

Central Power Research Institute (A Govt. of India Society, Ministry of Power) Post Box No.8066, Prof. Sir. C.V.Raman Road Sadashivanagar Post Office, BANGALORE – 560 080

Recruitment

Advertisement No.CPRI/02/2012

The Central Power Research Institute (CPRI) is a Premier Autonomous Institute under Ministry of Power, Govt. of India, promoting applied research in Power System Technology Development. It has several laboratories throughout India and state-of-art facilities for evaluation of electrical materials and performance of power equipments. It also acts as the National Level Testing & Certification Authority and is the apex body for initiating and co-ordinating Research and Development. The Institute is looking for dynamic and motivated persons against the following lateral entry R & D positions:

Sl. No.	Post Name, No. of posts and Reservation	Essential Education Qualification and Experience	Refer Appendix for Job description and Specialization
01	Engineering Officer Grade 4 01 Post Gen 1	I Class BE in with 10 years Post qualification experience/ or M E/ M Tech/Ph D with 8 years of R & D experience	Appendix I
02	Engineering Officer Grade 3 26 Posts SC 05, ST 02, OBC 06 and Genl 13	I Class BE with 5 years Post qualification experience/ or M E/ M Tech with 3 years experience or Ph D (Engg)	Appendix II
03	Scientific Officer Grade 2 05 Posts OBC 02, Genl 03 (out of the 5 vacancies, 1 is reserved for PWD)	I Class M Sc with Ph D	Appendix III
04	Publication & Publicity Officer 01 Post - Gen	A University Degree and a degree or diploma in Journalism with 5 years professional experience	-
05	Accounts Officer 02 Posts – Gen	A University Degree and preferably a professional qualification such as SAS, CA, CAW etc.	Appendix IV
06	Engineering Assistant Gr.2 07 Posts SC 02, OBC 01 Gen 04	I Class 3 years Diploma in Electrical Engg/Technology plus 5 years relevant experience	Appendix V
07	Engineering Assistant Gr.1 11 Posts OBC 05, Gen 06	I Class 3 years Diploma in Electrical Engg/Technology	-

Approximate total emoluments per month and upper age limit :

Post/Grade	Pay Band	Grade Pay	Minimum Pay	* Total Emoluments	** Upper age limit as on 24.09.2012
Engineering Officer Grade 4	15600-39100 (PB – 3)	Rs.7600/-	Rs.21,900/-	Rs.56,244/-	45 years
Engineering Officer Grade 3	15600-39100 (PB – 3)	Rs.6600/-	Rs.18,750/-	Rs.49,106/-	40 years
Scientific Officer Grade 2	15600-39100 (PB – 3)	Rs.5400/-	Rs.15,600/-	Rs.41,624/-	35 years
Publication & Publicity Officer	15600-39100 (PB – 3)	Rs.5400/-	Rs.15,600/-	Rs.41,624/-	40 years
Accounts Officer	15600-39100 (PB – 3)	Rs.5400/-	Rs.15,600/-	Rs.41,624/-	40 years
Engineering Assistant Gr.2 ***	9300-34800 (PB – 2)	Rs.4200/-	Rs. 9300/-	Rs.25900/-	35 Years
Engineering Assistant Gr.1	9300-34800 (PB – 2)	Rs.4200/-	Rs. 9300/-	Rs.25900/-	30 Years

^{*} Approx. Total Emoluments on minimum pay as on 01.07.2012 excluding House Rent Allowance. CPRI may provide residential accommodation, if available, as per rules.

The details of rules and regulations, bye-laws, Working Rule No.1 and 2 of the CPRI Society which covers recruitment, promotion, etc. for all cadres are available in the Bye-laws uploaded in CPRI's website: http://cpri.in/images/pdf/bye-laws.pdf

^{**} Please see Age Relaxation column under General conditions.

^{***} Will be considered for promotion to the post of Engineering Officer Grade 1 (Gp. II) in the pay band of Rs.9300-34800/4600 after completion of 5 years of service.

