



**Indian National Centre for Ocean Information Services (INCOIS)**  
**(an autonomous body under Ministry of Earth Sciences (MoES), Govt. of India)**  
**Hyderabad**

Applications are invited from the eligible candidates for filling up of the following Regular Positions on Direct Recruitment and on Deputation (including short term contract basis) at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, an autonomous body under Ministry of Earth Sciences, Govt. of India :

Post Code	Name of the Post	No. of Posts & Reserved for	Pay & Allowances	Age Limit (as on date of closure of application)
<b>Direct Recruitment:</b>				
01	Scientist – E	One (UR)	Level 13 of the Pay Matrix (Rs.1,23,100–2,15,900) and allowances as per INCOIS rules.	50 yrs.
02	Scientist – C	One (UR)	Level 11 of the Pay Matrix (Rs.67,700-2,08,700) and allowances as per INCOIS rules.	40 yrs.
03 & 04	Scientist – B	Two (UR)	Level 10 of the Pay Matrix (Rs.56,100-1,77,500) and allowances as per INCOIS rules.	35 yrs.
<b>On Deputation (including Short term contract basis) :</b>				
05 & 06	Scientist – C	Two	Level 11 of the Pay Matrix (Rs.67,700-2,08,700) and allowances as per INCOIS rules.	56 yrs.

Further details about the position, eligibility, academic qualifications, responsibilities, experience, application procedure and other general conditions are available at weblink <https://incois.gov.in/jobs/index.jsp>.

**Closing Date:** The last date of submission of online application is **July 25, 2022 by 05:00pm IST.**

Director, INCOIS  
Advt. No. INCOIS/RMT/03/2022



**Indian National Centre for Ocean Information Services (INCOIS)**  
**(an autonomous body under Ministry of Earth Sciences (MoES), Govt. of India)**  
**Hyderabad**

**ADVT. No. INCOIS/RMT/03/2022**

Indian National Centre for Ocean Information Services (INCOIS), an autonomous organization under Ministry of Earth Sciences (MoES), Government of India is mandated to provide the best possible ocean information and advisory services to the society, industry, government agencies and the scientific community through sustained ocean observations and constant improvements through systematic and focused research. Some of the major activities of the organization are (1) early warning services for the coastal population on tsunamis, storm surges, high waves, etc, (2) Potential Fishing Zone (PFZ) advisories to fisher folk, (3) Ocean State Forecasts, (4) Ocean Observing Systems in the Indian Ocean, (5) Ocean Modeling, (6) Ocean Data services, etc.

**The following are regular positions to be inducted on Direct Recruitment basis.**

Post Code	Name of the Post	No. of Posts (Reserved for)	Details of Position	Age limit (as on date of closure of application)
<b>01</b>	<b>Scientist – E</b>	<b>One (UR)</b>	<b>Essential Qualification:</b>  Post Graduate Degree (M.Sc., M. Tech.) in Atmospheric Science /Oceanic Science /Climate Science /Marine Science / Meteorology / Oceanography / Physics / Mathematics / Mechanical / Civil or Bachelor’s degree in Engineering or Technology in Mechanical / Civil or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.  <b>AND</b>  11 (eleven) years of experience with Ocean Models /Coupled Ocean Atmospheric Models / Numerical Models for short and long-term forecasts of ocean and atmosphere with data assimilation, model parametrization, Research experience including familiarity with data processing and analysis proven through reputed peer-reviewed SCI publications.	<b>50 yrs.</b>

