

**HEI Response to the DVV Findings****Criteria Number: 1****Criteria Name: Curricular Aspects****Sub criteria Number: 1.3.2****Sub-criteria Name: Curriculum Enrichment**

With reference to the DVV findings received dated 8<sup>th</sup> December 2023 for sub-criteria 1.3.2, Kindly refer to the pages and links below. The size of the data file is larger than the limit of 5 MB, hence the links are provided.

- List of add on/certificate/value added program/Diploma Programs/ online programs like MOOCS/SWAYAM/e Patashala / NPTEL etc. which are optional and offered outside the curriculum of the programs signed by competent authority. Please see page 2 of this document or [click here](#).
- For Brochure, Course content or syllabus along with course and Course completion certificate Please click the Link:  
[https://www.vit.edu/images/NAAC\\_CYCLE\\_III/criteria1/1\\_3\\_2/1\\_3\\_2\\_Summary\\_Sheet.pdf](https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_Summary_Sheet.pdf)
- Please refer to page no. 3 of the document.
- In the 3<sup>rd</sup> column of the table provided on page 3, all the Notice / Brochure, course contents / syllabus are presented department-wise.
- In the 5<sup>th</sup> column, Course completion certificates are presented department-wise.
- Following table summarizes the data required in clarification:

Sr. No.	Name of the BoS	Notice for Certificate course with course modules and outcomes (column 3)	Evidence of course completion (Course completion certificate / Report card) (column 5)
1	Chemical Engineering	<a href="#">Click Here 01</a>	<a href="#">Click Here 03</a>
2	Computer Engineering	<a href="#">Click Here 04</a>	<a href="#">Click Here 06</a>
3	Electronics Engineering	<a href="#">Click Here 07</a>	<a href="#">Click Here 09</a>
4	Electronics and Telecommunication	<a href="#">Click Here 10</a>	<a href="#">Click Here 12</a>
5	Department of Engineering Science and Humanities (First Year common)	<a href="#">Click Here 13</a>	<a href="#">Click Here 15</a>
6	Industrial Engineering	<a href="#">Click Here 16</a>	<a href="#">Click Here 18</a>
7	Information Technology	<a href="#">Click Here 19</a>	<a href="#">Click Here 21</a>
8	Instrumentation Engineering	<a href="#">Click Here 22</a>	<a href="#">Click Here 24</a>
9	Mechanical Engineering	<a href="#">Click Here 25</a>	<a href="#">Click Here 27</a>
10	Production Engineering	<a href="#">Click Here 28</a>	<a href="#">Click Here 30</a>
11	Master of Computer Applications	<a href="#">Click Here 31</a>	<a href="#">Click Here 33</a>
12	Artificial Intelligence and Data Science	<a href="#">Click Here 34</a>	<a href="#">Click Here 36</a>

Dean – Academics



Chairman – Academic Board



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1.3.2 List of certificate/ value added courses/ Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL etc. which are optional and offered outside the curriculum of the programs signed by competent authority where the students of the institution have enrolled and successfully completed during the last five year

Sr. No.	Name of the course/programme	Course /programme Code (if any)	Mode of the Course-offered by the HEI or Online (Specify the platform like MOOCs, SWAYAM, etc.)	Year of offering /Year of enrolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year	Link to the relevant document
1	Google Cloud career readiness	CS	Google	2022-23	50	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_001_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_001_Computer.pdf</a>
2	Google Cloud career readiness Associate Cloud Engineer track	CS	Google	2022-23	50	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_002_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_002_Computer.pdf</a>
3	Data Science Methodology	CS	Coursera	2022-23	100	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_003_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_003_Computer.pdf</a>
4	The Complete 2023 Web Development Bootcamp	CS	Udemy	2022-23	66	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_004_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_004_Computer.pdf</a>
5	The Fundamentals of Digital Marketing	CS	Google Digital Garage	2022-23	40	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_005_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_005_Computer.pdf</a>
6	Accelerated Computer Science Fundamentals	CS	Coursera	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_006_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_006_Computer.pdf</a>
7	The Comprehensive Android App Development Masterclass	CS	Udemy	2022-23	49.5	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_007_Computer.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_007_Computer.pdf</a>
8	Advance Automobile Design (TTL)	ME	Tata Technologies	2022-23	40	100	86	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_008_Mech.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_008_Mech.pdf</a>
9	Competing Business through AI-Powered Supply Chains	IPED	NITIE-BITS	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_009_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_009_IPED.pdf</a>



