

Post-Doctoral Certificate Course in Advanced Hematology

The course is designed to provide experience with advanced hematology techniques including immunoassays, coagulation assays, hemoglobin electrophoresis, immunohematology, flowcytometry.

COURSE DURATION: Six months

ELIGIBILITY CRITERIA: MD or DNB in Pathology. The degree should have been obtained from a recognized institution. There is no age limit.

NUMBER OF SEATS: **ONE** per session

COURSE CURRICULUM: The following areas will be covered as part of the training over a period of 5 months

- a) Flowcytometry - as applied to hemato-oncology and non-neoplastic conditions.
- b) Capillary electrophoresis for detection and categorization of abnormal hemoglobins.
- c) Immunohematology
- d) Coagulation assays for bleeding and hypercoagulable states
- e) Quality control and laboratory automation

ELECTIVE POSTINGS – The candidate can select any two elective postings each for a period of 15 days

- a) Molecular Hematology
- b) Cytogenetics and FISH
- c) Immunohematology (external posting at a blood bank)

Majority of theoretical knowledge will be through self-learning, though part of it would also be through interaction with laboratory staff. Practical knowledge will be through observation and one-to one interaction. Additional knowledge will be through the institution's planned teaching programs.

SELECTION OF CANDIDATES:

- a) Through direct interview following screening of the application and bio-data of the applicant in case there are three or less number of applicants.

b) Written exam (objective type) followed by interview of qualified candidates in case there are more than three applicants

LAST DATE FOR APPLICATION:

March 30th for May session

September 30th for November session

Date: Course begins on first working day of May and November

Venue:

Neuberg Anand Academy of Laboratory Medicine

Anand Tower, 54, Bowring hospital road,

Shivajinagar, Bangalore -560001

For further information, contact: **Dr. N Jayaram (Course Director)**

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