General Conditions/Instructions

1. General

a)	(i) The appointing authority may sanction a pay higher than the minimum of the scale subject to a maximum of five increments on first appointment if so recommended by the appropriate selection committee considering the educational qualifications and experience possessed by the candidate.
	(ii) The Appointing Authority may in exceptional cases relax any of the eligibility conditions.
b)	Only Indian Nationals need apply.
c)	The posts carry usual allowances as admissible to Central Government employees (as made applicable to CPRI employees) of the same pay and status.
d)	The posts are pensionable based on defined contribution under the New Pension Scheme, which has been in vogue with effect from 01.01.2004.
e)	Institute reserves the right not to fill up the posts, if it so desires. Number of vacancies indicated are subject to change at the time of selection depending upon the circumstances and reservation may also vary.
f)	Employment in the Institute carries with it All- India transfer liability and presently CPRI has its Units at Bangalore, Bhopal, NOIDA, Hyderabad, Nagpur, Kolkatta and Guwahati.

2. Age Relaxation

a)	The date for determining the age limit/experience/qualification shall be the closing date prescribed for receipt of application, i.e., 24.09.2012. The upper age limit, however, may be relaxed upto 5 years for SC/ST and up to 03 years for OBC candidates as per Government orders in force only in those cases where the posts are reserved for respective categories.
b)	SC/ST/OBC candidates are required to produce attested copy of cast/community certificate (in the format as prescribed by the Central Govt. and issued by the appropriate authorities) along with the Application Form.
c)	Relaxation in the upper age limit for Physically Handicapped will be 5 years, over and above the relaxation provided for the SC/ST/OBC candidates as the case may be.
d)	Candidates belonging to Other Backward Classes (OBC) must submit a photocopy of the latest certificate in the prescribed form issued by the specified competent authority (SDO/District Magistrate/Dy. Commissioner) along with the Application Form.
e)	Relaxation in the upper age limit of 5 years applicable for the persons who were domiciled in the Kashmir Division of the State of J&K during the period of 01.01.1980 to 31.12.1989 subject to production of a certificate from the District Magistrate in the Kashmir Division within whose jurisdiction he/she had ordinarily resided OR from any other authority designated in this behalf by the Government of J&K State, to the effect that he/she had ordinarily been domiciled in the Kashmir Division of State of J&K during the period from 01.01.1980 to 31.12.1989.
f)	Relaxation in age limit for Ex-Servicemen will be as per Government of India Rules.

3. Mode of Selection

a)	Mere fulfillment of educational qualification and experience will not entitle a candidate to be called for Written test/Interview. A duly constituted Screening Committee will short-list the candidates to be called for Written test/Interview based on merit and relevant experience. Only those candidates, who in the opinion of the Institute suit the Institutional requirements will be called for Written Test/Interview. The candidate should, therefore, mention in the application his/her qualification and experience in the relevant area over and above the minimum prescribed qualification supported with documents.
b)	Candidate should ensure that he/she possesses the minimum educational qualification/experience in the relevant area as required in the category/post, for which he/she is applying, on the last date of receipt of application.
c)	The period of experience in the requisite discipline/area of work wherever prescribed shall be counted with effect from the date of acquiring the prescribed minimum educational qualification required for that post.

Canvassing in any form or bringing of any influence, political or otherwise, will be treated as a disqualification.
 The decision of the Institute in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of Written Test/Interview will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.