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10	Competing Business through AI-Powered Supply Chains	IPED	NITIE-BITS	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_010_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_010_IPED.pdf</a>
11	Business Analytics from data insights and decision making	IPED	NITIE	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_011_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_011_IPED.pdf</a>
12	Google Data Analytics	IPED	Coursera	2022-23	48	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_012_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_012_IPED.pdf</a>
13	Python Data Structures	IPED	Coursera	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_013_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_013_IPED.pdf</a>
14	Programming with JavaScript By META - Coursera	IT	Coursera	2022-23	42	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_014_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_014_IT.pdf</a>
15	Foundations of User Experience (UX) Design	IT	Coursera	2022-23	46	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_015_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_015_IT.pdf</a>
16	Start the UX Design Process: Empathize, Define, and Ideate	IT	Coursera	2022-23	48	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_016_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_016_IT.pdf</a>
17	Google IT Automation with Python	IT	Google	2022-23	107	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_017_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_017_IT.pdf</a>
18	Tensorflow: Advanced Techniques	IT	Coursera	2022-23	67	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_037_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_037_DESH.pdf</a>
19	UI-UX FOUNDATION BY Google	IT	Coursera	2022-23	48	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_019_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_019_IT.pdf</a>
20	Chemical Process Safety	CH	NPTEL	2022-23	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_020_Chemical_Neraj.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_020_Chemical_Neraj.pdf</a>
21	Instrumentation Project Engineering	IC	Emerson	2022-23	40	47	47	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_021_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_021_Instru.pdf</a>
22	Batch Process Control	IC	Emerson	2022-23	40	40	40	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_022_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_022_Instru.pdf</a>
23	Java Programming Masterclass updated to Java 17	IC	Udemy	2022-23	118.5	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_023_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_023_Instru.pdf</a>
24	Data science	IC	IIT Delhi	2022-23	2 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_024_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_024_Instru.pdf</a>
25	Programming In Java	IC	NPTEL	2022-23	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_025_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_025_Instru.pdf</a>
26	Accelerated Computer Science Fundamentals	IC	Coursera	2022-23	59	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_026_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_026_Instru.pdf</a>
27	Mathematics for Machine Learning	IC	Coursera	2022-23	44	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_027_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_027_Instru.pdf</a>



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28	Meta Front-End Developer Specialization	IC	Coursera	2022-23	5110	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_028_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_028_Instru.pdf</a>
29	Industrial Automation and Control	IC	NPTEL	2022-23	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_029_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_029_Instru.pdf</a>
30	Introduction to Programming with MATLAB	IC	Coursera	2022-23	35	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_030_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_030_Instru.pdf</a>
31	Full stack web development	IC	Devtown	2022-23	4320	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_031_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_031_Instru.pdf</a>
32	The Complete 2023 Web Development Bootcamp	IC	Udemy	2022-23	66	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_032_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_032_Instru.pdf</a>
33	Python Complete Masterclass for Beginners	IC	Udemy	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_033_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_033_Instru.pdf</a>
34	Data Analysis with Python	IC	FreeCodeCamp	2022-23	300	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_034_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_034_Instru.pdf</a>
35	Machine Learning & Deep Learning in Python & R	IC	Udemy	2022-23	33	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_035_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_035_Instru.pdf</a>
36	CII Eaton Changing Gears 6.0	DESH	CII	2022-23	30	1287	615	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_036_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_036_DESH.pdf</a>
37	TensorFlow: Advanced Techniques	DESH	Coursera	2022-23	60	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_037_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_037_DESH.pdf</a>
38	Google IT Automation with Python	DESH	Coursera	2022-23	60	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_038_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_038_DESH.pdf</a>
39	Problem Solving through programming in C	DESH	NPTEL	2022-23	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_039_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_039_DESH.pdf</a>
40	Data Science with Python	DESH	IIT Roorkee	2022-23	2 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_040_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_040_DESH.pdf</a>
41	IBM Data Science Professional Certificate	AI-DS	IBM	2022-23	15 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_041_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_041_AIDS.pdf</a>
42	Artificial Intelligence with Python	AI-DS	Languify	2022-23	3 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_042_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_042_AIDS.pdf</a>
43	C Course	AI-DS	Sololearn	2022-23	8 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_043_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_043_AIDS.pdf</a>
44	Ethical Hacking	AI-DS	IIIT Allahabad	2022-23	8 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_044_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_044_AIDS.pdf</a>



