

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above (10)

Year -1						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Theory of Pressure Vessel Design	MG-01	2014	1	35 hrs	49	17
Year 2						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Essence of Materials Science	MG-02	2015	1	60 hrs	66	22
Year 3						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Year 4						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year

1/2

Singh 13.08.2020

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Linear Control Systems Theory	EG-13	2017	1	48 hrs	16	6
Natural Circulation Based Passive Safety Systems for	MG-03	2017	1	48 hrs	12	6
Nuclear Fuels and Fuel Cycle	MG-04	2017	1	48 hrs	65	36
Year 5						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
State - space approach to reactor control	EG-01	2018	1	48 hrs	13	6
Natural Circulation based passive safety system for advanced reactor	M-G03	2018	1	48 hrs	9	5
Advanced computational physics	PY705	2018	1	35 hrs	20	20

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2/2

Continuing Education Programme (CEP) at HRDD: QUEST

HRDD is responsible for organizing QUEST under Continuing Education Programme of the Department. QUEST is a novel programme, which offers an opportunity for HBNI PhD students and for employees of DAE units located in Mumbai and Navi Mumbai to upgrade their knowledge on advanced level courses approved by BOS (Board of Studies) of HBNI. It thus helps provide a knowledge transfer platform where state-of-the-art knowledge and rare hands-on experience of the some of the experts of DAE are shared with the younger generation of budding scientists and technologists of the Department. HRDD has been successfully running the QUEST by proposing, executing and completing many advanced courses for over the years.

The QUEST courses are conducted either in the morning or in the evening hours beyond the normal office hours. They are roughly 30-session courses of one-and-a-half hour each. All the sessions are held at HRDD, Anushaktinagar with a normal frequency of two sessions per week.



Prof. C. Ganguly, Distinguished Professor, PDPU Gandhinagar and Ex-CE, NFC

Details of the courses offered and successfully completed during the current year are summarized below:

S.No.	Course Title	Coordinator/Faculty	No. of Students Registered	No. of Candidates Appeared in exam
1	Linear Control Systems Theory	Dr. A.P. Tiwari OS & Head, HRDD and RCSDS	16	6
2	Natural Circulation Based Passive Safety System for Advanced Reactor	Dr. P.K. Vijayan RRF, formerly Director, RD&DG, BARC	12	6
3	Nuclear Fuels and Fuel Cycle	Dr. C. Ganguly Distinguished Professor, PDPU Gandhinagar and Ex-CE, NFC	65	36

Certificates are issued by HRDD to the participants scoring an aggregate of 50% or more marks. As per the guidelines, aggregate score is arrived at by awarding a minimum of 60% weightage to written examination(s) while limiting the home assignments (Continuous evaluation) weightage to 40%.