

6. COURSES OF INSTRUCTIONS

The Institute provides facilities for training the students in Sugar Technology, Sugar Engineering, Industrial Fermentation and Alcohol Technology, etc. **AGE LIMIT FOR ALL COURSES :- 35 years (Maximum) as on 31.7.2010. Candidates born on or after 31.7.75 only will be considered**

The details of the courses of study are given below:-

Course	Duration	Minimum Qualification		No. of Seats						Scope
		Academic	Experience	General	Scheduled Castes	Scheduled Tribes	Rural	Defence	Total	
Post Graduate Diploma Course of Associate ship of National Sugar Institute in Sugar Technology ANSI(S.T.)	Two and half academic years (Academic year is from 1st July to 31st May.)	B.Sc. with Chemistry, Physics and Mathematics Or Bachelors Degree in Chemical Engineering having secured minimum 45% marks in aggregate. In case of Scheduled Castes/Scheduled Tribes candidates minimum marks shall be 40%.	----	35	09	03	11	02	60	Diploma holders of this course are appointed to the posts of Manufacturing Chemist, Lab Incharge, Chief Chemist, Technologists etc. in Sugar Industry & other deptt. dealing with sugar including N.S.I.
Post Graduate Diploma Course of Associate- ship of National Sugar Institute in Sugar Engineering ANSI(SE)	One and half academic years (Academic year is from 1st July to 31st May.)	Degree in Mechanical or Electrical or Production or Electrical & Electronics Engineering or Mechanical Technology or equivalent qualification.	-----	14	04	01	05	01	25	Diploma holders of this course are appointed to the posts of Astd.Engr.Chief Engr., Production Engineer etc in Sugar Industry & other Depts. dealing with sugar and sugar machinery including N.S.I.

Post Graduate Diploma Course in Industrial Fermentation and Alcohol Technology DIFAT	One academic year followed by 4 months practical training in a distillery or brewery.	B.Sc. with Chemistry as one of the subject.	One year experience in a distillery or brewery as on 15.3.2010 on any Technical Post from the date of issue of final year B.Sc. mark sheet alongwith nomination.	14	04	01	05	01	25	Diploma holders of this course are appoint-ed to the posts of Supervisory Chemist, Chief Chemist, Works Manager, Distillery Manager etc. in distilleries, breweries & other fermentation Industries.
Certificate Course in Sugar Engineering SECC	Two off-seasons (July-November).	Diploma in Mechanical or Electrical or Production or Electrical & Electronics Engineering or Mechanical Technology or equivalent qualification of a recognized technical School/ College or Polytechnic.	Nomination from a vacuum pan sugar factory is required	8	2	1	3	1	15	This course is for those undergraduate engineers who have experience of work in sugar factories to enable them to hold higher positions.
Certificate course in Sugar Boiling SBCC	One off-season (July-November) followed by FIVE months practical training from December to April in a sugar factory.	Matriculate/ High School with Science/ Agriculture.	One season experience in sugar boiling in a vacuum pan sugar factory from the date of issue of matriculation/High School mark sheet alongwith nomination.	29	8	3	8	2	50	The certificate holders are eligible for the posts of Panman, Head Panman, Laboratory Chemist, etc., in sugar factories.
Certificate Course in Pre-harvest Cane Maturity Survey PHCMS	One and half months (15th October to 30th November).	Intermediate with Science/ Agriculture or equivalent,	Two years experience as on 15.3.2010 in a sugar factory laboratory or field work after the date of issue of inter-mediate marks-sheet alongwith nomination..	9	1	1	1	1	13	The certificate holders can be appointed to the posts of Supervisor, Inspector etc., in cane departments of sugar factories.