

**Supporting Document for Quantitative Matrix  
1.2.2**



**Submitted to NAAC  
By  
Einstein Academy of Technology and Management (EATM),  
Bhubaneswar**



## **Einstein Academy of Technology and Management (EATM) Bhubaneswar**

*1.2.2 Percentage of students enrolled in Certificate / Value added courses offered and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years*

1.2.2.1: Number of students enrolled in certificate / value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number	785	724	756	802	856

$$\text{Percentage} = \frac{3923}{7668} = 51.16 \%$$



  
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1.2.1 Number of Certificate / Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years.

1.2.2 Percentage of students enrolled in Certificate / Value added courses offered and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Year 1 (2018-19)						
Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering / study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
TOWN PLANNING (4th Year CE)	UG01A403	2018-19	12-11-2018 to 23-02-2019	40 hrs	68	65
REVIT (3 <sup>rd</sup> Year CE)	UG01A302	2018-19	03-12-2018 to 02-03-2019	42 hrs	61	61
AUTO CAD (2 <sup>nd</sup> Year CE)	UG01A201	2018-19	17-12-2018 to 16-03-2019	40 hrs	57	55
WEBSITE DESIGN (4th Year CSE)	UG02A403	2018-19	19-07-2018 to 08-11-2018	40 hrs	32	32
PYTHON PROGRAMMING (3 <sup>rd</sup> Year CSE)	UG02A302	2018-19	02-08-2018 to 30-11-2018	40 hrs	34	34
PHP PROGRAMMING (2 <sup>nd</sup> Year CSE)	UG02A201	2018-19	02-09-2018 to 05-12-2018	40 hrs	30	30
FPGA DEVELOPMENT IN VHDL (4th Year ECE)	UG03A401	2018-19	09-01-2019 to 11-02-2019	40 hrs	33	32
EMBEDDED SYSTEM AND PROGRAMMING (3 <sup>rd</sup> Year ECE)	UG03A301	2018-19	21-08-2018 to 27-09-2018	40 hrs	37	35
MATLAB & SIMULINK (2 <sup>nd</sup> Year ECE)	UG03A201	2018-19	21-02-2019 to 24-03-2019	40 hrs	32	31



*[Signature]*  
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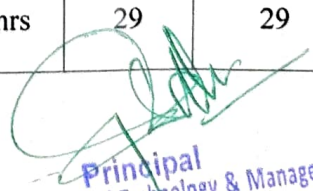
Year ECE)						
MULTILEVEL INVERTER (4 <sup>th</sup> Year EE& EEE)	UG04A402 / UG05A402	2018-19	09-01-2019 to 20-02-2019	40hrs	88	81
PULSE WIDTH MODULATION TECHNIQUES FOR POWER CONVERTERS (3 <sup>rd</sup> Year EE& EEE)	UG04A302 / UG05A302	2018-19	25-08-2018 to 15-10-2018	40hrs	90	87
PLC SCADA (2 <sup>nd</sup> Year EE& EEE)	UG04A202 / UG05A202	2018-19	21-02-2019 to 04-04-2019	40hrs	71	67
HEATING, VENTILATION & AIR CONDITIONING (4 <sup>th</sup> Year ME)	UG06A401	2018-19	12.01.2019 to 28.02.2019	40 hrs	84	81
NON-DESTRUCTIVE TESTING (3 <sup>rd</sup> Year ME)	UG06A301	2018-19	10.11.2018 to 08.01.2019	40 hrs	81	76
AUTO-CAD (2 <sup>nd</sup> Year ME)	PG02A101	2018-19	15.09.2018 to 02.11.2018	40 hrs	93	89
<b>Year 2 (2019-20)</b>						
TOWN PLANNING (4 <sup>th</sup> Year CE)	UG01A403	2019-20	23-09-2019 to 28-12-2019	40 hrs	58	56
REVIT (3 <sup>rd</sup> Year CE)	UG01A302	2019-20	16-09-2019 to 14-12-2019	42 hrs	49	48
AUTO CAD (2 <sup>nd</sup> Year CE)	UG01A201	2019-20	04-10-2019 to 16-01-2020	40 hrs	43	43
WEBSITE DESIGN (4 <sup>th</sup> Year CSE)	UG02A201	2019-20	01-08-2019 to 30-09-2019	35hrs	33	33
PYTHON PROGRAMMING (3 <sup>rd</sup> Year CSE)	UG02A302	2019-20	08-08-2019 to 05-12-2019	40hrs	29	29
PHP PROGRAMMING (2 <sup>nd</sup> Year CSE)	UG02A403	2019-20	28-09-2019 to 13-12-2019	30hrs	36	35
FPGA DEVELOPMENT IN VHDL (4 <sup>th</sup> Year ECE)	UG03A401	2019-20	10-01-2020 to 05-02-2020	40 hrs	34	34
EMBEDDED SYSTEM AND PROGRAMMING (3 <sup>rd</sup> Year ECE)	UG03A301	2019-20	19-08-2019 to 25-09-2019	40 hrs	30	30



