Applications from Indian nationals which will be renewed for the ICMR contractual digital infrared imaging system for screening and early detection of oral cancer: An exploratory pilot study InfraRed Imaging Laboratory (IRIL), Centre for Sensors, Instrumentation and Cyberphysical Systems Engineering (SeNSE), Indian Institute of Technology Delhi(IITD). The candidate will be working on “Machine learning based algorithms for point of care digital infrared imaging system for screening and early detection of oral cancer”. The position is contractual and renewable up to the completion of the project based on the candidate’s satisfactory performance, which will be renewed for every six months.

<table>
<thead>
<tr>
<th>Title of the Project</th>
<th>Design and development of a safe, portable, economical, non-invasive, Point of Care digital infrared imaging system for screening and early detection of oral cancer. An exploratory pilot study (RP04494G)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Agency</td>
<td>Indian Council of Medical Research (ICMR)</td>
</tr>
<tr>
<td>Name of the Project Investigator</td>
<td>Prof. Ravibabu Mulaeesala [email id: <a href="mailto:irilsenseeitd@gmail.com">irilsenseeitd@gmail.com</a>]</td>
</tr>
<tr>
<td>Dept./Centre</td>
<td>Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering</td>
</tr>
<tr>
<td>Duration of the Project</td>
<td>Upto: 14/03/2026</td>
</tr>
</tbody>
</table>

**Scientist C (Non-Medical)**  
- **Post (s)**: Consolidated Pay-slab / Fellowship  
- **Pay-slab**: Rs. 51,000/- p.m. plus HRA @ 30%  
- **Qualifications**:  
  1. 1st class Masters degree (in Computer Science, Artificial Intelligence, Biomedical Engineering, Image Processing, Electrical Engineering, Instrumentation Engineering or Biophysics) from a recognized University with 4 years experience in the above relevant subject. OR Ph.D degree followed by masters degree (in Computer Science, Artificial Intelligence, Biomedical Engineering, Image Processing, Electrical Engineering, Instrumentation Engineering or Biophysics) from a recognized University. Desirable: 1. Doctorate in related subject from a recognized university. 2. Additional post-doctoral research/teaching experience in relevant subject in recognized institute(s). 3. Knowledge and programming skills in various software—Python, Matlab etc. 4. Knowledge in co-ordination and conducting clinical research. Knowledge in regulating aspects & clinical research.  
  2. Essential Requirements: The candidate should have expertise in the field of infrared Imaging and processing of data for screening and early detection of oral cancer. Having experience in handling infrared imaging equipment and interpretation of thermograms. Good quality publications in the field of thermal/infrared non-destructive testing.

The candidates who are interested to apply for the above post should download Form No. IRD/REC-4 from the IRD Website (http://ird.iitd.ac.in/rec) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. by e-mail with advertisement No. on the subject line to Prof. Ravibabu Mulaeesala at email ID irilsenseeitd@gmail.com.
IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (http://ird.iitd.ac.in/shortlisted) along with the online interview details. Only short-listed candidates will be informed for online interview. In case any clarification is required on eligibility regarding the above post, the candidate may contact Prof. Ravibabu Mulaveesala at email ID:irilsenseiitd@gmail.com

5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति/अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है। एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा The last date for submitting the completed applications by e-mail is 07/08/2023 by 5.00 p.m.

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दिशाप्रदान

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards :
- Advertisement file :
- Prof. Ravibabu Mulaveesala, PI, Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering :
- Copy to Chairperson, DRC/CRC :

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit.

To put advertisement at IITD website.