



BITS Pilani

Pilani | Dubai | Goa | Hyderabad | Mumbai
Research & Innovation

ONE PhD Scholar Position

Flexible Antenna for Tumor Detection

**Pilani Campus | Deadline: 15 Oct 2023 |
Joining: At the earliest**

Date: 04 Oct., 2023

Applications are invited for **ONE** position of PhD Scholar on project, “*Development of 2D Material Based Microwave Imaging Flexible Antenna for Solid Tumor Detection: A Non-Invasive Diagnostic/Theranostic approach*” under the supervision of **Prof.Navneet Gupta**, Department of Electrical and Electronics Engineering and **Prof PR Deepa**, Department of Biological Sciences, BITS-Pilani, Pilani Campus.

Deserving candidates check the eligibility criteria and qualification process of the PhD program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>).

Scope of work	Essential Qualification	Desirable Qualification
Student will be required to design, develop and test the Microwave Imaging Flexible Antenna for Solid Tumor Detection.	M.E/M.Tech in (Communication/Microelectronics/Biomedical Instrumentation Engineering) or equivalent, M.Sc. (Electronics) or equivalent with minimum of 60% (CGPA 6.0/10)	NET/GATE Qualified and Hands-on experience of HFSS/CST or similar tools.

Fellowship: ₹37,000 - ₹42,000 per month (based on the year of PhD and performance)

Duration: As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

Place of work: BITS Pilani, Pilani Campus, Pilani, Rajasthan

Application process: Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using this form

- Please provide a Google form link: <https://forms.gle/wDhZqvEdSUpeuUKu8>
- Deadline: 15 October 2023

Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail for interview. No TA/DA will be provided in case of personal interview. For more details, please contact:

Prof.Navneet Gupta,
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