6. How to Apply & Application Fee

a)	Candidates should download the Prescribed Application Form from CPRI website http://www.cpri.in . They should fill in the application(s) form in all respects and attach attested copies of all certificates of educational qualifications, experience etc. together with an application fee (if applicable) of Rs.100/- (Rupees One hundred only) in the form of crossed Demand Draft valid for at lest 6 months, in favour of Chief Administrative Officer, CPRI payable at Bangalore.
b)	Completed application (with requisite attachments) should be sent in an envelope super sribing "Application for the post of" (name of the post to which applied with Sl.No.) to the Chief Administrative Officer, Central Power Research Institute (CPRI), Post Box No.8066, Prof. Sir. C V Raman Road, Bangalore – 560 080, so as to reach on or before 24.09.2012.
c)	Candidates belonging to SC/ST/PWD category, Women candidates and regular employees of CPRI are exempted from payment of application fee.
d)	If a candidate desires to apply for more than one post, he/she should send separate applications along with requisite fees for different posts. Single application for different posts will not be considered.
e)	Applications from employees of Govt. Departments would be considered only if forwarded through proper channel, duly certified by the employer that the applicant would be relieved within one month of the receipt of the offer of appointment, if selected. Vigilance clearance in respect of the employee should also be recorded in the forwarding letter. However, candidates may submit an advance copy of the application before the closing date. Applications routed through proper channel should reach CPRI at the earliest.
f)	Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.) will not be entertained by CPRI. Any enclosure received separately subsequent to the receipt of the application may not be connected therewith. No representation in this regard will be entertained.
g)	Incomplete application (i.e. without photograph, without attested copies of educational certificates/experience certificate(s), unsigned applications, application without D D if applicable and applications with columns left blank) will not be entertained and will stand rejected.

Checklist: Following documents must be attached along with the application form.

a)	Attested copies of Secondary School certificate showing Date of Birth
b)	Attested copies of Senior Secondary Certificate and marks sheet
c)	Attested copies of Diploma/Degree/Post Degree certificates and mark sheets (year/semester wise) in support of
	essential qualification (as listed in Col.3 of Table of Posts) and any higher qualification.
d)	Attested copies of relevant experience certificate(s), if any (as claimed in the application)
e)	Demand Draft of Rs.100/-, wherever applicable
f)	Attested copy of Certificate of belonging to OBC/SC/ST/PWD category (in prescribed format and issued by
	appropriate authority)
g)	No Objection Certificate (applicable to serving Govt./Public Sector employees).

Central Power Research Institute Post Box No.8066, Prof. Sir. C.V.Raman Road, Sadashivanagar Post Office, Bangalore – 560 080

Application for the post of -----

PART A

Affix passport size Photograph here

01	Post to	which appli	ed and Sl.No.		:					
02	Disciplin	ne			:					
03	Advt. No in which	o. & Date (a h appeared)	nd name of the news	spaper	:					
04	Name in	n full <i>(in Blo</i>	ck letters)		:					
05		Date of Bir te in suppor	th (Enclose a copy of t of age)	f	:					
06	Nationa	lity			:					
07	Father's	s/Husband'	s name		:					
08	Address	for corresp	ondence (in Block let	tters)	:					
09	Perman	ent Address	1		:					
	Telepho Alternat E-mail l	lephone No. (Landline/Cell) cernate No., if any mail ID								
10		te is likely	y Station from where the ely to travel for Written Test /							
11		r belongs to orted by Ce	SC/ST/OBC/ PWD rtificate)	(must	:					
12	Educational/professional qualification (indicating clearly the examinations passed, University/Board, Year and Month of passing, class and percentage of marks & subjects taken starting from minimum qualification prescribed for the post) If the examination was semester wise, marks should be indicated semester wise and copies of marks sheets of all semesters should be enclosed. If the examination is year-wise marks should be indicated year wise and copies of marks sheets of all years should be enclosed, along with certificates, failing which the application will be rejected:									
	amination year Board/ passed and University/ month of passing Board/ University/ Institution			,	semester wi nester/	of Marks wise/year se) % of marks	Class obtained	Subjects Taken	Whether marks sheets enclosed	
										Yes / No

