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## **1.2 Academic Flexibility**

### **METRIC NO.:- 1.2.1**

1.2.1 QnM: Number of Add on /Certificate/Value added programs offered during the last five years

1.2.2 QnM: Percentage of students enrolled in Certificate/ Add- on/Value added programs as against the total number of students during the last five years

<b>Year</b>	<b>2021-22</b>	<b>2020-21</b>	<b>2019-20</b>	<b>2018-19</b>	<b>2017-18</b>	<b>Total</b>
<b>No. of Certificate courses offered</b>	<b>21</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>40</b>
<b>Total no. of student enrolled</b>	<b>216</b>	<b>92</b>	<b>151</b>	<b>290</b>	<b>200</b>	<b>1027</b>
<b>Total No. Student completed</b>	<b>172</b>	<b>72</b>	<b>138</b>	<b>290</b>	<b>197</b>	<b>947</b>



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Sr No.	Name of course	Link
1	Quality by Design approach for formulation development	<a href="https://pjlc.edu.in/assets/QUALITY%20BY%20DESIGN%20APPROACH%20FOR%20FORMULATION%20DEVELOPMENT%20Course.pdf">https://pjlc.edu.in/assets/QUALITY%20BY%20DESIGN%20APPROACH%20FOR%20FORMULATION%20DEVELOPMENT%20Course.pdf</a>
2	Clinical research and development	<a href="#">Clinical research add on course 1.2.1 cycle II.pdf</a>
3	Gandhi Vichar Sanskar Pariksha 2021-22	<a href="http://www.gandhifoundation.net/aim-format-exam.html">http://www.gandhifoundation.net/aim-format-exam.html</a>
4	Computer aided drug design	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
5	Nanobiomedicine	<a href="https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png">https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png</a>
6	Professional ethics and sustainability	<a href="https://onlinecourses.swayam2.ac.in/ntr19_ge06/preview">https://onlinecourses.swayam2.ac.in/ntr19_ge06/preview</a>
7	Instructional planning and delivery	<a href="https://onlinecourses.swayam2.ac.in/ntr19_ge07/preview">https://onlinecourses.swayam2.ac.in/ntr19_ge07/preview</a>
8	Student assessment and evaluation	<a href="https://onlinecourses.swayam2.ac.in/ntr19_ed16/preview">https://onlinecourses.swayam2.ac.in/ntr19_ed16/preview</a>
9	Creative problem solving, innovation and meaningful R&D	<a href="https://onlinecourses.swayam2.ac.in/ntr19_ge08/preview">https://onlinecourses.swayam2.ac.in/ntr19_ge08/preview</a>
10	Fundamentals of Digital Marketing- Google digital unlocked	<a href="https://learndigital.withgoogle.com/digitalunlocked/course/digital-marketing">https://learndigital.withgoogle.com/digitalunlocked/course/digital-marketing</a>
11	Introduction to data science SkillUP	<a href="https://in.skillup.online/courses/introduction-to-data-science/">https://in.skillup.online/courses/introduction-to-data-science/</a>
12	ISO/IEC 27001 Information Security Associate	<a href="https://www.linkedin.com/posts/sourav-paul-419b15180_isoiec-27001-information-security-associate-activity-6955930732003229696-CP20">https://www.linkedin.com/posts/sourav-paul-419b15180_isoiec-27001-information-security-associate-activity-6955930732003229696-CP20</a>
13	Microsoft AI series	<a href="https://news.microsoft.com/en-in/tag/ai-classroom-series/">https://news.microsoft.com/en-in/tag/ai-classroom-series/</a>
14	Covid 19 training for healthcare workers - Coursera -Stanford Online	
15	Google ads creative Certification - Google digital garage	<a href="https://skillshop.exceedlms.com/student/path/453973-google-ads-creative-certification">https://skillshop.exceedlms.com/student/path/453973-google-ads-creative-certification</a>
16	Six sigma (Short Course) - Oxford home study center	<a href="https://www.oxfordhomestudy.com/courses/project-management-courses-online/six-sigma-free-courses">https://www.oxfordhomestudy.com/courses/project-management-courses-online/six-sigma-free-courses</a>
17	Cyber Security Fundamentals IBM skill buds	<a href="https://www.ibm.com/training/badge/cybersecurity-fundamentals">https://www.ibm.com/training/badge/cybersecurity-fundamentals</a>
18	Google Analytics for Power User	<a href="https://www.classcentral.com/course/google-analytics-for-power-users-98264">https://www.classcentral.com/course/google-analytics-for-power-users-98264</a>
19	Getting Started with Google Analytics 360	<a href="https://analytics.google.com/analytics/academy/course/8">https://analytics.google.com/analytics/academy/course/8</a>
20	Building a Breast Cancer Prediction Model	<a href="https://www.coursera.org/projects/breast-cancer-prediction-using-machine-learning">https://www.coursera.org/projects/breast-cancer-prediction-using-machine-learning</a>
21	Build your AI Virtual Agent Engine	
22	Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	<a href="https://onlinecourses.nptel.ac.in/noc19_cy29/preview">https://onlinecourses.nptel.ac.in/noc19_cy29/preview</a>
23	Fundamentals of digital marketing- Google	<a href="https://learndigital.withgoogle.com/digitalunlocked/course/digital-marketing">https://learndigital.withgoogle.com/digitalunlocked/course/digital-marketing</a>



