## CORRIGENDUM TO ADVERTISEMENT NO. PER/01/2021

### I] The NMM2021-006 Post code may be read as below:

<table>
<thead>
<tr>
<th>Post Code</th>
<th>NMM2021-006</th>
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</thead>
<tbody>
<tr>
<td>Name of the post</td>
<td>Project Scientist II (Development of extended range prediction system)</td>
</tr>
<tr>
<td>Number of post</td>
<td>02 Nos.</td>
</tr>
<tr>
<td>Essential Qualification</td>
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</tbody>
</table>
  - Master's Degree in Physics/ Mathematics/ Meteorology/ Oceanography/ Atmospheric Sciences with minimum 60% marks or Master's degree in Engineering or Technology from a recognized University or equivalent  
  - Three year experience of research in Atmospheric Science/Oceanography/Climate Sciences or allied fields |
| Desirable Qualification |  
  - Doctoral Degree in any of the above subjects.  
  - Good knowledge of climate processes and their representation in Models as indicated by research publications.  
  - Knowledge in programming languages (like FORTRAN-90, C/C++ etc); Shell scripting and meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc).  
  - Handling of a large volume of data and conversant with data format like NetCDF, HDF, GRIB, GrADS etc.  
  - Ability to work in large groups.  
  - Knowledge of UNIX/LINUX System Administration would be an added advantage.  
  - Expertise in AI/ML techniques relevant to weather and climate sciences |
| Job Responsibilities | The scientist will be working on model running and development of a system for extended range prediction using coupled models and modification as needed for monsoon prediction. |

### II] The NMM2021-007 Post code may be read as below:

<table>
<thead>
<tr>
<th>Post Code</th>
<th>NMM2021-007</th>
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<tbody>
<tr>
<td>Name of the post</td>
<td>Project Scientist II (Application development for agriculture, hydrology sectors)</td>
</tr>
<tr>
<td>Number of post</td>
<td>02 Nos.</td>
</tr>
<tr>
<td>Essential Qualification</td>
<td></td>
</tr>
</tbody>
</table>
  - Doctoral Degree in Meteorology/ Oceanography/ Atmospheric Sciences/ Physics/ Geophysics (Meteorology)/ Agriculture/Agricultural meteorology/ Hydrology/Hydrometeorology or Master’s degree in Engineering or Technology from a recognized University or equivalent.  
  - Three year experience of research in Atmospheric Science/Oceanography/Climate Sciences or allied fields. |
| Desirable Qualification |  
  - A good understanding about the role and usefulness of climate services in agriculture, hydrology, etc. The experience should be demonstrated through scientific reports/publications.  
  - Knowledge in programming languages (like FORTRAN-90, C/C++ etc); Shell scripting, GIS and meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc).  
  - Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB, GrADS etc.  
  - Ability to work in large groups.  
  - A good writing and communicating skill is needed.  
  - Knowledge of UNIX/LINUX System Administration would be an added advantage  
  - Expertise in AI/ML techniques relevant to weather and climate sciences |
<p>| Job Responsibilities | Scientist will be responsible for developing application for the use of agricultural, hydrology sectors. |</p>
<table>
<thead>
<tr>
<th>Post Code</th>
<th>NMM2021-007-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the post</td>
<td>Project Scientist II (Application development for wind energy/ solar power sectors)</td>
</tr>
<tr>
<td>Number of post</td>
<td>01 Nos.</td>
</tr>
</tbody>
</table>
| Essential Qualification | - A Masters Degree in Atmospheric Science/ Meteorology/ Oceanography/ Physics/Mathematics/Geophysics or B.E./B.Tech from a recognized University or equivalent with at least 60% marks.  
- Three years of experience of research in coupled ocean atmosphere modelling or decadal prediction or monsoon prediction or ocean modelling or climate variability and analysis or turbulence and fluid dynamics. |
| Desirable Qualification | - Doctoral degree in any of the above subjects.  
- A good understanding about the role and usefulness of wind energy, solar power etc. The experience should be demonstrated through scientific reports/publications.  
- Knowledge in programming languages (like FORTRAN-90, C/C++ etc); Shell scripting; GIS and meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc).  
- Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB, GrADS etc.  
- Ability to work in large groups.  
- A good writing and communicating skill is needed.  
- Knowledge of UNIX/LINUX System Administration would be an added advantage  
- Expertise in AI/ML techniques relevant to weather and climate sciences. |
| Job Responsibilities | Scientist will be responsible for developing application for the use of wind energy/solar power sectors. |

III ] Two new posts are added to Project Scientist –I under HPC2021-003  
TOTAL NO. OF PROJECT SCIENTIST –I POSTS ARE NOW 35 NOS. AND THE REVISED RESERVATIONS POINTS ARE [ OBC-09, SC-05, ST-02 & EWS-03]  

<table>
<thead>
<tr>
<th>Post Code</th>
<th>HPC2021-003</th>
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<tbody>
<tr>
<td>Name of the post</td>
<td>Project Scientist –I (For High Performance Computing Program)</td>
</tr>
<tr>
<td>Number of post</td>
<td>02 Nos.</td>
</tr>
</tbody>
</table>
| Essential Qualification | Master’s Degree in Science in Computer Science, Computer Application, Mathematics (including applied Maths and statistics), Physics and Meteorology with minimum 60% marks from a recognised University or equivalent.  
Or  
Bachelor’s Degree in Engineering or Technology with minimum 60% marks from a recognised University or equivalent. |
| Desirable Qualification | - 1 year experience in HPC systems administration or parallel programming.  
- Proven knowledge of basic programming (Fortran, C, C++) and Python or knowledge of various system tools and software used in HPC systems administration.  
- Experience in development of System software’s, tools and applications used in high performance computing environment would be desirable.  
- Prior experience on the development of AI/ML models, such as regression problems.  
- Good experience in development of parallel code in high level languages and/or in Python.  
- Experience on visualization software or development of visualization tools.  
- Knowledge of HPC Systems Administration would be an added advantage. |
| Job Responsibilities | - Development of parallel python routines for data analysis.  
- Development of tools for 3D visualization of large-scale data.  
- Porting and optimization of weather/climate forecasting models on latest supercomputers.  
- To work in the development and troubleshooting of various HPC applications-related issues.  
- To contribute in the development of AI/ML models. |
IV] FOR CAIPEEX POSTS CAIPEEX2021-001 TO CAIPEEX2021-007

For all posts under CAIPEEX the essential qualification whether Ph.D. or Master Degree will also include subject Meteorology / Atmospheric Sciences.

V] POST under DESK the following is mentioned:

DESK2021-008 – PROJECT ASSOCIATE- II
DESK2021-008 – TECHNICAL ASSISTANT

May be read as

DESK2021-008 – PROJECT ASSOCIATE- II
DESK2021-009 – TECHNICAL ASSISTANT

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