

**CSIR-NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY**  
**Industrial Estate PO, Pappanamcode, Thiruvananthapuram- 695019**

**Advertisement No: PA/04/2020**

**LINK FOR ON-LINE APPLICATION WILL BE AVAILABLE FROM 09-10-2020, 5:30 PM**

<https://www.niist.res.in/english/category/careers/temporary-positions>

**CLOSING DATE OF ON-LINE APPLICATION: 19-10-2020, 5:30 PM**

**LAST DATE FOR RECEIPT OF HARD COPY OF THE ON-LINE APPLICATION: 27-10-2020 up to 5:30 pm**

Online Applications are invited from suitable candidates for filling up the following temporary positions in this institute:

Sl.No.	Post Code	Name of the Post	No.of Posts	Essential Qualification	Monthly Stipend (in Rupees)	Maximum Age limit (in years)
1	APTD -1	Project Associate - I	1	Master's degree in Chemistry from a recognized university or equivalent  <b>Desirable:</b> Expertise in isolation, purification, characterization and organic synthesis of bioactive molecules.	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii)25,000/- + 16% HRA for who do not fall under (i) above	35
2	APTD -2	Project Associate - I	1	Master's degree in Chemistry /Biochemistry/Zoology from a recognized university or equivalent	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
3	APTD- 3	Project Associate - I	1	Master's degree in Biochemistry/ Biotechnology from a recognized university or equivalent  <b>Desirable:</b> Expertise in isolation, purification, characterization and organic synthesis of bioactive molecules.	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii)25,000/- + 16% HRA for who do not fall under (i) above	35
4	APTD -4	Project Associate - I	2	B.Tech degree in Food Technology/Food Engineering/Food Process Engineering from a recognized university or equivalent  <b>OR</b>  Master's degree in Applied / Analytical Chemistry from a recognized university or equivalent.	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35

5	APTD-5	Project Associate – I	1	M.Sc in Food Technology/Food Science from a recognized university or equivalent	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
6	CSTD -1	Project Associate - I	1	Master's degree in Chemistry/Material Science/Nanotechnology from a recognized university or equivalent. <b>Desirable:</b> Experience in material synthesis and characterization	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
7	CSTD-2	Project Associate - I	1	Master's degree in Electronics from a recognized university or equivalent. <b>Desirable:</b> Hands on experience in fabrication and characterization of dye-sensitized solar cells/modules	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
8	CSTD- 3	Project Associate - I	1	Master's degree in Chemistry from a recognized university or equivalent. <b>Desirable:</b> Experience in inorganic phosphor material synthesis and their optical characterization	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
9	CSTD-4	Project Associate - I	1	Master's degree in Chemistry/Materials Science from a recognized university or equivalent. <b>Desirable:</b> Experience in material synthesis and characterization.	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
10	CSTD-5	Project Associate - I	4	M.Sc. in Physics from a recognized university or equivalent. <b>Desirable:</b> Experience in materials/device fabrication.	i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
11	CSDT -6	Project Associate - I	1	M.Sc in Chemistry from a recognized university or equivalent. <b>Desirable:</b> Experience in materials/device fabrication.	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35

12	CSTD-7	Project Associate - I	1	<p>Master's degree in Physics /Material Science from a recognized university or equivalent</p> <p><b>Desirable:</b> Experience in material synthesis / characterization.</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35
13	CSTD - 8	Project Associate - I	1	<p>M.Sc in Computer Science from a recognized university or equivalent</p> <p><b>OR</b></p> <p>B.E degree in Electronics/Computer Science Engineering from a recognized university or equivalent.</p> <p><b>Desirable:</b> Software development experience in artificial intelligence / data science / machine learning</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35
14	CSTD-9	Project Associate - I	2	<p>M.Sc degree in Chemistry from a recognized university or equivalent.</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35
15	CSTD -10	Project Associate - II	1	<p>Master's degree in Physics/Photonics/Optoelectronics from a recognized university or equivalent</p> <p><b>OR</b></p> <p>B. Tech degree in Electronics and Communication Engineering / Electronics Engineering from a recognized university or equivalent.</p> <p><b>Essential Experience:</b> 2 years of experience in optics / optical instrument design/ Raman spectroscopy and knowledge in LabVIEW/Matlab/embedded systems</p>	<p>(i)35,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 28,000/- + 16% HRA for who do not fall under (i) above</p>	35
16	CSTD -11	Senior Project Associate	1	<p>Master's degree in Physics/Chemistry/Material Science from a recognized university or equivalent with 4 years research experience</p> <p><b>OR</b></p> <p>PhD in Physics/Material Science/ Chemistry/Chemical engineering from a recognized university or equivalent</p>	<p>42,000+16%HRA</p>	40