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45	The Fundamental of Digital Marketing	AI-DS	Google Digital Garage	2022-23	8 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_045_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_045_AIDS.pdf</a>
46	Changing Gears 6	DOME	CII	2022-23	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_046_DOME.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_046_DOME.pdf</a>
47	Foundations of project management	DOME	Coursera	2022-23	1 month	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_047_DOME.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_047_DOME.pdf</a>
48	Data science with PYTHON	DOME	Skillup	2022-23	1 month	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_048_DOME.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_048_DOME.pdf</a>
49	Alpha- java placement course	EC	Online	2022-23	3 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_051_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_051_ETC.pdf</a>
50	Python with Data Structures and Algorithms Pro+ Certificate cum Internship	EC	YBI	2022-23	1 Month	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_052_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_052_ETC.pdf</a>
51	Regression analysis:Simplify complex Data relationship	EC	Coursera	2022-23	6 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_053_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_053_ETC.pdf</a>
52	Data Analysis with Python	EC	Coursera	2022-23	5 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_054_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_054_ETC.pdf</a>
53	SQL for Data Science	EC	Coursera	2022-23	6 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_055_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_055_ETC.pdf</a>
54	PLC Programming Training	EC	Internshala Trainings	2022-23	6 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_056_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_056_ETC.pdf</a>
55	Beginner to Advance- Deep Dive in C++ with OOP	EC	Udemy	2022-23	30.5	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_057_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_057_ETC.pdf</a>
56	Understanding Design	EC	NPTEL	2022-23	4 Week	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_058_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_058_ETC.pdf</a>
57	Machine Learning A-Z	EC	Udemy	2022-23	42.5Hr	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_059_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_059_ETC.pdf</a>
58	Data Analytics and Visualization Virtual Experience	EC	Accenture	2022-23	1 Month	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_060_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_060_ETC.pdf</a>
59	Crash Course on Python by Google	CS	Coursera	2021-22	1008	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_059_Comp.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_059_Comp.pdf</a>
60	Online Internship Program	CH	IICHe	2021-22	40	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_060_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_060_ETC.pdf</a>
61	Steam System Engg Course (Forbes Marshall)	ME	Forbes Marshall	2021-22	30	30	28	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_061_Mech.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_061_Mech.pdf</a>
62	Fundamentals of deep learning	IC	NVIDIA	2021-22	36	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_062_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_062_Instru.pdf</a>



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63	Analog IC Design	IC	NPTEL	2021-22	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_063_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_063_Instru.pdf</a>
64	Learn C++ Programming from Zero to Mastery in 2022 (FAANG)	IC	Udemy	2021-22	36	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_064_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_064_Instru.pdf</a>
65	Web Development	IC	Intershala	2021-22	55	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_065_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_065_Instru.pdf</a>
66	The Web Developer Bootcamp 2021	IC	Udemy	2021-22	63	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_066_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_066_Instru.pdf</a>
67	Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023]	IC	Udemy	2021-22	44.5	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_067_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_067_Instru.pdf</a>
68	Fundamentals of Cloud computing	IC	VOIS	2021-22	60	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_068_Instru.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_068_Instru.pdf</a>
69	HackerRank	DESH	VLL	2021-22	3 months	53	53	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_088_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_088_DESH.pdf</a>
70	CII Eaton Changing Gears 5.0	DESH	CII	2021-22	30	315	255	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_070_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_070_DESH.pdf</a>
71	DATA SCIENCE ONLINE COURSE	DESH	IITKGP	2021-22	2 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_071_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_071_DESH.pdf</a>
72	HTML, CSS, and Javascript for Web Developers	DESH	Coursera	2021-22	40	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_072_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_072_DESH.pdf</a>
73	IBM Data Science	DESH	Coursera	2021-22	50	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_036_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_036_DESH.pdf</a>
74	Web Development	DESH	Teachnook	2021-22	2 months	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_074_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_074_DESH.pdf</a>
75	Full Stack Web Development Programme	AI-DS	Edureka	2021-22	4 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_075_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_075_AIDS.pdf</a>
76	Software Training & Personality Development	AI-DS	Wisdom Eye	2021-22	8 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_076_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_076_AIDS.pdf</a>
77	Programming with Python	AI-DS	Intershala	2021-22	6 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_077_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_077_AIDS.pdf</a>
78	Design Thinking for Beginners	AI-DS	Skillup	2021-22	4 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_078_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_078_AIDS.pdf</a>
79	Software Training & Personality Development	AI-DS	Wisdom Eye	2021-22	8 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_079_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_079_AIDS.pdf</a>



