven

### Educational qualification

- BE/B Tech - Mechanical Engineering

## (DCES) GET SOFTWARE DEVELOPMENT

Digital Customer Experience Software Team (DCES) is part of the Strategy & Innovation organization within in the Energy Management business unit, DCES architecture develops and deploys products and services that support our customers on their digital journey, economic growth and globally on the efficiency of their business.

In this DCES team we are looking for an ambitious individual with a strong team mentality and genuine passion for software engineering, who fulfills technical missions, with autonomy to propose/develop solutions in a technical domain. This position reports to the Engineering Manager

### Key Responsibilities

- Responsible for building great technology platforms and products for Digital Customer Experience Software function
- Designs and develops software applications using Agile Product development methodologies
- Plays an instrumental role in the full development lifecycle of the solution including design, code development, code review, testing, deployment and post deployment support.
- Produces high quality, maintainable, performant, secure, resilient and clean code
- Good problem-solving skills and skills to solve the problem at their root cause
- Understands application life cycle management very well
- Lead by example and Proactively share technical knowledge and best practices with the team members
- Works closely with the product team to understand and test requirements to ensure the right solution is created to fit the need of the requirement
- Implementation of security and data protection
- Identify and apply appropriate design patterns
- Practices solid software engineering disciplines (e.g. Behavior driven development (BDD) Test driven development (TDD), Code refactoring, Continuous code integration, delivery & deployment etc.)
- Passionate technologist and ability to keep up-to-date with the technology (e.g. in cloud computing, containerization, mobile, Artificial Intelligence, Augmented/Virtual/Mixed Reality etc)

### Key Skills and experience required

- Currently studying for a degree in Software Engineering/Computer Science or similar numerate discipline with an anticipated good result.
- Have exposure to Agile product development methodology (E.g. Scrum framework) and Kanban
- Has good understanding of the OOPS Programming paradigm
- Has good understanding of various Data structure and Algorithm.
- Have experience/exposure on at least one front end or backend programming language (eg. C#, Java, Python, Javascript, Typescript etc)
- Have exposure to JVM/CLR technologies
- Have exposure to at least one RDBMS databases (E.g SQL Server, MYSQL etc) or NOSQL databases (MongoDB, Elastic Search, SOLR, Cassandra etc)
- Have exposure on code versioning tools for e.g. Bitbucket or others
- Exposure to developing in Linux and Windows environment

- Basic Knowledge/awareness on technologies like Artificial Intelligence/Machine Learning/Deep learning/Virtual Reality/ Mixed Reality/ Augmented Reality
- Apply automated tools to discover security loopholes in source code
- Excellent collaboration with customers/stakeholders, including crisp and compelling verbal and written communication
- Ability and desire to work in a fast -paced environment and stay motivated/flexible
- Excellent inter-personal/communication skills.

### Key Behaviors

- Working collaboratively and building trust
- Makes commitment, takes accountability and delivers results.
- Creates “No-lose” situation
- Supports and contributes to the knowledge sharing, listens effectivity and communicates clearly without ambiguity
- Is self-organized and adaptive. He/she can adapt to the new technology well
- Bright, highly self-motivated and driven team player
- Passionate about Technology
- Dependable and committed to continuous improvement
- Great problem-solving skills
- Maintain a professional manner always

## (DE) MET/GET: DESIGN AND DEVELOPMENT – SOFTWARE

### Requirement

- Strong knowledge on the Operating Systems with exposure in Windows, Linux or Unix
- Understanding and exposure of both Client side and server application development concepts
- Strong knowledge on high level languages like C++, C#.NET, C++ or Java on Windows / Linux Operating Systems.
- Very strong communication and Presentation skills
- The person should be highly motivated and self-driven
- Knowledge or exposure to Client Server application development.

### Role

- The job is that of an Engineer Trainee who will be a Engineer on the Scrum Team that follows Agile using the Scaled Agile Framework model.
- Software development of Software components of Enterprise Energy Managements Software Systems by using
  - Languages like C++, C#.NET & Java on different Operating Systems.
  - AngularJS, Type Script, Electron, REST, Signal R, Rebus, Web API, MVC, .Net Core, C#.NET

### Nice to have:

- Exposure to software development either with Windows Full Stack development or Mean stack development.
- Exposure with networking communication protocols.
  -

### Qualifications

- 1<sup>st</sup> Preference for M.Tech/M.E : CS/ECE or
- 2<sup>nd</sup> Preference for B.Tech/B.E : CS/ECE