				<b>Desirable:</b> Experience in Coatings/solar cell fabrication and characterization in both cases		
17	CSTD -12	Senior Project Associate	1	Ph.D in life Sciences from a recognized University or equivalent. <b>Desirable:</b> Experience on clinical sample analysis, mainly cancer biomarkers based on Raman spectroscopy	42,000+16%HRA	40
18	CSTD 13	Senior Project Associate	2	M.Sc degree in Chemistry from a recognized university or equivalent with 4-year research experience. OR Ph.D in Chemistry from a recognized university or equivalent. <b>Desirable:</b> Experience in fluorescent materials and related photophysics.	42,000+16%HRA	40
19	CSTD -14	Project Assistant	1	B.Sc in Physics from a recognized university or equivalent <b>Desirable:</b> Hands on expertise in dye sensitized solar cell fabrication and characterization	20,000/-+16%HRA	50
20	MSTD 1	Project Assistant	1	3 year Diploma in Mechanical Engineering <b>Desirable:</b> 2 years' experience	20,000+16%HRA	50
21	MSTD 2	Project Associate - I	1	M.Sc degree in chemistry from a recognized university or equivalent <b>Desirable:</b> Experience in beach sand mineral processing and its characterization	25,000+16%HRA	35
22	MSTD 3	Project Associate - I	1	B.E/B.Tech degree in Mechanical/ Metallurgy/ Materials Science/ Production/ Manufacturing / Design Engineering from a recognized university or equivalent <b>Desirable:</b> Valid GATE score / experience in metallic material processing	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
23	MSTD 4	Project Associate - I	1	MSc Physics/ Chemistry from a recognized university or equivalent with valid NET/GATE score	31,000/- + 16% HRA	35

24	MSTD 5	Project Associate - I	1	MSc in chemistry/ Polymer chemistry/ Polymer science/ Biopolymer science from a recognized university or equivalent  OR  B.E/B.Tech in Polymer/Plastic Engineering from a recognized university or equivalent	25,000+16% HRA	35
25	MSTD 6	Project Associate - I	4	B. Tech Chemical Engineering / Mechanical Engineering/ Ceramic from a recognized university  OR  M.Sc. Chemistry from a recognized university or equivalent	25,000+16% HRA	35
26	MSTD 7	Project Associate - II	1	B.E/ B. Tech in Aeronautical Engineering with two-year experience in industry/ Research & Development  <b>Desirable</b> : M.E/ M. Tech from a recognized university or equivalent	i)35,000/- + 16% HRA for who possess valid GATE score or ME/M.Tech  (ii) 28,000/- + 16% HRA for who do not fall under (i) above	35
27	MSTD 8	Project Associate –I	1	M.Sc. in Chemistry/Polymer chemistry/Polymer science/Biopolymer science from a recognized university or equivalent  OR  B.E/B.Tech in Polymer/Plastic Engineering from a recognized university or equivalent	25,000/-+16%HRA	35
28	MSTD 9	Technical Assistant	1	B.Sc. in Chemistry/Physics from a recognized university or equivalent  OR  3 year Diploma in Polymer/Plastics/Mechanical/Chemical engineering or technology	20,000/-+16% HRA	50
29	MSTD-10	Project Associate – II	1	M.Sc in chemistry/Polymer chemistry/Polymer science/Bio polymer science from a recognized university or equivalent with 2 year Industrial/Research experience  OR  B.E/B.Tech in Polymer /Plastic/Mechanical/Chemical engineering from a recognized university or equivalent with 2 year Industrial/Research experience	28,000/-+16%HRA	35