13. Whether continuing higher studies ? If so furnish details

	e of the urse	Year and month of Regis- tration	Board/Univers Institution		Whether part time or full time	Subjects Taken	Year & month during which the course will be completed
14.		ds (indicating					g from present position period of service, nature
	Name of the Compan address	y with	Post held	Se From	ervice Period n To	Scale of pay, salary drawn	Nature of duties
15	Total nı	amber of years	s of experience				
16	Area of	expertise					
17	Details	of Research P	rojects undertaken				
18	Details	of Research p	apers published				
19	Details	of Professiona	l membership				
20	Details any?	of membersh	ip in National Comm	ittees if			
21	Details	of special wor	k carried out if any				
22	Details	of Training/C	ourse attended				
23	organize	ed	Training/short term	courses			
24	Details	of awards/ho	nours received				
25		you execute er, if so, pleas		present			
26	If select post	ed, the minim	num time required to	join the			
27			of two persons what r professional experie		1.		
					2.		
28			detained in Police Cu nplete details thereof.				
29			en convicted by any ive complete details				
30	contem	plated agains	inal case is pend t you in any Court on plete details thereto	of Law?			

(Columns not applicable should be struck off)

DECLARATION

I affirm that the information given in this application is true and correct. I also fully understand that if at any stage it is discovered that any attempt has been made by me to willfully conceal or misrepresent the facts, my candidature will be summarily rejected and my employment terminated without notice and compensation.

DI.	ce	٠
1 10	acc	٠

Date: (Signature of the Candidate)

PART B

(Only for candidates who are already employed)

Name of the	e Organization	:	Reference No.:
It is certifie	d that :		
1.	The date of	birth, qualification,	experience and other details given by Shri/Smt./Dr. as given in Part A of this application for the post of at Central Power Research Institute have been
	verified and fou	nd to be correct.	at Central rower Research institute have seen
2.	Integrity of Shri	/Smt./Dr	is beyond doubt.
3.	No vigilance or	disciplinary proceeding	s is either pending or contemplated against the officer.
			Signature of the authorized Officer (Name & Designation)
			Seal of the Officer

Full address of the authorized Officer (Seal) Telephone No. Fax No.

Summary Sheet

Advt. No. :				Name (of the j	post :								
S1. No.			Dis	cipline:										
DD. No, da	te & va	lue.:												
Name of th	ie Bank	& pla	ce on w	hich DD	Drawn									
Name of the applica	ant:							Nati	ionali					
DOB:	Da	ate Month Year			Age as	on 24-09	-2012		ars I	Months	Days			
Category:	(Co	py in s	upport	of catego	ory viz.	., SC/ST/	OBC/PW	D/Ex-				enclosed	1)	
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Present en State Govt Essential														
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Higher Qu	alificat	ion_]
University	Degree	Obtain	ied	Subject		Special	lisation	<u>м</u>	onth	Year	%age	Grade	Rank]
(The %age from first t	to last :		ter/yea	r)		into acco		ks of a	all ser	nester	s/years	together,	i.e.,	
Details of l					, 3									
Name & Ad of Firm/Com		Designation & Pay Scale				Period of Service (DD/MM/YY)			Nature of Duties					
					From	1	То							
Total Expe	rience:	Y	ears:			Months	s:							
Postal Address: (for correspond- dence)														
Tele. No.: (with STD	code				Mob	ile:					FAX:			
E.Mail :							SIC	:NATU	JRE O	F THE	CANDIL	DATE		

(Columns not applicable should be struck off)

1. Engineering Officer Grade 4 - Instrumentation Division

JOB DESCRIPTION:

- To carry out research in the area of Instrumentation related to Power Sector and including electricity meter performance and usage.
- To initiate research projects in metering and related issues and technologies
- including novel methods in metering, smart meters, Advanced Metering
- Infrastructure, Smart Grid etc.
- To bring out study reports on metering practices worldwide periodically.
- To review the standards associated with metering and initiate amendments if required.
- To monitor and coordinate the testing activities in a time bound schedule for both meterological properties and communication protocol.
- To plan and allocate work for the laboratory engineers.
- To ensure adherence to institute quality norms which is based on ISO 17025?
- To identify the need for new meter test facilities and to prepare detailed project proposal for funding.
- To implement the sanctioned projects within the stipulated time..
- To organize / conduct training and conferences in the area of instrumentation including Electricity metering.