			<p><b>Desirable Qualification:</b></p> <ul style="list-style-type: none"> <li>• Ph.D. in Marine Science / Atmospheric Science /Climatic science/ Physical Oceanography/Chemical Oceanography/ Meteorology or similar fields.</li> <li>• Experience in policy making, planning and Management in the field of oceanography.</li> <li>• Experience in Fortran programming and data analysis using software like Ferret, MATLAB, etc.</li> <li>• Familiarity with scientific visualization and analysis software such as FERRET, GMT, MATLAB, ODV, GRADS etc.</li> <li>• Experience in undertaking research work onboard ships/boats.</li> </ul> <p><b>Job Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• The selected candidate is expected to be engaged in Ocean Modelling, Data Assimilation and R &amp; D leading members in development of operational services at INCOIS.</li> <li>• Participate in research cruises/field campaigns onboard ships/boats and any other scientific/technical jobs that may be assigned from time to time.</li> </ul> <p><b>Pay &amp; Allowances:</b> Level 13 of the Pay Matrix (Rs. 1,23,100 – 2,15,900) and allowances as per INCOIS rules.</p>	
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02	Scientist - C	One (UR)	<p><b>Essential Qualification:</b></p> <p>Post Graduate Degree (M.Sc., M. Tech., M.S, M.C.A) in Computer Science/Computer Applications/Information Technology/Data Science or Bachelor’s degree in Engineering or Technology in Computer Science/Information Technology/Data Science or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.</p> <p style="text-align: center;"><b>AND</b></p> <p>03 (Three) years of experience in the field of data processing and analysis related to Oceanographic data sets, Big Data and Data Analytics, Database Management, applications of AI/ML related to Oceanographic data sets, Open-source software for working with large datasets.</p> <p><b>Desirable Qualification:</b></p> <ul style="list-style-type: none"> <li>• PhD in Computer Science or Information Technology or Data Science or similar fields.</li> <li>• Experience in programming (Matlab, Python, etc.), data analysis software (e.g., FERRET etc.,) and data visualization software (Tableau, Power BI, FERRET etc).</li> <li>• Experience in handling Database Management Software like Oracle, DB2, MySQL and experience in Cloud Computing.</li> </ul> <p><b>Job Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• The selected candidate is expected to be engaged in data management activities, employing AI/ML and data science applications using heterogeneous data, visual analytics, R &amp; D activities at INCOIS.</li> <li>• Participate in research cruises/field campaigns onboard ships/boats and any other scientific/technical jobs that may be assigned from time to time.</li> </ul> <p><b>Pay &amp; Allowances:</b> Level 11 of the Pay Matrix (Rs.67,700 -2,08,700) and allowances as per INCOIS rules.</p>	40 yrs.
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03	Scientist – B	One (UR)	<p><b>Essential Qualification:</b></p> <p>Master of Fishery Science (M.F.Sc.) in Fisheries Resources Management or Post Graduate Degree (M.Sc., M. Tech.) in Oceanic Sciences /Marine Science / Oceanography / Marine Biology / Marine Chemistry or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.</p> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Ph.D. in Marine Sciences / Physical Oceanography/ Biological oceanography/ Fishery Sciences or similar fields.</li> <li>• Proven record of experience in any of the fields such as Remote Sensing and GIS for Fisheries Management, Fish Stock Assessment, fishery modeling (habitat suitability models, ecosystem models, etc.), fishery capture technologies, R&amp;D in marine fisheries, satellite oceanography, primary productivity modeling, etc.</li> <li>• Experience in scientific programming languages (Fortran, Python &amp; C.) and data analysis software like FERRET, MATLAB, GRAD, GMT etc.</li> <li>• Familiarity with usage of field and lab equipment and experience in cruise participation onboard boats/ships.</li> </ul> <p><b>Job Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Job responsibilities include, but are not limited to (1) R &amp; D in marine fishery applications, (2) generation &amp; dissemination of operational fishery services, (3) collection &amp; analysis of in-situ time series data from estuarine and marine environments, (4) usage of remotely sensed data for fisheries applications, (5) Fishery Resource Management, fish stock assessment, fish habitat suitability modeling, ecosystem modeling, (6) participation in cruises, user interaction workshops, etc (7) teaching and any other scientific/technical jobs that may be assigned from time to time.</li> <li>• The selected candidate is expected to play a major role in R&amp;D activities in fisheries leading to operational services and products.</li> </ul> <p><b>Pay &amp; Allowances:</b> Level 10 of the Pay Matrix (Rs.56,100 - 1,77,500) and allowances as per INCOIS rules.</p>	35 yrs.
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04	Scientist - B	One (UR)	<p><b>Essential Qualification:</b>  Post Graduate Degree (M.Sc., M. Tech., M.Sc (Tech.)) in Atmospheric Science /Oceanic Science /Climate Science /Marine Science / Meteorology / Oceanography / Physics/ Mathematics/ Geophysics/ Mechanical / Civil or Bachelor's degree in Engineering or Technology in the Mechanical / Civil/ Ocean Engineering or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.</p> <p><b>Desirable Qualification:</b></p> <ul style="list-style-type: none"> <li>• Ph.D. in Marine Science / Atmospheric science / Climatic science/ Physical Oceanography/ Meteorology/ Ocean Engineering or similar fields.</li> <li>• Experience in handling mathematical/numerical models for short and long-term forecasts of oceans and atmosphere with data assimilation, handling of models for prediction of Tsunamis &amp; Strom Surge and associated inundation along the coast; Research experience including familiarity with data processing and analysis proven through reputed peer-reviewed SCI publications.</li> <li>• Experience in Fortran programming and data analysis using software like FERRET, MATLAB, etc.</li> <li>• Familiarity with scientific visualization and analysis software such as FERRET, GMT, MATLAB, ODV, GRADS etc.</li> <li>• Experience in cruise participation onboard boats/ships.</li> </ul> <p><b>Job Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• The selected candidate is expected to be engaged in Ocean Modelling, Tsunami/ Strom Surge modelling, coastal inundation modelling and mapping, impact-based forecasting, and R &amp; D leading to development of operational services at INCOIS.</li> <li>• Participate in research cruises/field campaigns onboard ships/boats and any other scientific/technical jobs that may be assigned from time to time.</li> </ul> <p><b>Pay &amp; Allowances:</b> Level 10 of the Pay Matrix (Rs.56,100 - 1,77,500) and allowances as per INCOIS rules.</p>	35 yrs.
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**The following are positions to be inducted on deputation (including short term contract basis). The deputation is initially for a period of two years, extendable further depending upon the need/requirement of INCOIS.**