## (DE) GET: DESIGN AND DEVELOPMENT – FIRMWARE

### Requirement

- Strong knowledge on the embedded programming
- Understanding of real time application of concepts
- Strong knowledge on high level languages like C, C++, Java
- Very strong communication and Presentation skills
- The person should be highly motivated and self-driven
- Strong knowledge on Embedded Operating Systems (like RTOS & Linux)

## Role

- Firmware development by using Embedded language such as C, C++, Java
- Programming and interfacing microcontroller peripherals like timers, UART, ADC, DAC, IO, sensors and actuators. Memory Interfacing Techniques.
- Signal processing: Audio, Video with DSP controllers
- Design and development on 16/32 bit microcontrollers (ARM, coldfire, PowerPC.), RTOS (VxWorks, threadx, Embos..) And usage of IDE, toolchain, debuggers.
- Knowledge on basic protocols like CAN, SPI and I2C, etc

Nice to have:

- Exposure to embedded software development for switchgear and PLC products.
- Good communication skills.

## Qualifications

- 1<sup>st</sup> Preference for M.Tech/M.E : CS/ECE/EEE or
- 2<sup>nd</sup> Preference for B.Tech/B.E : CS/ECE/EEE

## (DE) GET – ELECTRICAL ENGINEERING

### Requirements

- Strong on knowledge on basic Electricals subjects and products
- Understanding of advance electrical calculations
- Awareness of switch gear products and their applications particularly in Low Voltage domain
- Very strong communication and Presentation skills
- The candidate should be highly motivated and self-driven

### Role

- Design and development of electrical switchgear particularly low voltage enclosures
- Create the concept design, develop the detail design, carry out the electrical and mechanical calculation, involve in prototype, testing and product launch
- Understand the electrical standards and implement the same in the product design
- Manage the product lifecycle by Schneider Electric continuous engineering activity
- Understand the mechanical design concepts and implement the same along with the mechanical colleague

### Qualification

- BE/B Tech - Electrical Engineering

## (T&E) GRADUATE ENGINEER TRAINEE - CUSTOMER SATISFACTION & QUALITY (CS&Q)

### Job Description

T&E department of Secure Power Division, part of Energy management BU of Schneider Electric.

The GET - Customer Satisfaction & Quality engineer would join our R&D department, reporting to the R&D Quality Manager, the engineer will be focusing on continuous improvement of the Quality of our products.

### Responsibilities

- Perform Root cause analysis of the failed products received from customer sites and understand the cause of failure of UPS product / circuit board / component.
- Ensure timely support to the customers / quality teams within and outside the country by providing the product failure Analysis reports.
- Resolution of quality issues on the products in coordination with Field Services, Sustenance engineering & manufacturing plants.
- Work on Continuous improvement projects in coordination with Engineering & manufacturing plants to reduce the Warranty cost & reduce the Field failures.
- Assist in preparation of Quality dashboards for the assigned products for Management reporting.

### Skills

- Strong demonstration of analytical skills & problem-solving skills.
- Should be a quick learner.
- Able to highlight issues to the management on timely manner
- Social & Verbal - ability to communicate to the concerned stake holders via email, telephone or in person in an intelligent & professional manner.
- Handles multiple & conflicting priorities and effectively prioritizes tasks in a fast-paced work environment.
- Detail oriented & able to meet challenging deadlines.
- Ability to work both independently & as part of a team.
- Fast & effective at dealing with difficult situations
- Technical and Planning proficient, computer literate and with excellent communication skills in English
- Knowledge on Power Electronics is preferred.

### QualificationS

- B.E./ B.Tech – Electrical & Electronics / Electronics & Communication

### Ideal candidate should be / have

- Excellent academic records.
- Excellent oral & written communication in English.
- Highly motivated & self-driven.
- Should be a team player.

## SOLUTION ARCHITECT - MET

### Mission:

- You will join the Electra Power System Competency Center (Asia-Pacific and Middle East Africa) based in Bangalore, reporting to Director of Technology based in Singapore. The mission of Electra team is to develop innovative and standardized electrical distribution and motor management expertise to our Global Strategic Customers
- The role of Solution Architect MET is to learn and develop state-of-the-art system level electrical distribution architectures for various applications/segments to reinforce Schneider Electric thought leadership position in the market

### About the Role

In close collaboration with and leadership of the project leader, you will:

