

**1.2.2 Number of Add on /Certificate programs offered during the last five years (10)**

**1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years (10)**

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered	Duration of	Number of	Number of Students
<b>YEAR 2022-2023</b>						
Full Stack Web Development	VAC/CS/01	2022-23	1	35	55	51
Robotics Process Automation	VAC/CS/02	2022-23	1	35	60	52
Basics of Enterprise Java & its Applications	VAC/MECH/01	2022-23	1	30	58	50
Research Methodology	VAC/MECH/02	2022-23	1	30	55	49
Sales and Marketing Management	VAC/MECH/03	2022-23	1	30	45	40
Solid Liquid Waste Management	VAC/MECH/04	2022-23	1	30	46	42
Construction Automation and Robotics	VAC/CE/01	2022-23	1	35	65	58
Cyber Security	VAC/CE/02	2022-23	1	35	68	60
Finite element Method in civil engineering	VAC/CE/03	2022-23	1	35	70	66
<b>YEAR 2021-2022</b>						
Android Web Development	VAC/CS/01	2021-22	1	35	90	83
Green Computing	VAC/CS/02	2021-22	1	35	75	68
Web Designing	VAC/MECH/01	2021-22	1	40	68	60
Research Methodology and Quantitative Technique	VAC/MECH/02	2021-22	1	30	90	80
Robotics	VAC/MECH/03	2021-22	1	30	70	62
Simulation in SolidWorks	VAC/CE/01	2021-22	1	38	75	70
Coastal Engineering	VAC/CE/02	2021-22	1	35	100	92
Basic Programming in Python	VAC/CE/03	2021-22	1	40	90	82
<b>YEAR 2020-2021</b>						
DEVOPS	VAC/CS/01	2020-21	1	40	100	86
UX/UI	VAC/CS/02	2020-21	1	35	110	88
Fire and Safety Management	VAC/MECH/01	2020-21	1	40	120	108
Tally Training with GST	VAC/CE/01	2020-21	1	38	180	162
<b>YEAR 2019-2020</b>						
Ethical Hacking	VAC/CS/01	2019-20	1	35	60	52
Basic of Finite Element Analysis and its Applications	VAC/MECH/01	2019-20	1	40	90	81
SolidWorks	VAC/CE/01	2019-20	1	40	137	115
Introduction to IPR	VAC/CS/02	2019-20	1	40	65	60
Building Information Modelling	VAC/CE/02	2019-20	1	35	130	121
Gear Box Designing by using SOLIDWORKS.	VAC/MECH/02	2019-20	1	35	80	69
<b>YEAR 2018-2019</b>						
Mobile Security	VAC/CS/01	2018-19	1	35	9	9
Virtual and Augmented Reality	VAC/CS/02	2018-19	1	35	14	14
Safety in Laboratory	VAC/MECH/01	2018-19	1	30	120	112
Legal Aspects of Civil engineering Practices	VAC/CE/01	2018-19	1	40	220	196
CFD Analysis using ANSYS	VAC/MECH/02	2018-19	1	30	130	120