Post Code	Name of the Post	No. of Posts	Details of Position	Age limit (as on date of closure of application)
05	Scientist – C	One	<p><b>Essential Qualification:</b></p> <p>Officers under the Central Government/ State Government/ University/ Research Institutions/ Public Sector Undertaking OR Semi-Government / Autonomous organizations:</p> <p>Holding analogous posts on a regular basis with essential qualification as in point no.(i) and field of experience as prescribed in point no.(ii) below.</p> <p style="text-align: center;">OR</p> <p>Holding a regular post with <b>three years</b> of service in the Level 10 (Rs.56100-177500) of the pay matrix or equivalent with essential qualification as in point no.(i) and field of experience as prescribed in point no.(ii) below</p> <p style="text-align: center;">OR</p> <p>Holding a regular post with <b>five years</b> regular service in the Level 8 (Rs.47600 -151100) of the pay matrix with essential qualification as in point no.(i) and field of experience as prescribed in point no.(ii) below.</p> <p>(i) Post Graduate Degree (M.Sc., M. Tech.) in Atmospheric Science /Oceanic Science /Climate Science /Marine Science / Meteorology / Oceanography / Physics/ Mathematics/ or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.</p> <p>(ii) Not less than 03 (three) years of research experience in one or more fields of ocean observations, ocean data processing and analysis, research experience proven through reputed peer-reviewed SCI publications.</p>	56 years

