



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ANNA UNIVERSITY, CHENNAI – 600 025**

RUSA 2.0

RECRUITMENT OF SKILLED MANPOWER

Applications are invited from the eligible candidates for the temporary posts of skilled manpower to be engaged in various projects under RUSA at Anna University.

Post Code	Project Title	No of Positions required		
		Skilled manpower with ME Qualification*	Skilled manpower with BE Qualification*	Skilled manpower with ITI or Diploma Qualification*
PO1	Grid Planning and restructuring for Grid Integration of Electric Vehicle Charging station	5	0	0
PO2	Development of Energy Efficient motor drive systems for Electric Vehicle	1	1	1
PO3	Coordinated design and tuning of controllers for onboard/off board power electronic interfaces	7	2	0
PO7	Monitoring and analysis of power quality issues on to the distribution network due to electric vehicle infrastructure	2	0	2

\*Kindly Refer Annexure-1 for more details.

Remuneration:

- Skilled manpower with ME Qualification: Rs. 300/ hour  
Skilled manpower with BE Qualification: Rs. 250 /hour  
Skilled manpower with ITI or Diploma Qualification: Rs. 200/hour

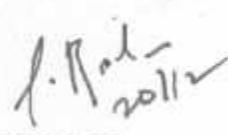
(Maximum No. of hours is restricted to 50 hours per month per person)

General Information:

1. Candidate will be considered for suitable post and salary will be fixed as per norms of Anna University.
2. Only short-listed candidates will be called for interview.
3. The position is purely temporary for 6 months and may be extended based on the performance.
4. Separate Application should be sent for each post if required to apply for more than one post.
5. Any claim with regard to qualification & experience should have necessary certificates.

How to Apply:

Interested candidates possessing qualification & experience as mentioned in Annexure-I may send their filled-in application form (as per Annexure - II) to Head of the Department, EEE, Anna University, Chennai -25, Email : [hodeee@annauniv.edu](mailto:hodeee@annauniv.edu) along with self-attested photocopies of educational qualifications, date of birth certificate, experience certificates, Mark sheets and evidence of any other academic credentials on or before 31-12-2021. Kindly mention in the subject as "Application for the post of skilled manpower- RUSA2.0 / AU" "Post code PO1/PO2/PO3/PO7".

  
REGISTRAR

  
20/12/21



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REGISTRAR

## Annexure – I

### Qualifications & Experience

<b>PO1</b>		
M.E	Essential	M.E / M.Tech.in Power Systems Engineering / Embedded system technologies with 2 years relevant experience.
	Desirable	<ol style="list-style-type: none"> <li>1. Knowledge and experience in PSCAD, MATLAB Simulation, ETAP, PSIM.</li> <li>2. Knowledge and Hands on experience in Real Time Hardware with regard to Electric vehicle.</li> <li>3. Knowledge in modelling of solar PV and wind turbine generators.</li> </ol>
No of positions required		M.E/ M. Tech Power systems Engineering- 4 M.E/M. Tech Embedded systems Technology- 1
<b>PO2</b>		
M.E	Essential	M.E in Power Electronics and Drives/ Electrical Drives and Control with 2 years relevant experience.
	Desirable	<ol style="list-style-type: none"> <li>1. Capable of doing simulation of Electrical machines and drives in software like PSIM/PSPICE/ MATLAB.</li> <li>2. Capable of doing hardware implementation for Electrical machines and Drives under closed loop operation (Any processor like dSPACE, FPGA, Microcontrollers)</li> </ol>
No of positions required		M.E/ M. Tech Power Electronics and Drives- 1
B.E	Essential	B.E in Electrical and Electronics Engineering with 2 years relevant experience
	Desirable	<ol style="list-style-type: none"> <li>1. Capable of doing simulation of Electrical machines and drives in software like PSIM/PSPICE/ MATLAB.</li> <li>2. Capable of doing hardware implementation for Electrical machines and 3.Drives under closed loop operation (Any processor like dSPACE, FPGA, Microcontrollers)</li> </ol>
ITI or Diploma	Essential	Diploma in Electrical and Electronics with 2 years relevant experience/ ITI in Electrician or Electronics with 2 years relevant experience.
	Desirable	Hands on experience in Power Electronics instrumentation, dSPACE controllers, TI Processors, Electrical Maintenance
<b>PO3</b>		
M.E	Essential	M.E Power Electronics and Drives / M.E Power System Engineering / M.E High Voltage Engineering with 2 years relevant experience
	Desirable	<ol style="list-style-type: none"> <li>1. Capable of doing simulation of Electrical machines and drives in software like PSIM/PSPICE/ MATLAB.</li> <li>2. Hands on experience in Power Electronics instrumentation and Hardware Inloop Simulation in Real Time</li> <li>3. Capable of doing hardware implementation for Electrical machines and.Drives under closed loop operation (Any processor like dSPACE, FPGA, Microcontrollers)</li> <li>4. Basics of High Voltage Engg.</li> </ol>