30	MSTD -11	Project Associate –I	2	M.Sc in chemistry/Polymer chemistry/Polymer science/Bio polymer science from a recognized university or equivalent	25,000/-+16% HRA	35
31	MSTD -12	Project Associate – II	1	M.Sc in chemistry/Polymer chemistry/Polymer science/Bio polymer science from a recognized university or equivalent with 2 year Industrial/Research experience OR B.E/B.Tech in Polymer /Plastic/Mechanical/Chemical engineering from a recognized university or equivalent with 2 year Industrial/Research experience	28,000/-+16%HRA	35
32	MSTD – 13	Technical Assistant	1	B.Sc Chemistry/Physics from a recognized university or equivalent OR 3 year Diploma in Polymer/Plastics/Mechanical/Chemical engineering or technology	20,000/-+16% HRA	50
33	MPTD 1	Project Associate - I	1	Master's degree in Biochemistry from recognized university or equivalent OR B.E/B.Tech in Biotechnology/ Biopharmaceutical Technology from a recognized university or equivalent	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
34	MPTD 2	Project Associate - I	1	Master's degree in Biotechnology/Microbiology from a recognized university or equivalent  <b>Desirable:</b> One-year research expertise in Microbial biotechnology	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35
35	MPTD 3	Project Associate - I	1	Master's degree in Biotechnology from a recognized university or equivalent  <b>Desirable:</b> One-year expertise in enzyme production/enzyme technology, and chromatography (HPLC)	(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score  (ii) 25,000/- + 16% HRA for who do not fall under (i) above	35

36	MPTD 4	Project Associate - I	2	<p>Master's degree in Biotechnology or Microbiology or Bioinformatics from a recognized university or equivalent.</p> <p><b>Desirable:</b> One year expertise in bacterial whole genome analysis, RNA sequence analysis and Metagenome analysis</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35
37	MPTD 5	Project Associate - I	2	<p>Master's degree in Microbiology / Biotechnology / Botany / Environmental Science from a recognized university or equivalent.</p> <p><b>Desirable:</b> Experience in isolation and identification of Soil / plant endophytic bacteria and secondary metabolites extraction and applications in agricultural crops</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35
38	MPTD 6	Project Associate - I	1	<p>Master's degree in Chemistry from a recognized university or equivalent.</p> <p><b>Desirable:</b> Expertise in isolation, purification, characterization, and organic synthesis of bioactive molecules</p>	<p>(i)31,000/- + 16% HRA for who possess valid CSIR-UGC NET score(including lectureship) or valid GATE score</p> <p>(ii) 25,000/- + 16% HRA for who do not fall under (i) above</p>	35

#### **General instructions**

- Age relaxation for SC/ST/OBC/Physically handicapped and female candidates as per GOI/CSIR Rules. The date for determining the upper age limit, qualification and experience will be the closing date of online application i.e. **19-10-2020**.
- The above posts are tenable till the duration of project.
- Candidates should submit separate application for each post indicating the Post Code. Incomplete and late application will not be considered. Bringing in any influence, political or otherwise shall disqualify the candidates.
- The duly constituted screening committee will adopt its own criteria for short-listing the candidates. The candidates should therefore, mention in the application all the qualification and experiences in the relevant area over and above the minimum prescribed qualification supported with documents.

#### **Mode of Selection**

- The shortlisted candidates will be called for ONLINE INTERVIEW. The date and time of online interview will be notified in our website [www.niist.res.in](http://www.niist.res.in) in due course.
- Interim enquiries will not be attended to.

#### **How to apply**

- Eligible candidates are required to apply on-line through CSIR-NIIST website <https://www.niist.res.in/english/category/careers/temporary-positions> only. No other mode of application will be accepted.
- On-line application link will be available from **09-10-2020, 5:30 pm to 19-10-2020, 5.30 pm**.
- **Print out of the computer generated application form (hard copy) duly signed** along with self-attested copies of qualification, experience, testimonials, community certificate etc, should be sent in an envelope super scribed "Application for the post of .....(Post code .....)" by post so as to reached **The Controller of Administration, CSIR-NIIST, Industrial Estate P.O, Pappanamcode, Thiruvananthapuram – 695019, Kerala on or before 5:30 pm on 27-10-2020**.
- In case of Universities/Institute awarding CGPA/SGPA/OGPA grades etc, candidates are requested to convert the same into percentage based on the formula as per their university/institute.
- Incomplete applications (i.e without self-attested testimonials, and other documents etc) will not be entertained and will be summarily rejected.

- Candidates should specifically note that the application received after the closing date for any reason whatsoever (such as envelope wrongly addressed, delivered elsewhere, postal delay etc) will not be entertained by CSIR-NIIST.

भारत सरकार के अनुदेशों के तहत निर्धारित पात्रता शर्तों को पूरा करने वाले विकलांग (पीडब्ल्यूडी) व्यक्तियों को ऑनलाइन इंटरव्यू में भाग लेने के लिए प्रोत्साहित किया जाता है । / **Persons with disabilities (PwD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.**

ह. / Sd/-  
प्रशासन नियंत्रक/**Controller of Administration**

\*\*\*\*\***END OF THE DOCUMENT**\*\*\*\*\*