			<p><b><u>Desirable Qualifications:</u></b></p> <ul style="list-style-type: none"><li>• Ph.D. in Marine science /Atmospheric science /Climatic science/ Physical Oceanography /Chemical Oceanography/ Meteorology or similar fields.</li><li>• Experience in C programming, Python and data analysis using software like MATLAB, FERRET etc.</li><li>• Familiarity with scientific visualization and analysis software such as FERRET, GMT, MATLAB, ODV, GRADS etc.</li></ul> <p><b><u>Job Responsibilities:</u></b></p> <ul style="list-style-type: none"><li>• The selected candidates will be required to contribute to oceanography data collection, data management, data analysis, ocean services of INCOIS and undertake research leading to improvement of operational ocean services.</li><li>• Participate in research cruises/field campaigns onboard ships/boats and any other scientific/technical jobs that may be assigned from time to time.</li></ul> <p><b>Pay &amp; Allowances:</b> Level 11 of the Pay Matrix (Rs.67,700 - 2,08,700) and allowances as per INCOIS rules.</p>	
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06	Scientist – C	One	<p><b>Essential Qualification:</b>  Officers under the Central Government/ State Government/ University/ Research Institutions/ Public Sector Undertaking OR Semi-Government / Autonomous organizations:</p> <p>Holding analogous posts on a regular basis with essential qualification as in point no.(a) and field of experience as prescribed in point no.(b) below.  OR  Holding a regular post with <b>three years</b> of service in the Level 10 (Rs.56100-177500) of the pay matrix or equivalent with essential qualification as in point no.(a) and field of experience as prescribed in point no.(b) below  OR  Holding a regular post with <b>five years</b> regular service in the Level 8 (Rs.47600 -151100) of the pay matrix with essential qualification as in point no.(a) and field of experience as prescribed in point no.(b) below.</p> <p>(a) Post Graduate Degree (M.Sc., M. Tech.) in Atmospheric Science /Oceanic Science /Climate Science /Marine Science / Meteorology / Oceanography / Physics/ Mathematics/ Mechanical / Civil or Bachelor’s degree in Engineering or Technology in Mechanical / Civil or its equivalent from a recognized university / institute with at least a first class (60% of marks) in the qualifying degree.</p> <p>(b) Not less than 03 (three) years of research experience in one or more fields of Ocean Models / Numerical Models for short and long-term forecasts of ocean with data assimilation, research experience proven through reputed peer-reviewed SCI publications.</p> <p><b><u>Desirable Qualifications:</u></b></p> <ul style="list-style-type: none"> <li>• Ph.D. in Marine science /Atmospheric science /Climatic science/ Physical Oceanography / Meteorology or similar fields.</li> <li>• Experience in Fortran programming and data analysis using software like FERRET, MATLAB, etc.</li> <li>• Familiarity with scientific visualization and analysis software such as FERRET, GMT, MATLAB, ODV, GRADS etc.</li> </ul>	56 years
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**Period of deputation:** Period of deputation including period of deputation in another ex-cadre post held immediately preceding this appointment in the same or some other organization or Department of the Central Government, University, Research Institutions, Public Sector Undertaking, Semi-Government or Autonomous Organizations shall not exceed five years or attaining the age of superannuation (60 years) whichever is earlier.

**Terms of Deputation:** The terms of deputation will be regulated under the provisions in Department of Personnel and Training OM No. 6/8/2009-Estt.(Pay-II) dated 17/6/2010 as amended from time to time.

**Mode of Selection:** The selection of all the posts of this advertisement shall be on the basis of performance of the screened in candidates in the Interview and based on the Selection Committee's recommendations.

**Place of Posting:** Initial posting will be at INCOIS, Hyderabad. However, he/she may be required to work anywhere in India.

**Age relaxation:** No age relaxation would be available for SC/ST/OBC/EWS/PWD candidates applying for unreserved post/vacancy. Age Relaxation is permissible up to five years for persons serving on regular basis (minimum three years continuous service) in Central Government / Regular employees of INCOIS. For Ex-Serviceman the age relaxation shall be as per Government of India guidelines.

### **Closing date :**

- The last date of submission of **online application** for all the posts of this advertisement is **July 25, 2022 by 1700 hrs.** and the last date is the cut-off date for all purposes including Age/Qualification/Experience etc.
- Deputation posts i.e. Post code 05 & 06 have to forward print out of online application along with supporting documents **through proper channel by August 10, 2022 by 1700rs. through post / Speed post.** Non-receipt of hard copy of application through proper channel will be treated as dis-qualification for these posts.

### **General Conditions:**

1. Only Indian nationals are eligible.
2. Applications should be submitted ONLINE in the prescribed format along with scanned copies of documents relating to educational qualifications, experience, age etc. through INCOIS website at [www.incois.gov.in](http://www.incois.gov.in). No Hard copy of application is required to be submitted for Direct recruitment i.e. post code 01 to 04
3. Applicants of deputation posts i.e. Post code 05 & 06 have to forward the **Hard copy** of print out of online application along with copies of certificates in support of educational qualifications, date of birth, experience, no objection certificate, passport size photograph, etc should be sent through “Proper Channel” along with attested copies of full ACR/APARs for the last five years and Vigilance Clearance Certificate to the Director, Indian National Centre for Ocean Information Services, Ocean Valley, Pragathi Nagar (B.O), Nizampet (S.O.), Hyderabad - 500090, Telangana, INDIA. Such hard copies of applications received through proper channel and complete in all aspects will only be considered for screening purpose. The screened in candidates will be called for interview and the final selection will be based on the candidate’s performance before the Selection Committee and based on recommendations of Selection Committee and evaluation of APARs for last 5 years.
4. INCOIS will have full discretion to fix separate minimum criteria for shortlisting and criteria for interview for each category of candidates.
5. 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 applications, received in response to advertisement, are large, it will not be convenient or possible to call all candidates for interview. Accordingly, centre may restrict the number of candidates to be called for interview to a reasonable limit of desirable qualification and / or on the record of academic performance and / or relevant experience for the post prescribed in the advertisement as per the specific requirement of the Centre and /or any other benchmark decided by a committee constituted to screen the applications. The final selection of the candidate will be based on the candidate’s performance in the Interview and based on the selection committee’s recommendations. No correspondence will be entertained with candidates who are not called for Interview /not selected for appointment.
6. Canvassing in any form and / or bringing any influence, political or otherwise will be treated as disqualification of candidature. No interim correspondence / inquiry will be entertained.