No of positions required		M.E Power systems Engineering- 2 M.E Power electronics and drives- 4 M.E High Voltage Engineering- 1
B.E	Essential	B.E in Electrical and Electronics Engineering with 2 years relevant experience
	Desirable	Hands on experience in Power Electronics instrumentation, dSPACE controllers, TI Processors, Electrical Maintenance
<b>PO7</b>		
M.E	Essential	M.E/M.Tech in Power systems/ Power Electronics and Drives/ Control & Instrumentation/ Power Engineering and Management/ Embedded system technologies/ High Voltage Engineering
	Desirable	<ol style="list-style-type: none"> <li>1. Experience in power quality and power systems</li> <li>2. Hands on experience in ETAP or Digsilent power factory</li> <li>3. Rich experience in power station design, installation and commissioning</li> <li>4. Basic knowledge in Electric vehicles, power quality, Electric design (Single Line and Detailed engineering diagrams)</li> <li>5. Knowledge in PVSYST/PV sketch, AutoCAD and Matlab/ SIMULINK, Python.</li> </ol>
No of positions required		M.E/M.Tech in Power systems/ Power Electronics and Drives/ Control & Instrumentation/ Power Engineering and Management/ Embedded system technologies/ High Voltage Engineering- 2
ITI or Diploma	Essential	Diploma in Electrical and Electronics Engineering/ Mechatronics Engineering/ Mechanical Engineering/ Automobile Engineering
	Desirable	<ol style="list-style-type: none"> <li>1. Experience in Soldering and Wiring</li> <li>2. Hands on experience in PCB Design</li> <li>3. Experience in power station design, installation and commissioning</li> <li>4. Basic knowledge in Electric vehicles, power quality, Electric design (Single Line and Detailed engineering diagrams)</li> <li>5. Knowledge in AutoCAD and Matlab.</li> </ol>



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**ANNA UNIVERSITY, CHENNAI – 600 025**

Annexure – II  
Advt. No.:

**RUSA 2.0 - APPLICATION FORM (Skilled manpower)**  
**(To be filled by office)**

Application number		Date of Receipt of the application	
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**Personal Details:**

Full Name (In Capital)				Affix Recent Passport Size Photo
Date of Birth (DD/MM/YY)		Gender (Male/Female)		
Marital Status (Married/Unmarried)		Nationality		
Category (Gen/EWS/OBC/SC/ST)				
Address for Communication		Permanent Address		
Mobile/Phone no.		E-mail		
Name of the post applied for & post code (Separate application for each post is required)				

**Education Background: (From Matriculation Onwards;**  
**Attach Scanned copies of the qualifying degree certificates and mark sheets)**

S. No	Degree	Board / University	Regular/ Part time	Year	Division	% Marks /CGPA

**Qualifying Examination (GATE/CSIR/UGC/NET/Others)**

S. No.	Qualifying Examination	Branch	Year	Valid up to	Percentile	All India Rank	Any other information

**Professional Experience (Attach Scanned Copies of experience certificates)**

S. No.	Designation	Name of Organization	Period		Nature of Work
			From	To	

Research Publications (if any) :

Awards, Patents, Prizes etc., (if any) :

Any other relevant information which is not covered above:

**DECLARATION:**

I declare that the information furnished above is true and correct to the best of my knowledge and belief and that no related information is concealed. If any discrepancy is found at any stage, Anna University, Chennai, shall cancel my application / selection. I am aware that this application is only for temporary position.

Place:

Date:

Signature of the Applicant