- Engage high level discussions with customers to capture expressed and unexpressed requirements
- Convert those requirements in power systems architectures magnifying Schneider Electric catalogue strengths.
- Support customers with high level expertise in power systems simulations, protection plan (MV/LV), power automation and monitoring, Digital Cloud based control.
- Contribute to the definition of optimized and competitive MV/LV power systems architecture based on Schneider Electric catalogue
- Build appropriate reference architectures, technical materials, and documentations to promote our solutions emphasizing on differentiation and customer benefits.
- Knowledge of devices to cloud architecture (protocol, software, architecture)
- Participate in face-to-face training session and support delivery of technical topics

### Technical Skills and Competencies Trainee will learn during Programme:

- Knowledge in power systems engineering performing System design, Network simulation Studies, Power quality, Reliability, Digitalization and IIOT
- Ability to Value Engineer the customer solutions
- Domain expertise on multiple segments – Semicon, Data Center, Healthcare, Oil Gas&Petrochemicals,
- Exposure to International Operations and Global Customers

### Qualifications

- Pursuing a Masters' degree in Electrical Engineering / Electrical and Electronics Engineering / Power Systems Engineering or similar fields
- Knowledge in Electrical engineering and Power Systems

### What's in it for me?

- Blue sky Friday
  - On-site gym
- ...and more!



## PP IND E&I - GET (GRADUATE ENGINEER TRAINEE)

### Technical Skills: -

- Fundamentals of mechanics, strength of material and material science
- Basic knowledge of electricals
- Ability to perform simple hand calculations & analytical skills
- Hands on experience in 3D modelling software (Creo, Solid works... etc)

### Soft Skills / Project Management: -

- Good written and oral communication skills.
- Ability to work with cross functional teams.
- The candidate needs to develop a strong knowledge on Schneider enclosure, breaker products and need to support the team on critical issues
- Need to organize the project review and manage the project deliverables of his own and teams.
- The resource needs to connect and collaborate with lab and design team very closely to validate the calculation done by him.
- Will need to travel to the plant to understand products/assemblies on need basis.

### Qualifications

- B.E/B.Tech – Mechanical or Electrical

## INTERN – FIRMWARE DEVELOPMENT – DIGITAL POWER

### Job Description

Digital Power is a part of Energy Management BU of Schneider Electric.

Digital Power team is responsible for design and development of Energy management solutions catering to customers in various geographies and segments.

Digital Power has metering Products, Gateways, Energy Management Edge and Analytics software in its portfolio. With representation in all 3 layers of EcoStruxure, Digital Power offers end to end solutions to customers to meet their Energy Management needs. The products showcase Schneider Electric's passion for "Innovation at Every Level".

The Firmware development Intern would join the R&D department, reporting to the R&D manager. The intern will be focusing on developing and testing specific firmware features in Metering devices

### Responsibilities

The primary responsibility of the role includes (but is not limited to),

1. Perform some or all the firmware development activities, in agile, iterative or waterfall model.
  - Analyze requirements
  - Design the logic / flow
  - Create test strategy / test plan
  - Perform manual / automated test
  - Perform release and closure activities
2. Implement best practices like simulations, coding guidelines and documentation.
3. Acquire the domain & product knowledge and strive for innovation at every level.

### Qualifications / Requirements: -

ME / M.Tech from one of the streams / related streams below

- Computer Science & Engineering
- Electronics & Communication Engineering
- Instrumentation Engineering
- Electrical and Electronics Engineering

### Ideal candidate should be / have

- Excellent academic records.
- Excellent oral & written communication in English
- Highly motivated & self-driven
- Should be a team player

### An example of internship project (student's interest and start date will define the actual project)

Variable Light Communication is a Schneider IP technology where visible light is used as a means of communication. The scope of the project is to design and build a prototype with this technology in one of the Schneider Metering devices. The implementation calls for reuse of the communication stack and developing some modules using Embedded C/C++.

## INTERN – HARDWARE DEVELOPMENT – DIGITAL POWER

### Overview

Digital Power is a part of Energy Management BU of Schneider Electric.

Digital Power team is responsible for design and development of Energy management solutions catering to customers in various geographies and segments.

Digital Power has metering Products, Gateways, Energy Management Edge and Analytics software in its portfolio. With representation in all 3 layers of EcoStruxure, Digital Power offers end to end solutions to customers to meet their Energy Management needs. The products showcase Schneider Electric's passion for "Innovation at Every Level".

The Hardware development Intern would join the R&D department, reporting to the R&D manager. The intern will be focusing on developing and testing specific firmware features in Metering devices.

