



08-May 2021

Applications are invited from the eligible candidates (Indian nationals only) for the temporary positions in the School of Chemistry sponsored by **Institution of Eminence (IoE)**, University of Hyderabad (UoH), Hyderabad. The appointment will be for one year initially, and will be extended based on the performance every year until the end of the project.

S. No	Instrument Facility	Name of the position (Number of positions)	Consolidated emoluments per month*	Basic qualification and desirable experience**
1	NMR spectrometer	Research Associate (2)	₹ 30,000	<p><b>Basic degree:</b> M.Sc. (Chemistry or relevant field)</p> <p><b>Desirable experience:</b> Hands in running NMR instruments. The candidate should have adequate knowledge and experience on performing [<math>^1\text{H}</math>, <math>^{13}\text{C}</math>, other hetero nuclei including <math>^{31}\text{P}</math>, <math>^{19}\text{F}</math>, etc., DEPT, 2D experiments, variable temperature experiments, solid state NMR-MAS]. The candidate with experience (1-2 years) in running the NMR instruments would be given priority.</p>
2	X-ray diffractometer	Research Associate (1)	₹ 35,000	<p><b>Basic degree:</b> M.Sc. (Chemistry/Physics) with 2-3 years of experience</p> <p><b>Desirable experience:</b> The candidate should have basic knowledge of crystallography including solving structures from the data obtained from the single crystal X-ray diffraction pattern. The candidate should have experience in handling the single crystal X-ray machine. The candidate should be ready to take additional administrative responsibility in purchasing various spare-parts for the instrument etc. In addition, the candidate should have some experience in trouble-shooting and solving the problem for the smooth functioning of the instrument.</p>
3	M.Sc. laboratory	Laboratory Technician (2)	₹ 20,000	<p><b>Basic degree:</b> B.Sc. (Chemistry)</p> <p><b>Desirable experience:</b> The candidate should have adequate expertise in assisting and running chemistry practical (analytical, inorganic, organic). The candidate should be able to help and make necessary arrangements for running the laboratory courses mentioned above. The candidate should be able to maintain the laboratory premises clean and has technical knowledge in</p>



				maintaining the minor equipment like stirrers, heating mantles, thermostat, and etc. Some knowledge in maintaining the water filter units would be given priority.
4	M.Sc. laboratory	Computer lab research assistant (1)	₹ 30,000	<p><b>Basic degree:</b> M.Sc. (Chemistry/Physics or a relevant field)</p> <p><b>Desirable experience:</b> Skilled in Linux OS, Fortran programing, bash/python script and computer hardware maintenance.</p>
5	M.Sc. laboratory	Laboratory research associate (1)	₹ 35,000	<p><b>Basic degree:</b> M.Sc. (Chemistry) with 2-3 years of experience</p> <p><b>Desirable experience:</b> The candidate should have adequate experience in running M.Sc. practical (analytical, inorganic, organic). The candidate should be able to make necessary arrangements for running the laboratory courses mentioned above. The candidate should have good communication skill, experience in literature search, and would be able to help the concerned faculty in the smooth implementation of new experiments. An experience certificate and recommendation letter would be given serious consideration. The candidate would be able to take additional administrative responsibility in purchasing chemicals, glassware, minor equipment etc.</p>
6	Microscope facility	Microscope facility senior project associate (1)	₹ 50,000	<p><b>Basic degree:</b> Ph.D. (Chemistry/Physics)</p> <p><b>Desirable experience:</b> The candidate should have adequate experience in running different sophisticated microscope facilities such as: TEM, FESEM, Raman, AFM, and FILM and ability to maintain these facilities. The candidate should have the potential to train the students, to coordinate meetings among the teams, and routinely monitor the smooth functioning of instruments. The candidate should be able to take additional administrative responsibility. The candidate having the experience certificate and recommendation letter would be given serious consideration.</p>
7	Microscope facility	Microscope project assistant (1)	₹ 30,000	<p><b>Basic degree:</b> B.Sc./B.Tech. (electronic/computer science)</p> <p><b>Desirable experience:</b></p>