Specialization: Applied Electronics Engineering / Electronics Instrumentation Engineering/ Integrated Electronics Engineering

1) Engineering Officer Grade 3 - Power System Division

JOB DESCRIPTION:

- Electric Power system planning and operational studies, Power system dynamics and controls for large scale power systems and industrial systems
- Protection coordination studies
- Power Quality studies etc.
- Developing suitable software for analysis and study of power systems

Specialization: Power systems

2) Engineering Officer Grade 3 - High Voltage Division & UHVRL*, Hyderabad

JOB DESCRIPTION:

- Carrying out high voltage quality assurance tests as per National and International standards on all types of Power equipment of voltage class upto 765 kV AC and ± 500 kV DC.
- Carrying out research in areas like outdoor insulation and corona related problems of AC and DC systems.
- Solving the insulation failure problem faced by transmission and distribution system operators as well as bulk electricity consumers.

Specialization: High Voltage

3) Engineering Officer Grade 3 - Planning Division

JOB DESCRIPTION:

- Plan various activities of the Institute with respect to short term, medium term and long term projects of the institute.
- Preparation of Publications like Annual Reports, News Bulletins etc.
- Coordinating with divisions in preparing capital project proposal
- Monitoring Physical and financial progress of various projects
- Submission of project progress reports
- Monitoring the MoU parameters of CPRI and various divisions & Units
- Managing MIS and ministry Liaison

Specialization: Industrial Engineering and Management

4) Engineering Officer Grade 3 - Information and Publicity Division

JOB DESCRIPTION:

- Disseminating the Research and Development, Evaluation facilities of CPRI in India and Abroad
- Carrying out Market survey for Research and Development and produce reports
- Demand Forecast with respect to Testing and Consultancy

- Tender submission and Contract management
- Participate in scientific exhibition in India and abroad
- Keep track of CPRI's users requirement
- Responding with details to enquiries
- Conducting users meet and visiting utilities regularly to understand their requirements.

Specialization: Industrial Engineering and Management

5) Engineering Officer Grade 3 - R&D Management Division

JOB DESCRIPTION:

- Management of Research and Development activities of CPRI
- Inviting NPP (National Perspective Plan) and RSOP (Research Scheme on Power) Research project proposals
- Reviewing ongoing Research Projects
- Organizing R&D committee meetings
- Coordinating with Ministry of Power, Central Electricity Authority, Research Institutions and Participating organizations on progress of Research projects
- Compiling Technical reports
- Filing of patents

Specialization: Power Systems/ Energy Systems with flavor for Research Management.

6) Engineering Officer Grade 3: Electrical Appliances Technology Division

JOB DESCRIPTION

- Testing of HT motors
- Field testing of HT Motors
- Consultancy in the area of Motor
- Augmentation of Test facilities to meet the industry standard
- Research in development of Energy efficient motors

Specialization: Machines, Drives & Control, Power Electronics

7) Engineering Officer Grade 3: Electrical Appliances Technology Division

JOB DESCRIPTION

- Testing of lighting and Illumination systems
- Design of Lighting systems
- Consultancy in the area of Illumination
- Augmentation of Test facilities to meet the industry standard
- Research in development of Energy efficient lighting systems

Specialization: Electronics

8) Engineering Officer Grade 3: Energy Efficiency & Renewable Energy Division

JOB DESCRIPTION

- Testing of Invertors other electrical appliances including domestic
- Field Testing of Electrical Equipment
- Consultancy in the area of Power electronics for Renewable Energy conversion
- Augmentation of Test facilities to meet the industry standard
- Research & Development in the area of Power Electronics applied to Power Engineering

Specialization: Power Electronics

9) Engineering Officer Grade 3 – Mechanical Engineering Division, Earthquake Engineering and Vibration Research Centre & UHVRL*, Hyderabad

JOB DESCRIPTION:

- Analysis and Design of Steel and RCC structures.
- Dynamic analysis of Transmission line towers, cables/conductors and
- other life line structures.
- Research & Development in seismic resistant smart structures.
- Optimum design of structures like transmission line towers,
- Telecommunication/Microwave towers, Poles etc.,
- Proto type testing of Transmission line tower, poles and substation
- structures.
- Augmentation of test facilities.
- Preparation of Specification, Estimate, NIT for all the new Infrastructure projects of CPRI as per CPWD guidelines and supervision.