### Description of internship project (student's interest and start date will define the actual project)

At Schneider design and manufacture the Electrical measuring devices. The devices meet the standard requirements on accuracy of the measured parameter. Each device has some error that is caused by the electronic components used. To compensate on this error, the devices undergo a process of calibration where the device is compared with a highly accurate reference for measurement and the calibration constants are stored in the device. These constants are used to compensate the error during the device's operation. When the device operates in different environmental conditions for long durations in user sites, the error of the device will change because of the wear and tear of components. The objective of this project will be to find ways of self-calibrating the devices so that the error can be compensated by the device itself without any external equipment.

### Responsibilities

The primary responsibility of the role includes (but is not limited to),

1. Perform some or all the hardware development activities, in agile, iterative or waterfall model.
  - Analyze requirements
  - Design the logic / flow
  - Create test strategy / test plan
  - Perform manual / automated test
  - Perform release and closure activities
2. Implement best practices like simulations, worst case analysis, reliability study and documentation.
3. Acquire the domain & product knowledge and strive for innovation at every level.

### Qualifications / Requirements: -

ME / M.Tech from one of the streams / related streams below

- Computer Science & Engineering
- Electronics & Communication Engineering
- Instrumentation Engineering
- Electrical and Electronics Engineering

### Ideal candidate should be / have

- Excellent academic records.
- Excellent oral & written communication in English
- Highly motivated & self-driven
- Should be a team player

## INTERN – SOFTWARE ENGINEER (REVIT)

Schneider Electric & Autodesk are partnering to develop a new product to ease the design of electrical networks in the BIM environment. This is a very ambitious and promising partnership where the alliance of Autodesk and Schneider Electric's respective expertise will allow us to release on the market software that will support our customers from conceptual design to detailed design to enable their economic growth and overall business efficiency while designing more sustainable buildings.

### Introduction

Are you excited by solving technical challenges that come with building a scalable, highly available platform in a microservices environment enjoyed by users worldwide? Come join us at Schneider as part of the Revit Electric team, where you will be implementing exciting new features that engage and influence both Schneider and Autodesk customers worldwide. Our team faces a variety of unique and interesting challenges, from creating new features and components, implementing services across different tech-stacks, creating engaging end-user experiences, to building performant, scalable and highly available services, integrated with the Autodesk platform, creating and building a best in breed Schneider best practices and development environment .

### Position Overview

We are looking for a dynamic, energetic intern who is eager to learn about our business by assisting in product development activities .The person will work very closely with the other business verticals like DevOps, QA, product management, customer support etc. Your primary responsibility will be to contribute to design, development and testing as part of the product development. You will be involved in upcoming projects as well as assisting with current projects. This role will involve development, unit and workflow testing of new features, maintenance of shipped functionality, documentation of engineering practices, resolving customer issues, managing defects, developing and management of automated tests.

You will be a part of multi-discipline team which will own user stories/ participate in product features development and drive multiple proof of concepts to help us choose best tools/technologies to satisfy our development needs, improve product quality, stability, reliability, and usability. You will accomplish this by leveraging your technical chops for development and understanding of software engineering. You will use/get hands-on experience using cutting edge tools and procedures for development.

So, If you want to have to have practical experience with microservices, distributed/SOA architecture, platforming, cloud computing, and mobility and are excited about leveraging TDD/BDD and developing CI/CD pipeline standards, tools, processes and deployments to drive efficiently innovative projects for the Revit Electrical Advanced Electrical Design solutions, this position is for you.

### Proficiencies in Technologies and Tools

C#, WPF, XAML, MVVM, WCF, SQL Server, ASP.NET, JavaScript, angular, stencil js, Azure cloud, Azure DevOps, JIRA etc

## INTERN - INSTRUMENTATION AND ELECTRONIC & COMMUNICATION ENGINEERING

### Position summary

The Intern will work in scrum team of Application libraries for EcoStruxure Automation Expert. Need to have good knowledge of control systems. He needs to explore different application needs of Process Automation segments and Different international standards (ISA/IEC).

### Responsibilities

- Understand Agile process and participate in daily scrum
- Work actively on assigned task with providing estimate to complete the task
- Propose new ideas and technologies to overall design and POC end result
- Create a project report

### Qualifications

- B.E/M.E in Electronic & Communication Eng, Instrumentation Eng

### Required knowledge, skills and abilities

- Commitment to work inclusively during the tenure of the internship
- Understand and comprehend in English the assigned task and communicate.
- Ability to learn quickly, be adaptable, flexible and creative.
- Attention to details.
- Attitude to think outside the box to solve problems.
- Good knowledge on control system
- Good to have knowledge on doing simulation using MATLAB
- Basic understanding of the Process Automation
- Good to have knowledge of 61131 languages and prefer to know 61499.
- Good knowledge of programming ( e.g C,C# )
- Understand the industrial network basics

## INTERN - COMPUTER SCIENCE AND ELECTRONIC & COMMUNICATION ENGINEERING

### Position summary

The Intern will work in scrum team of EcoStruxure Automation Expert build time (IDE) in a proof of concept to create web portal for the studio. He needs to explore different web technologies stacks ( ReactJs, AngularJs, Node.Js, Mongo DB, GraphQL, Electron Framework , Rest API and services) and implement the concepts in a working POC.

