



**NATIONAL INSTITUTE OF OCEAN TECHNOLOGY
(Ministry of Earth Sciences, Government of India)**

NIOT Campus, Velachery-Tambaram Main Road, Pallikaranai, Chennai – 600 100

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ADVERTISEMENT No. NIOT/2019/03 (Regular)

National Institute of Ocean Technology (NIOT), Chennai, an autonomous body under the Ministry of Earth Sciences, Govt. of India, is functioning with broad objectives of promoting technology development in various mission mode activities in Ocean Engineering and Ocean Resource utilization. The institute invites online applications through the website link <http://www.niot.res.in/index.php/recruitment> to the following post on **deputation** from talented and motivated Indian citizens possessing the qualifications prescribed in the table below:-

(1) Post code	SC-Electrical-01-2019
Name of the post	Scientist – F (Electrical) (On deputation)
Number of post	01 (One) – On deputation, for a period of three years and extendable as per Govt. of India Rules from officers under the Central Government or State Government or University or Research Institutions or Public Sector Undertaking or Semi Government, Autonomous Organizations possessing the educational qualification and experience and holding analogous posts or with five years regular service in Pay Level 13 (Pay Band-4 Rs.37400-67000 with Grade Pay of Rs.8700/- of VI CPC) or with eight years regular service in pay level 12 of CCS (Revised Pay) Rules, 2016 (Pay Band-3 Rs.15600-39100 with Grade Pay of Rs.7,600/- OR equivalent
Age Limit	Not exceeding 56 years on the closing date of online application
Qualification	Essential: Bachelor's degree in Electrical / Electrical & Electronics Engineering or Technology in relevant subject from a recognized University or its equivalent with at least First Class (60% marks) in the qualifying degree level. Desirable: Master's degree in Electrical Engineering / Power Electronics and Drives / Power Systems / High Voltage Engineering / Control and Instrumentation or equivalent from a recognized University / Institute.
Experience	Essential: Sixteen years experience in Research and Development, Survey, Planning, Administration, Supervision or training, etc., in the general field of ocean technology and engineering like power systems and underwater systems, control and guidance of underwater vehicles, underwater communications, design and development of electrical / electronics for under water system etc. Desirable: Experience in policy making, planning or management, etc., related to execution of projects in the area of ocean technology and engineering.
Job Requirement	i) Design, integration, assembly, testing, operation and maintenance of marine and subsea Electrical systems, Power electronic converters, Solid state drives, power transmission systems, Brushless DC motor controllers, Permanent magnet synchronous Generators, medium voltage high frequency systems, Renewable energy systems (small/off/on grid).

	ii) Simulation, modeling and analysis using soft-wares like Magnet, Motor Solve, Thermnet and Speed, PSIM, MATLAB, Simulink / Usage of soft-wares like and NI Labview, Electrical CAD iii) Design and implementation of Instrumentation and closed loop control for medium voltage Electrical systems, design of instrumentation system for desalination plants. iv) Field testing of the systems/ equipments developed by NIOT onboard designated ship/ platform at sea.
Pay Scale	Pay Level 13A (Rs.131100-216600) and allowances as admissible to Central Govt. Employees.
Selection Procedure	Through Interview

Screening of Applications

The preliminary screening of the applications will be based on candidate's qualifying credentials against (i) the essential requirements specified above, (ii) date of birth (after relaxation of age as applicable), (iii) completeness of the application like providing the details sought, submission of the passport size photograph, and copies of the marks list, academic and experience certificates, signature etc. (iv) essential experience, (v) desirable qualification and experience as specified in the above. The candidate's experience certificates should clearly specify whether they possess the experience / knowledge / skills / requested in the essential / desirable experience requirements.

Criteria for Short-listing of applicants for Interview:

The prescribed essential qualifications are minimum requirements and the mere possession of the same does not entitle candidates to be called for interview. If the number of application, received in response to advertisement is large, it will not be convenient or possible to call all candidates for interview. Hence, NIOT may restrict the number of candidates to be called for interview to the reasonable limit through Short listing Process by adopting suitable criteria, like cut off marks in the minimum educational qualification, relevant experience in the field, consistency in the APAR etc. The criteria for short listing the applications will be set by a Committee constituted to screen the applications depending upon the number of application received.

The final selection of the candidate will be based on the candidate's performance in the interview. No correspondence will be entertained with candidates who are not called for interview/selected for appointment.

Procedure for submitting application:

The candidates are requested to note the following:

1. The period deputation initially shall be for 03 (Three years). The period of Deputation including the period of deputation in another ex-cadre post held immediately preceding his/her appointment in same or some other Organization or Department of the government of India shall not exceed five years, which may be extended further on year to year basis subject to a maximum of seven years with the approval of Competent Authority.
2. Departmental Candidates in the feeder category who are in the direct line of promotion (In-situ upgradation) under MFCS shall not be eligible for consideration for appointment on deputation except for the ex-cadre post for which they are not the feeder grade Officers.
3. The pay and allowances, etc., in the deputation basis will be governed as per O.M. No.6/8/2009-Estt (Pay II) dated 17.6.2010 of Ministry of Personnel Public Grievances & Pension (Department of Personnel & Training), New Delhi with modifications issued from time to time.
4. The application form is available online on NIOT website <http://www.niot.res.in>. The candidate has to fill the application online and upload recent passport size photograph **latest by 4.11.2019** upto 5.30 p.m. Upon submission, an online Registration Number will be provided by the system. After allotment of Registration Number, the candidate has to take print out and send the same duly signed along with self-attested copies of the following certificates to reach the **Director, National Institute of Ocean Technology, Velachery – Tambaram Main Road, Pallikaranai, Chennai – 600100**, India within 07 days (15 days for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of Jammu and Kashmir State Lahaul and Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, Andaman and Nicobar Islands and the Union Territory of Lakshadweep) from the date of closing of online submission.
 - (i) Educational Qualification Certificates
 - (ii) Mark List
 - (iii) Experience certificates
 - (iv) Publications made/Reprints of the Journals
 - (v) Caste certificate in the prescribed form issued by the Competent Revenue Authority.
 - (vi) APAR for the last five yearsWhile submitting the copies of the above certificates please Write “Enclosure Sl. No.” as mentioned in the application.
5. Paste a recent passport size photograph in the space provided for at the right top portion on the first page in the hard copy of the application. The Photograph should clear.
6. The candidates should not have exceeded the maximum age limit specified above as on the last date of submission of online application
7. The Advertisement No., Post No. and Post Name should be clearly superscribed on the envelope.
8. Women candidates fulfilling the requirements are encouraged to apply for the post.
9. The candidates selected are liable to work anywhere in India in any of the Projects of NIOT.
10. Applications for deputation should be routed through **Proper channel**.
11. NIOT cannot take any responsibility for transit and other delays.
12. Late/incomplete applications, online applications without hardcopy or vice versa will lead to rejection of application.
13. The number of posts mentioned in the advertisement may vary depending upon the requirements. NIOT reserves the right not to fill up the post without assigning any reasons what so ever.
14. Canvassing in any form will be treated as disqualification.
15. Any unsolicited communication regarding this advertisement is strictly prohibited.

16. The decision of NIOT in all matters relating to eligibility, acceptance or rejection the application shall be final and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.
17. The call letter for Interview will be communicated through the registered email.

LAST DATE FOR ONLINE APPLICATIONS	:	04.11.2019
LAST DATE FOR RECEIPT OF Non-remote localities	:	11.11.2019
Hard Copy of APPLICATIONS - Remote localities	:	18.11.2019

DIRECTOR