Specialization: Structural Engineering

10) Engineering Officer Grade 3 – Human Resources Division

JOB DESCRIPTION:

- Man power planning
- Recruitment: Preparing job descriptions, advertising for staff, analyzing applications, arranging interviews and assessments.
- Coordinating external training and organizing internal training sessions for all the staff & employees. Running induction schemes for new employees
- Performance Appraisal / Evaluation related activities
- Interaction with ministry for Manpower requirement
- Management of Health, safety and other works including management of canteen, Guest Houses
- Other works related to HR functions

Specialization: Industrial Engineering & Management

11) Engineering Officer Grade 3 - Diagnostics, Cables and capacitors Division

JOB DESCRIPTION:

- Carrying out high voltage quality assurance tests as per National and International standards on all types of Power equipment like cables, transformers etc of voltage class upto 400 kV
- Field testing and consultancy
- Carrying out research in areas like solid dielectrics (eg. power cables etc) and related areas

Specialization: High Voltage

12. Engineering Officer Gr.3 - High Power Laboratory & NHPTL**, Bina:

JOB DESCRIPTION:

- Performing and evaluation of short circuit tests and other tests as per National and International standards on all type of power apparatus of voltage class upto 400 kV.
- Interpretation of IEC/IS/ANSI standards related to Low voltage and High Voltage power apparatus.
- Development of new test methods and development of electrical equipment standards
- Carrying out research in areas such as arc phenomena, high voltage insulation and related problems for AC systems.
- Thorough understanding of the electrical and control circuits of the short circuit test laboratory and involve in the trouble shooting of problems
- Planning , procurement and inventory control of relevant spares for the equipments of the laboratory.

Specialization: High Voltage

13. Engineering Officer Gr.3- EMI/EMC:

JOB DESCRIPTION:

- To carry out EMI/EMC testing on electrical and electronic products to assess compliance with relevant standards, evaluation and analyze EMI/EMC test results & prepare test reports.
- Independently operate EMI/EMC test facility for both emissions and immunity.
- Develop test methods to support unique customer requirements.
- Managing the operation of EMI/EMC test facilities and laboratory maintenance.
- Troubleshoot test failures to determine causes and provide solutions to customers.

Specialization : Electronics/ Communication

14. Engineering Officer Gr.3 - Instrumentation Division:

JOB DESCRIPTION:

- To carry out research in the area of Instrumentation related to Power Sector and including electricity meter performance and usage

- To initiate research projects in metering related issues and technologies including novel methods in metering, smart meters.
- To review the standards associated with metering and initiate amendments if required.
- To study and establish methods for calibration of reference meters with uncertainties. To expand the scope of calibration laboratory.
- To identify the need for new meter test facilities and to prepare detailed project proposal for funding.

Specialization: Applied Electronics Engineering / Electronics Instrumentation Engineering/ Integrated Electronics Engineering

1) Scientific Officer Grade 2 - Insulation Division

JOB DESCRIPTION:

- Testing various electrical insulating and dielectric materials and systems for physical, thermal and chemical properties as per national and international standards and allied.
- Augmentation of laboratory from time to time in tune with needs of the Industry
- Carrying out Research in Insulating and Dielectric material and systems
- Polymer synthesis and Characterization

Specialization: Polymer Science

2) Scientific Officer Grade 2 - Dielectric Materials Division

JOB DESCRIPTION:

- Testing of dielectric materials, insulating oils, lubricating oils and polymers.
- Condition monitoring and diagnostics of liquid and solid dielectric material for equipment condition assessment.
- Design and development of dielectric materials for power equipment
- Mineral oil and additive technologies for insulating oils and lubricants.
- Working on sophisticated analytical instrumentation like gas chromatograph, High Performance Liquid Chromatographic systems, High performance Thin Layer Chromatographic systems and FT IR spectrophotometers and UV-VIS spectrometers.
- Consultancy activities & Field testing activities on condition assessment of insulation systems.