## Responsibilities

- Understand Agile process and participate in daily scrum
- Work actively on assigned task with providing estimate to complete the task
- Propose new ideas and technologies to overall design and POC end result
- Create a project report

## Qualifications

- B.E/M.E in Computer Science, Electronic & Communication Eng.

## Required knowledge, skills and abilities

- Commitment to work inclusively in the tenure of the internship
- Understand and comprehend in English the assigned task and communicate.
- Ability to learn quickly, be adaptable, flexible and creative.
- Attention to details.
- Attitude to think outside the box to solve problems.
- Worked and knowledge of Web technologies like AngularJs/ReactJs/MongoDb
- Good to have knowledge of .Net ( C#, CLR, Assemblies, Roslyn)
- Understand the industrial network and secure communication basics
- Basic understanding of cybersecurity
- Basic understanding of service-oriented design

## Schneider Graduate Program - Technical



### About Schneider Electric

Schneider's purpose is to **empower all to make the most of our energy and resources, bridging progress and sustainability** for all. We call this **Life Is On**.

Our mission is to be your **digital partner for Sustainability and Efficiency**.

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure, and industries.

We are the **most local of global companies**. We are advocates of open standards and partnership ecosystems that are passionate about our shared **Meaningful Purpose, Inclusive and Empowered** values.

[www.se.com](http://www.se.com)