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80	Introduction to Machine Learning	NPTEL	NPTEL	2021-22	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_080_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_080_MMK.pdf</a>
81	Robotics	NPTEL	NPTEL	2021-22	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_081_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_081_MMK.pdf</a>
82	Fundamentals of Automotive Systems	NPTEL	NPTEL	2021-22	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_082_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_082_MMK.pdf</a>
83	Database Management System	NPTEL	NPTEL	2021-22	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_083_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_083_MMK.pdf</a>
84	METAL ADDITIVE MANUFACTURING - CAD TO PRINT	IPED	IMTMA	2020-21	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_084_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_084_IPED.pdf</a>
85	Introduction to Self Driving Cars	IPED	Coursera	2020-21	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_085_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_085_IPED.pdf</a>
86	Multi-Axis CNC Toolpaths	IPED	Coursera	2020-21	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_086_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_086_IPED.pdf</a>
87	Master Neuroscience and Neuroanatomy	CH	Udemy	2020-21	100.5	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_087_Chem.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_087_Chem.pdf</a>
88	RoboSpark	DESH	TRF	2020-21	1 month	135	135	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_088_DESH.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_088_DESH.pdf</a>
89	Developing Soft skills and Personality	NPTEL	NPTEL	2020-21	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_089_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_089_MMK.pdf</a>
90	Supply Chain Analytics	NPTEL	NPTEL	2020-21	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_090_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_090_MMK.pdf</a>
91	Total Quality Management	NPTEL	NPTEL	2020-21	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_091_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_091_MMK.pdf</a>
92	Leadership	NPTEL	NPTEL	2020-21	4 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_092_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_092_MMK.pdf</a>
93	Developing Softskills and Personality	EC	NPTEL	2020-21	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_061_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_061_ETC.pdf</a>
94	Introduction to IoT and Embedded Systems	EC	Coursera	2020-21	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_062_ETC.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_062_ETC.pdf</a>
95	Python Programming Fundamentals (PPF) & Personality Development	AI-DS	Wisdom Eye	2020-21	15 Weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_095_AIDS.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_095_AIDS.pdf</a>



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96	Design & Analysis of ATV using ANSYS Software	IPED	ARAI	2019-20	30	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_096_IPED.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_096_IPED.pdf</a>
97	Welding Metallurgy	NPTEL	NPTEL	2019-20	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_097_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_097_MMK.pdf</a>
98	Design for Quality, Manufacturing and Assembly	NPTEL	NPTEL	2019-20	12 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_098_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_098_MMK.pdf</a>
99	Data Science for Engineers	NPTEL	NPTEL	2019-20	8 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_099_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_099_MMK.pdf</a>
100	Inspection and Quality Control in Manufacturing	NPTEL	NPTEL	2019-20	4 weeks	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_100_MMK.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_100_MMK.pdf</a>
101	Fundamental of Automobile Design ( TTL)	ME	Tata Technologies	2018-19	40	30	29	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_101_Mech.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_101_Mech.pdf</a>
102	Summer Internship for Project Based Python Programming	DESH	VLL	2018-19	48	33	33	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_102_Desh.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_102_Desh.pdf</a>
103	The Complete JavaScript Course 2019: From Zero to Expert!	IT	UDEMY	2018-19	68	1	1	<a href="https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_102_IT.pdf">https://www.vit.edu/images/NAAC_CYCLE_III/criteria1/1_3_2/1_3_2_102_IT.pdf</a>

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Chairman – Academic Board