<table>
<thead>
<tr>
<th>Title of the Project</th>
<th>Energy Conservative Approach Towards Sewage Water Treatment Integrated with Power Generation and Desalination Using Exoelectrogen and Algal Biocathode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Agency for the Project specimen</td>
<td>DST, WTI scheme</td>
</tr>
<tr>
<td>Project Positions and Number</td>
<td>Project Assistant &amp; 1 No.</td>
</tr>
</tbody>
</table>
| Qualification | Essential Qualification:  
B.Sc. in Microbiology (or) M.Sc in Microbiology (or) B.Tech in Biotechnology (or) M.E /M.Tech in Biotechnology / Chemical Engineering /Electrochemical Engineering or any other appropriate/relevant specialization  
Knowledge in the area of Wastewater Treatment using Microbial Fuel Cell / Bioelectrochemical system are preferred. |
| Emoluments | Rs. 20000/- + HRA as per Institute norms. |
| Duration | Two years / Based on fund availability |
| Job Description | a. Investigate the Sewage Water Treatment Integrated with Power Generation and Desalination Using Exoelectrogen and Algal Biocathode  
b. Compilation of Results  
c. Report Preparation and Presentation  
d. Selected candidate is eligible to register for Ph.D. as per institute norms. |

Other Instructions
A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.  
B. Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Principal Investigator through Registered/ Post.  
C. Application should be furnished only in the prescribed format.  
D. Experience including research, industrial field and others.  
E. Attested copies of degree/ certificate and experience certificate  
F. Candidates shall bring along with them the original certificates at the time of the interview for verification.  
G. Please note that no TA/DA is admissible for attending the interview.  
H. PI Can be reached through the mail (samsudeen@nitt.edu) with the subject marked as “Project Assistant- WTI DST 2022”  
I. PI Address for the correspondence.  
   Dr. N. Samsudeen,  
   Associate Professor, Department of Chemical Engineering, NIT, Tiruchirappalli-620015.  
J. The last date and time of submission of duly filled in application is 23.5.2024.
APPLICATION FOR THE POST OF RESEARCH ASSOCIATE / JRF / SRF / TECHNICAL STAFF

<table>
<thead>
<tr>
<th>Serial Number allotted to the Applicant</th>
<th>Paste here your recent passport size colour Photograph</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Signature of the Application Screening Committee</td>
<td>Chairman</td>
</tr>
</tbody>
</table>

APPLYING FOR THE POST OF RESEARCH ASSOCIATE / JRF / SRF / TECHNICAL STAFF

1. Name of the Candidate in full
2. Nationality
3. Mother Tongue
4. Date of Birth
5. Sex
6. Marital Status
7. Category
8. Address for communication with Mobile number and E Mail ID
9. Project Title
10. Name of the Post applied for
11. Advertisement Number with Date

Academic Career: Enclose photo copies of the qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPF from HSC onwards

<table>
<thead>
<tr>
<th>Name of Exam</th>
<th>School/University</th>
<th>Board/University</th>
<th>Broad subjects of study</th>
<th>Year of Passing</th>
<th>% of marks/GCPA</th>
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<tr>
<td>S.S.L.C</td>
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<td>H.S.C</td>
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<td>Graduation</td>
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<td>Post-Graduation</td>
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<tr>
<td>Any other</td>
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Enclose self-attested Xerox copies

12. GATE Score .............................................Subject
.........................................................Year.........................................................

13. NET Score
......................................................Subject.....................................................Year..............
........................................................

14. Work Experience, if any

<table>
<thead>
<tr>
<th>Organization</th>
<th>Designation</th>
<th>Duration</th>
<th>Nature of Job</th>
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</thead>
<tbody>
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<td>From</td>
<td>To</td>
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</tbody>
</table>

14. Previous Research work and publication, if any (enclose copies of published or unpublished work)

_________________________________________________________________________
_________________________________________________________________________
____________________________________

15. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

_________________________________________________________________________
_________________________________________________________________________

16. Reference

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone &amp; E Mail ID</th>
</tr>
</thead>
</table>

17. I do not have a relative among Faculty and Staff of the NIT, Trichy.

18. Declaration: I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date: Full signature of the Applicant

List of Enclosures: (1) (2) (3) (4)