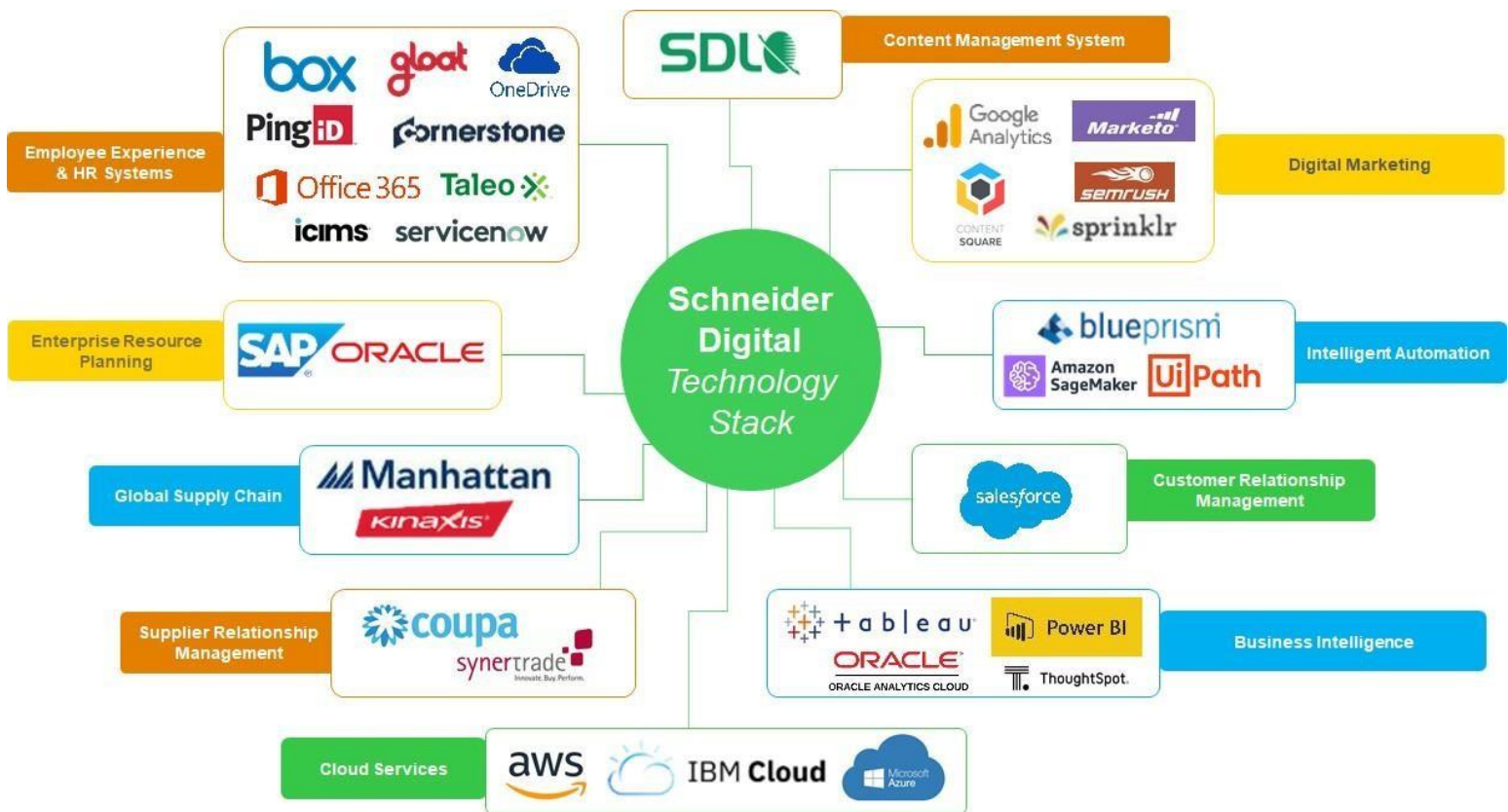
### About Schneider Digital

Schneider Digital's Mission is to create a digital environment for GROWTH, enable seamless experiences with efficient back-ends and ensure top-end digital security.

At Schneider Electric, we believe **access to energy and digital** is a basic human right. We empower all to **make the most of their energy and resources**, ensuring Life Is On everywhere, for everyone, at every moment.

Schneider Digital plays a crucial role in this journey through leveraging analytic insights from the assets we manage on our customer sites, ensuring end-to-end security, managing operational efficiency, and meeting digital customer satisfaction requirements.

## A glimpse into the Technology Stack of Schneider Digital:



## Important Information about the Schneider Electric University Program

### • Compensation:

- **INR 12,00,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9 lakhs + 3 Lakhs of Sign On Bonus**)
- **INR 12,50,000** p.a. for B. Techs for a Full-Time Role (**TTC: 9.5 lakhs + 3 Lakhs of Sign On Bonus**)

In case of your Voluntary / Non- Voluntary exit before 24 Months from your date of joining, you will be obliged as per your employment contract, to return the entire 1st Installment joining bonus amount to the company

- **Stipend: INR 35,000** per month for an Internship Role
- There is **No Service Agreement clause** for any Full Time Hires at Schneider Electric
- Job Location: **Bengaluru**
- The **Probationary Period** for University Hires is **6 months**.
- **This is an Indicative Job Description (JD) about our Schneider Digital division. We request all the students to go through the same. The students should also be flexible and open to work in any of these Sub Departments if selected Internship and a Full - Time Role**