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	digital unlocked	
24	CSIR- Summer Research Training Program	<a href="https://iiim.res.in/csir-summer-research-trainingprogramcsir-srtp2020-online/">https://iiim.res.in/csir-summer-research-trainingprogramcsir-srtp2020-online/</a>
25	Molecular Docking	<a href="https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png">https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png</a>
26	Clinical research	<a href="https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png">https://pjlc.edu.in/img/Internship%20day%202021%20All%20India%20Ranking%20Certificate.png</a>
27	Technology enabled learning and lifelong self learning	<a href="https://onlinecourses.swayam2.ac.in/ntr19_ed15/preview">https://onlinecourses.swayam2.ac.in/ntr19_ed15/preview</a>
28	Communication skills and knowledge dissemination	<a href="https://online-degree.swayam2.ac.in/ntr21_c03_s1_ed03/preview">https://online-degree.swayam2.ac.in/ntr21_c03_s1_ed03/preview</a>
29	Psychology of stress, health and wellbeing	<a href="https://onlinecourses.nptel.ac.in/noc21_hs29/preview#:~:text=Overall%2C%20this%20course%20systematically%20addresses,positive%20side%20of%20human%20behavior">https://onlinecourses.nptel.ac.in/noc21_hs29/preview#:~:text=Overall%2C%20this%20course%20systematically%20addresses,positive%20side%20of%20human%20behavior</a>
30	Gandhi Vichar Sanskar Pariksha 2019-2020	<a href="http://www.gandhifoundation.net/aim-format-exam.html">http://www.gandhifoundation.net/aim-format-exam.html</a>
31	Life long learning and extension	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
32	Surgical and laboratory techniques in preclinical pharmacology	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
33	Introduction to research-SWAYAM NPTEL	<a href="https://onlinecourses.nptel.ac.in/noc19_ge21/preview">https://onlinecourses.nptel.ac.in/noc19_ge21/preview</a>
34	Gandhi Vichar Sanskar Pariksha 2018-2019	<a href="http://www.gandhifoundation.net/aim-format-exam.html">http://www.gandhifoundation.net/aim-format-exam.html</a>
35	Life long learning and extension	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
36	Deminar on HPTLC	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
37	Influence of micromeritics properties on dissolution and absorption of drug	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
38	Gandhi Vichar Sanskar Pariksha 2017-2018	<a href="http://www.gandhifoundation.net/aim-format-exam.html">http://www.gandhifoundation.net/aim-format-exam.html</a>
39	Life long learning and extension	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>
40	Rheological Characterization of semisolids and its application in dosage form design	<a href="https://pjlc.edu.in/events">https://pjlc.edu.in/events</a>



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**Total number of students enrolled:**

S.N.	Name of course	Number of students
1	Quality by Design approach for formulation development	50
2	Clinical research and development	60
3	Gandhi Vichar Sanskar Pariksha 2021-22	42
4	Computer aided drug design	2
5	Nanobiomedicine	42
6	Professional ethics and sustainability	2
7	Instructional planning and delivery	2
8	Student assessment and evaluation	2
9	Creative problem solving, innovation and meaningful R&D	2
10	Fundamentals of Digital Marketing- Google digital unlocked	1
11	Introduction to data science SkillUP	1
12	ISO/IEC 27001 Information Security Associate	1
13	Microsoft AI series	1
14	Covid 19 training for healthcare workers - Coursera -Stanford Online	1
15	Google ads creative Certification - Google digital garage	1
16	Six sigma (Short Course) - Oxford home study center	1
17	Cyber Security Fundamentals IBM skill buds	1
18	Google Analytics for Power User	1
19	Getting Started with Google Analytics 360	1
20	Building a Breast Cancer Prediction Model	1
21	Build your AI Virtual Agent Engine	1
22	Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	1
23	Fundamentals of digital marketing- Google digital unlocked	1
24	CSIR- Summer Research Training Program	1
25	Molecular Docking	42
26	Clinical research	42
27	Technology enabled learning and lifelong self learning	2
28	Communication skills and knowledge dissemination	2
29	Psychology of stress, health and wellbeing	1



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30	Gandhi Vichar Sanskar Pariksha 2019-2020	47
31	Life long learning and extension	53
32	Surgical and laboratory techniques in preclinical pharmacology	50
33	Introduction to research-SWAYAM NPTEL	1
34	Gandhi Vichar Sanskar Pariksha 2018-2019	66
35	Life long learning and extension	58
36	Deminar on HPTLC	108
37	Influence of micromeritics properties on dissolution and absorption of drug	58
38	Gandhi Vichar Sanskar Pariksha 2017-2018	104
39	Life long learning and extension	49
40	Rheological Characterization of semisolids and its application in dosage form design	47

**All the above documents are certified**