7. Candidates working in Government / Public Sector undertakings / Autonomous bodies should upload 'No Objection Certificate' and to produce the requisite 'No Objection Certificate' from their employer at the time of Interview.
8. Director, INCOIS reserves the right to cancel the recruitment process at any stage, without assigning any reason thereof or vary the number of posts to be filled.
9. Director, INCOIS has the discretion to prescribe any method for recruitment i.e. Interview/written examination, prescribe minimum qualifying marks for Interview / written examination which can be increased or decreased at any stage without assigning any reason thereof.
10. Experience will be counted after completion of essential academic qualification(s). In addition (a) in case a candidate has obtained the mentioned degree while in service only his /her service period will be counted towards experience and he/she will not get any additional weight age in experience for acquiring Doctorate towards total period of experience. (b) A completed Doctorate degree will count as 3 years' experience.
11. Online application submitted without legible scanned copies of certificates / signature / photo will be summarily rejected.
12. No TA / DA will be paid by INCOIS for attending Interview. INCOIS will not be responsible for any accommodation arrangements.
13. Any discrepancies found in the certificate(s) will attract disqualification of application. Non-production of the original certificates mentioned in the application at the time of interview will also make the candidate disqualified. Candidates currently working in any other organization need to provide the proof of their current employment with a service/ experience certificate from the employer. Appointment order, pay slips, etc. will not be considered as proof of employment/experience or for any such claims made by the candidate in the online application.
14. Selected candidates may have to join the post immediately on being found medically fit by the appropriate Medical Authority.
15. Presently the posts carry usual allowances viz. DA, HRA, TA, LTC, Children Education Assistance, NPS, Medical facilities, Leave etc. as admissible from time to time as per INCOIS rules.
16. The posts are on permanent/regular basis and the period of probation for the direct recruitment posts of Scientist -B is two (02) years and Scientist – C is one (01) year.
17. The list of screened-in candidates and selected candidate(s) will be displayed at INCOIS website.
18. Any addendum/corrigendum etc. with regard to this recruitment will be displayed only on INCOIS website.
19. The crucial date for determining the age limit will be the closing date for receipt of online application from candidates.

#### **Instructions for submission of online application:**

- The entire application procedure is made ONLINE.
- Online application form & details of recruitment of the posts are available at <https://incois.gov.in/jobs/index.jsp>
- Before submitting the online application, the applicants are requested to go through carefully the details of the posts and content of the posts on the website at <https://incois.gov.in/jobs/index.jsp>
- Submit online application well in advance along with legible and scanned copies of educational qualification, experience certificates, date of birth, disability (OH, PH), Caste (SC/ST/OBC etc.) certificate, No objection certificate in PDF format not exceeding 500 KB for each document/attachment.

- If the certificates are in a language other than English or Hindi, then attested translation should be uploaded.
- A recent passport size colour **photograph (scanned) should be in .jpg format (size not exceeding 100 KB but not less than 10 KB).**
- Signature (scanned) should be in .jpg format (size not exceeding 100 KB but not less than 10 KB).
- **The applicants are advised to fill in all their particulars carefully in the online application. Incomplete, illegible or applications having discrepancies may lead to rejection and no representation against such rejection will be entertained.**
- **Applicants are advised to retain the acknowledgement and printout of the submitted online application for future reference.**
- Web pages are best viewed in Firefox, Chrome and Opera.
- In case of difficulty in the submission of online application form please email to [vacancies@incois.gov.in](mailto:vacancies@incois.gov.in).

Director, INCOIS  
Advt. No: INCOIS/RMT/03/2022