## Table of Contents

Sl. No.	Business Unit	Title of Position	Job Description
1	DCX	GRADUATE ENGINEER TRAINEE - DCX	<ul style="list-style-type: none"> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Deliver routine reporting based on clients' needs as well as quickly responding to ad hoc requests.</li> <li>• Must have solid presentation, communication and inter-personal skills</li> <li>• Strong knowledge of at least 2 programming languages such as Java, .Net, Python, etc.</li> <li>• Strong knowledge of database and data warehousing concepts (SQL, AWS, etc.)</li> <li>• Strong knowledge of HTML, CSS and JavaScript</li> </ul>
2	GLOBAL DATA HUB	GRADUATE ENGINEER TRAINEE – GLOBAL DATA HUB	<ul style="list-style-type: none"> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Works with the Team Leader to obtain user acceptance on the overall solution</li> <li>• Strong knowledge of at least 2 programming languages such as Java, .Net, Python, etc.</li> <li>• Strong knowledge of database and data warehousing concepts (SQL, AWS, etc.)</li> <li>• Strong knowledge of Object-Oriented program concepts, HTML, CSS and JavaScript, JSON.</li> </ul>
3	GLOBAL DATA HUB	GRADUATE ENGINEER TRAINEE – DATA SECURITY	<ul style="list-style-type: none"> <li>• Protect Cybersecurity risks across SE Big Data and Privacy environments</li> <li>• Support security design and threat modelling to protect digital platforms and projects.</li> <li>• Learn and manage security discipline including security risk assessment, fix and auditing.</li> <li>• Assist Data &amp; Performance Digital Risk Leader in practice and global group:                             <ul style="list-style-type: none"> <li>o Data security and resilience strategy, policy design and enforcement.</li> <li>o Data breach investigation, response and recovery.</li> </ul> </li> <li>• Strong, demonstrable passion for cybersecurity and innovation.</li> <li>• Basic knowledge of cybersecurity or data privacy with the passion to learn fast.</li> </ul>
4	GLOBAL DELIVERY	GRADUATE ENGINEER TRAINEE – GD ERP ORACLE	<ul style="list-style-type: none"> <li>• Work collaboratively to design and develop solution as per project needs</li> <li>• Identify and drive potential automation use-cases</li> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Knowledge of SDLC, Supply Chain and Manufacturing</li> <li>• Knowledge of programming languages such as Java, .Net, Python, etc.</li> <li>• Knowledge of database and data warehousing concepts (Oracle, PLSQL etc.)</li> </ul>
5	GLOBAL DELIVERY	GRADUATE ENGINEER TRAINEE – GSC - DIGITAL	<ul style="list-style-type: none"> <li>• Work collaboratively to design and develop solution as per project needs</li> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Knowledge of SDLC, Supply Chain and Manufacturing</li> <li>• Knowledge of programming languages such as Java, .Net, Python, etc.</li> <li>• Knowledge of database and data warehousing concepts (SQL, AWS, etc.)</li> </ul>
6	SAP FUNCTIONAL	GRADUATE ENGINEER TRAINEE – SAP CONSULTING	<ul style="list-style-type: none"> <li>• Work collaboratively to design and develop solution as per project needs.</li> <li>• Integrate quality practices in all aspects of technology delivery; audit products to ensure quality and sustainability</li> <li>• Should be adaptable with changing trends and driven to enhance business and technological acumen</li> <li>• Good knowledge of manufacturing, Logistics and Finance business processes.</li> <li>• Strong knowledge of Microsoft applications(Excel, Word, Teams etc..)</li> <li>• Exposure to ERP like SAP, Oracle or MS Dynamics is a plus</li> </ul>
7	SAP INTEGRATION	GRADUATE ENGINEER TRAINEE - INTEGRATION	<ul style="list-style-type: none"> <li>• Work collaboratively to design and develop solution as per project needs</li> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Strong knowledge of at least 2 programming languages such as Java, Python, Scripting language like Groovy, etc.</li> <li>• Strong knowledge of integrations, database (Normalized and De-normalized) and data warehousing concepts (SQL, XML, AWS, etc.)</li> <li>• Strong knowledge of HTML, CSS, XML, WSDL, JSON and JavaScript.</li> <li>• Good knowledge of the software development life cycles like water-fall, Agile, Dev-ops, etc.</li> </ul>
8	SAP SECURITY	GRADUATE ENGINEER TRAINEE – SAP SECURITY	<ul style="list-style-type: none"> <li>• Work collaboratively to support SAP ERP Security solutions across Schneider Electric.</li> <li>• Understand SAP ERP Security along with S/4 HANA security solutions.</li> <li>• User access management using SAP R3, GRC, BI etc.</li> <li>• Governance of authorization support processes and implementing best practices to support SAP audit requirements.</li> <li>• Knowledge in any latest programming languages such as Java, .Net, Python, etc.</li> <li>• Knowledge of database and data warehousing concepts (SQL, AWS, etc.)</li> </ul>
9	SAP TECH	GRADUATE ENGINEER	<ul style="list-style-type: none"> <li>• Integrate quality practices in all aspects of technology delivery; audit work products to ensure quality and sustainability</li> <li>• Maintain appropriate documentation, traceability and configurations</li> </ul>

