

Dept of Electronics and Communication Engineering, IIT Roorkee
Important Instructions for the Shortlisted Candidates to Submit SOP essential for
the Interview.

The last date to fill SOP by 7th May 2024

For any query email: drc-office@ece.iitr.ac.in, with CC to drc@ece.iitr.ac.in

Statement of Purpose (SOP):

Candidates are requested to submit a Statement of Purpose (SOP) via Online Form provided in the respective specialization shortlist. SOP should describe research interest and background related to broad specialization of the department for which the candidate is shortlisted. ***If, an applicant is shortlisted in more than one specialization of ECE department, he/she must submit SOP form separately for each specialization. The candidates should check his/her name in all the specialization-wise shortlisted files link uploaded on the ECE dept website. The links to SOP forms are provided in the corresponding specialization shortlist. The broad research specializations in ECE department are:***

- (i) Microelectronics & VLSI (MEV)***
- (ii) RF and microwave engineering (RFM)***
- (iii) Communication, Signal processing and Networking (CSN)***
- (iv) THz Engineering (THz)***
- (v) Smart Electronics Systems and Sensors (SESS)***

In order to prepare SOP, it is expected that candidate will mention/highlight his/her motivation for opting research area, relevant technical background (e.g. ME/M Tech/BTech dissertation work in the concerned area or any other work done), and any experience to carry out research in the proposed area or any specific research problem the candidate is interested to investigate further. The SOP should have **minimum 350 words with maximum limit of 750 words. The candidate should submit SOP Online Form (link provided in the respective specialization shortlist)**

Duration of interview: Normal circumstances, each candidate will be given Approx. 20 minutes. The candidate is expected to have sound fundamentals in basic ECE and in the field of interest, and will be asked to introduce themselves and talk about the interests, motivation for opting research area, any relevant technical background (e.g. ME/M Tech/BTech dissertation work in the concerned area or any other work done), and any experience to carry out research in the proposed area or any specific research problem the candidate is interested to investigate further.