				Hands on running different sophisticated microscope facilities, such as: FESEM, Raman etc. The candidate with adequate experience (2-3 years) in running the microscopy instruments would be given priority.
8	HRMS facility	HRMS project associate (1)	₹ 35,000	<p><b>Basic degree:</b> M.Sc. (Chemistry or a relevant field) with 2-3 years of experience</p> <p><b>Desirable experience:</b> The candidate should have adequate experience in running HRMS and the related instruments of Mass/CHN analysis. The candidate with experience (2-3 years or more) in running the mentioned instruments would be given priority. An experience certificate and recommendation letter would be given serious consideration. The candidate should be able to take additional administrative responsibility in purchasing various spare-parts for the instrument etc. In addition, the candidate has some experience in trouble-shooting and solving the problem for the smooth functioning of the instrument.</p>
9	Gas adsorption/ TGA/DLS/IR/ GC-MS	Project associate (1)	₹ 35,000	<p><b>Basic degree:</b> M.Sc. (Chemistry or a relevant field) with 2-3 years of experience</p> <p><b>Desirable experience:</b> The candidate should have adequate experience to handle gas-cylinders, understanding inert atmosphere and aerial atmosphere, making pellets for IR instruments, changing columns in GC, maintaining UPS, and some knowledge of computer software. An experience certificate and recommendation letter would be given serious consideration. The candidate would be able to take additional administrative responsibility in purchasing spare parts, cylinders and other minor equipment.</p>
10	Overall maintenance of instrumental facility of the school	Project associate (1)	₹ 35,000	<p><b>Basic degree:</b> Bachelor degree in engineering (instrumentation/electronics with 2-3 years experience)</p> <p><b>Desirable experience:</b> The candidate should have experience in smooth functioning, trouble-shooting, and maintaining various analytical instruments and related accessories (AC, UPS and vacuum pumps, etc.). The candidate should routinely monitor and check the smooth functioning of instruments. The candidate should be able to</p>



				take additional administrative responsibility. Experience certificate and recommendation letter would be given serious consideration.
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\* No other benefits will be provided.

\*\* The candidate should be flexible in taking additional duties allocated by the Dean and the instrument in-charge as and when it is required. The candidate should be able to speak in English / Hindi to communicate with users.

### Instructions for application:

1. Interested candidates can send their **detailed Resume (hardcopy) along with the filled-in Form-B** (attached) citing communication address, email id, contact no., educational qualifications with marks, research experience etc. with self-attested copies of certificates/testimonials affixing a passport size photograph by speed post to:

*Dean, School of Chemistry, University of Hyderabad, Prof. C.R. Rao Road, Central University P.O., Gachibowli, Hyderabad, PIN – 500046.*

Last date of receipt of completed application: **28-05-2021, 5.00 PM.**

Email: [deansc@uohyd.ac.in](mailto:deansc@uohyd.ac.in) / [manjusharma@uohyd.ac.in](mailto:manjusharma@uohyd.ac.in)

2. Applicants should note that **appointment to be made is purely temporary** and hence the candidate has no right to claim for any regular appointment in the University.
3. Short-listing criteria as per the rule of the University will be followed strictly to call candidates for the interview.
4. **Only short-listed applicants, communicated through emails**, will be called for an **interview tentatively** in the 1st week of June, 2021. Selected candidates should join the position within 30 days of the date of appointment letter.
5. No TA/DA will be paid for attending the interview or at the time of joining the position, if selected. **The candidates may be required to appear for an online interview due to the Covid-19 issues.**
6. Important note: In any case, the rules of IoE, UoH will be strictly followed. The Institute reserves the right to cancel the recruitment without assigning any reason thereof.

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Dean  
School of Chemistry