Specialization: Analytical Chemistry

3) Scientific Officer Grade 2 - Dielectric Materials Division

JOB DESCRIPTION:

- Testing of lubricating oils and polymeric materials as per national and international standard test methods.
- Research and developmental activities on physico-chemical aspects of lubricants and Additive formulation.
- Design and development of Mineral reconditioning and reclamation technologies
- Working on sophisticated instrumentation like Gas Chromatographs, Liquid Chromatographs, FTIR and UV – Vis spectrometers.
- Consultancy activities & Field testing activities on condition assessment of lubricating systems.

Specialization: Physical Chemistry

4) Scientific Officer Grade 2 in Battery Testing

JOB DESCRIPTION:

- Testing of batteries as per the international standard test methods.
- Analysis and modeling of physical and electrochemical processes in large battery systems to capture dynamical processes taking place in the batteries
- Modeling and model verification of Multi-Input-Multi-Output dynamical systems, sensitivity analysis, and dynamical system identification, including parametric, nonparametric, and closed-loop methods.
- design, analysis and fabrication of electro-mechanical systems and energy conversion devices
- design and implement controllers for stationary energy storage applications, current state-of-the-art control systems for stationary energy storage applications, and electricity grid operation
- Test and deploy the developed Battery Management Systems.
- Research and developmental activities on Fuel cells and their performance assessment

Specialization: Electro-Chemistry

5) Scientific Officer Grade 2 in Utility Automation Research Centre

JOB DESCRIPTION:

- To carry out testing of software application products for power sector using test tools and as per applicable standards.
- To carry out testing of communication software in electronic products like meters, relays used in power sector.
- To be able to configure new test tools
- To associate in the IT support activities.
- To study and establish new software testing methods for specific requirements.
- To carryout statistical analysis and assist senior officers in consulting activities

Specialization: Mathematics with software background

Note:

The officers selected for the above posts are expected to

- (i) Work in close collaboration with engineers in testing and Report preparation
- (ii) Prepare and file invention records/file patents and help technology transfer.
- (iii) conduct training programs and organize workshops and conferences.
- (iv) Augmentation of Test facilities to meet the industry standard
- (v) Undertake in-house and sponsored research Projects and Publish papers in referred journals
- (vi) These positions are for Research and development and Quality assurance work. Hence candidate with research aptitude with demonstrable research publications and credentials would be preferred.
- 2) Experience in the areas identified in the respective job description is preferred.

UHVRL* - Ultra High Voltage Research Laboratory, Hyderabad

NHPTL** - National High Power Laboratory, Bina, Madhya Pradesh

Accounts officer

Accounts Officers are expected to and equip themselves for handling the Capital Projects around or more than Rs. 200 Crores per annum including Research Projects, Research scheme on Power, National Perspective Plan Projects, etc. apart form the usual financial management, finalisation of Accounts, etc. They are also expected to be aware of provisions of Government Accounting System of Capital Grants vis-a-vis commercial accounting. The other areas of work include Bills Payable/Receivable,Pre-audit, Budgeting, Budgetary control, Reconciliation of various Bank Accounts, Meetings, etc. Expected to handle Government, Ministry Internal Audit, Statutory Audit, Internal Audit, etc. They have to be aware of provisions of General/Contributory Provident Fund, as well as New pension Scheme, Pension, Gratuity, Commutation, Labour Laws, etc. They should possess knowledge of Accounting Softwares like Tally, SAP, Custom-built software, etc.

Scientific/Engineering Assistant Grade 2

JOB DESCRIPTION:

 5 years experience in the area of Cables, Capacitors, Short Circuit testing procedure of Electrical equipments, H V measurements & Testing, Energy meter testing and related testing including EMC/EMI, Utility Automation, Electrical maintenance including HV/EHV substations. They shall be familiar with BIS/IEC/IEEE standards quality procedures related to various electrical equipments. Exposure to ISO/IEC 17925 is desirble.