		TRAINEE – SAP DEVELOPMENT	<ul style="list-style-type: none"> <li>Strong knowledge of at least 2 programming languages such as Java, .Net, Python, etc.</li> <li>Strong knowledge of database and data warehousing concepts (SQL, AWS, etc.)</li> <li>Strong knowledge of HTML, CSS and JavaScript.</li> <li>Knowledge of an ERP overview would be an advantage.</li> </ul>
10	EMPLOYEE EXPERIENCE	GRADUATE ENGINEER TRAINEE EMPLOYEE EXPERIENCE (FUNCTIONAL)	<ul style="list-style-type: none"> <li>Partner with business domains and act as their technology consultants to identify and solve problems.</li> <li>Take up end to end responsibilities of projects: Gather requirements, perform analyses, and implement solutions.</li> <li>Collaborate with project teams, technology teams and operations teams to implement projects.</li> <li>Understand business scenarios and work with teams spread across the globe.</li> <li>Should have a good understanding of various technologies/concepts like Cloud Applications, Data Science, Analytics, Artificial Intelligence and Cyber-Security or should be willing to learn these topics</li> </ul>
11	EMPLOYEE EXPERIENCE	GRADUATE ENGINEER TRAINEE EMPLOYEE EXPERIENCE (TECHNICAL)	<ul style="list-style-type: none"> <li>Work with product development teams to develop and support various products in the Employee Experience landscape.</li> <li>Explore and learn new technologies, participate in architecture development and dynamic experimentation projects.</li> <li>Perform custom developments on SaaS applications and create workflows to solve business problems.</li> <li>Work on product related releases and assist with new initiatives and upgrades.</li> <li>Own and govern the daily operations of critical employee-facing technical systems.</li> <li>Strong knowledge of Object-Oriented Programming (OOP) Concepts, Data Structures, Algorithms</li> <li>Good understanding of various technology/concepts like Cloud Applications, Artificial Intelligence, SaaS Applications, Automation, Data-Lakes and Cyber-Security.</li> <li>Sound programming skills (Java/C#/PHP and related technologies), Collections and JSP, knowledge of Spring and Hibernate is add on- and problem-solving skills with a passion for quality</li> </ul>
12	DIGITAL ENGINEERING	GRADUATE ENGINEER TRAINEE - APPLICATIONS	<ul style="list-style-type: none"> <li>Responsible for delivering IT services (application support, maintenance and development) covering multiple technologies, domains and applications.</li> <li>Must have good presentation, communication and inter-personal skills.</li> <li>Ability to work effectively with globally dispersed stakeholders from business.</li> <li>Ability to manage multiple priorities in a fast-paced environment.</li> <li>Good knowledge of the software development life cycle.</li> </ul>
13	DIGITAL WORKPLACE	GRADUATE ENGINEER TRAINEE	<ul style="list-style-type: none"> <li>Able to work on O365 Collaboration Tools like OneDrive, SharePoint Online, Teams, Exchange).</li> <li>Able to work on Mobile Device and Endpoint management and get technical developments and configurations done.</li> <li>Strong knowledge of Object-Oriented Programming (OOP) Concepts, Data Structures, Algorithms.</li> <li>Good to have understanding various technology / concepts related to on premise / cloud applications, data privacy and cyber-security.</li> <li>Development of Specified Designs &amp; Delivery of Integrated Unit Testing</li> <li>Knowledge of various SDLC methodologies Agile, Iterative, Waterfal</li> <li>Support the entire application lifecycle (concept, design, test, release and support) 1</li> </ul>
14	INFRASTRUCTURE	GRADUATE ENGINEER TRAINEE	<ul style="list-style-type: none"> <li>Good knowledge on Virtual machines, New server installation, TCP/IP, DNS, DHCP and active directory</li> <li>Network routing and switching protocols.</li> <li>Understanding of Network infrastructure and network hardware.</li> <li>Network Automation and security</li> <li>Certification: CCNA, CCNP</li> <li>Cloud certification AWS/Azure</li> <li>Programming knowledge of at least 2 programming / scripting languages such Python, GoLang, Ruby, Java, JavaScript, PHP, Bash, Shell, Node etc.</li> <li>Knowledge/troubleshooting ability - Windows/Linux operating system</li> <li>Key technology: Network Protocol, Cisco Routing / Switching, Wi-Fi, SD-WAN, Palo Alto</li> </ul>
15	INFRASTRUCTURE SECURITY	GRADUATE ENGINEER TRAINEE	<ul style="list-style-type: none"> <li>Able to work on O365 Collaboration Tools like OneDrive, SharePoint Online, Teams, Exchange).</li> <li>Able to work on Mobile Device and Endpoint management and get technical developments and configurations done.</li> <li>Strong knowledge of network security architecture, Palo Alto firewalls, proxy, Cisco Wirelesssecurity</li> <li>Good knowledge within cloud security topics related to AWS, Azure, Ali Cloud</li> <li>Good understanding of Zscaler web filtering, Zero trust, SD-WAN, NAC, DNS</li> <li>Good knowledge within Ansible scripting, playbooks, automation, Linux OS</li> <li>Thorough understanding of firewalls, EDR, Antivirus\Antimalware, Encryption, Data Loss Prevention and IDS\IPS concepts</li> <li>Threat identification in log analysis platforms (SIEM, data lake, network devices)</li> <li>Offensive security and ethical hacking issues in Microsoft and Cloud environments</li> </ul>