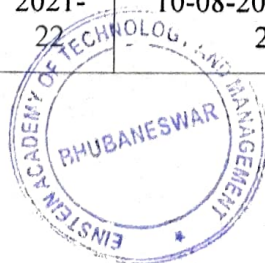
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MATLAB & SIMULINK (2 <sup>nd</sup> Year ECE)	UG03A201	2019-20	18-02-2020 to 21-03-2020	40 hrs	32	29
MULTILEVEL INVERTER (4 <sup>th</sup> Year EE & EEE)	UG04A402 / UG05A402	2019-20	10-01-2020 to 17-02-2020	40hrs	91	85
PULSE WIDTH MODULATION TECHNIQUES FOR POWER CONVERTERS (3 <sup>rd</sup> Year EE & EEE)	UG04A302 / UG05A302	2019-20	26-08-2019 to 18-10-2019	40hrs	75	72
PLC SCADA (2 <sup>nd</sup> Year EE & EEE)	UG04A202 / UG05A202	2019-20	18-02-2020 to 03-04-2020	40hrs	79	78
HEATING, VENTILATION & AIR CONDITIONING (4 <sup>th</sup> Year ME)	UG06A401	2019-20	20.12.2019 to 04.02.2020	40 hrs	68	66
NON-DESTRUCTIVE TESTING (3 <sup>rd</sup> Year ME)	UG06A301	2019-20	25.10.2019 to 14.12.2019	40 hrs	86	81
AUTO-CAD (2 <sup>nd</sup> Year ME)	UG06A201	2019-20	06.09.2019 to 18.10.2019	40 hrs	87	83
<b>Year 3 (2020-21)</b>						
TOTAL STATION (4 <sup>th</sup> Year CE)	UG01A404	2020-21	16-11-2020 to 15-02-2021	40 hrs	63	61
STAAD PRO (3 <sup>rd</sup> Year CE)	UG01A303	2020-21	30-11-2020 to 27-02-2021	42 hrs	58	56
AUTOCAD (2 <sup>nd</sup> Year CE)	UG01A201	2020-21	01-12-2020 to 30-04-2021	40 hrs	43	43
WEBSITE DESIGN (4 <sup>th</sup> Year CSE)	UG02A403	2020-21	05-01-2021 to 03-03-2021	40hrs	30	30
DATA SCIENCE USING PYTHON (3 <sup>rd</sup> Year CSE)	UG02A304	2020-21	07-01-2021 to 20-03-2021	40hrs	39	38
PHP PROGRAMMING (2 <sup>nd</sup> Year CSE)	UG02A201	2020-21	15-01-2021 to 26-03-2021	40hrs	37	35
FUNDAMENTAL OF XILINK VIVADO (4 <sup>th</sup> Year ECE)	UG03A402	2020-21	11-01-2021 to 07-02-2021	40 hrs	30	30
EMBEDDED SYSTEM AND PROGRAMMING	UG03A301	2020	13-08-2020 to 20-09-2020	40 hrs	29	29



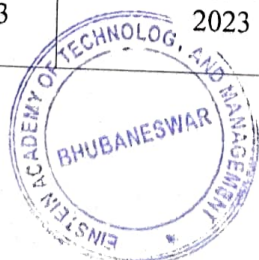
  
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(3 <sup>rd</sup> Year ECE)						
FUNDAMENTALS OF MATLAB (2 <sup>nd</sup> Year ECE)	UG03A202	2020-21	03-02-2021 to 10-03-2021	40 hrs	32	30
MACHINE LEARNING FOR AUTONOMOUS VEHICLES (4 <sup>th</sup> Year EE and EEE)	UG04A402 / UG05A402	2020-21	02-12-2020 to 04-01-2021	40hrs	76	71
ELECTRIC VEHICLE TECHNOLOGY (3 <sup>rd</sup> Year EE and EEE)	UG04A302 / UG05A302	2020-21	02-11-2020 to 16-12-2020	40hrs	76	69
MATLAB PROGRAMMING (2 <sup>nd</sup> Year EE and EEE)	UG04A202 / UG05A202	2020-21	03-02-2021 to 17-03-2021	40hrs	58	55
ROBOTICS (4 <sup>th</sup> Year ME)	UG06A402	2020-21	10.08.2020 to 28.09.2020	40 hrs	84	78
PRO-ENGINEER (3 <sup>rd</sup> Year ME)	UG06A302	2020-21	06.10.2020 to 30.11.2020	40 hrs	71	69
CATIA V5 (2 <sup>nd</sup> Year ME)	UG06A202	2020-21	05.12.2020 to 20.01.2021	40 hrs	63	62
<b>Year 4 (2021-22)</b>						
TOTAL STATION (4 <sup>th</sup> Year CE)	UG01A404	2021-22	06-12-2021 to 01-03-2022	40 hrs	43	40
STAAD PRO (3 <sup>rd</sup> Year CE)	UG01A303	2021-22	19-11-2021 to 22-02-2022	40 hrs	38	38
AUTO CAD (2 <sup>nd</sup> Year CE)	UG01A201	2021-22	10-11-2021 to 04-02-2022	40 hrs	43	43
SOFTWARE TESTING (4 <sup>th</sup> Year CSE)	UG02A407	2021-22	11-08-2021 to 08-10-2021	36hrs	40	38
FULL STACK WEB DEVELOPMENT (3 <sup>rd</sup> Year CSE)	UG02A306	2021-22	24-08-2021 to 15-10-2021	40hrs	40	37
DATA ANALYTICS (2 <sup>nd</sup> Year CSE)	UG02A205	2021-22	01-11-2021 to 28-01-2022	30 hrs	56	50
FUNDAMENTAL OF XILINK VIVADO (4 <sup>th</sup> Year ECE)	UG03A402	2021-22	13-01-2022 to 20-02-2022	40 hrs	29	29
EMBEDDED SYSTEM AND PROGRAMMING	UG03A301	2021-22	10-08-2021 to 25-09-2021	40 hrs	30	30



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(3 <sup>rd</sup> Year ECE)						
FUNDAMENTALS OF MATLAB (2 <sup>nd</sup> Year ECE)	UG03A202	2021-22	16-02-2022 to 17-03-2022	40 hrs	32	30
MACHINE LEARNING FOR AUTONOMOUS VEHICLES (4th Year EE and EEE)	UG04A402 / UG05A402	2021-22	02-12-2021 to 10-01-2022	40hrs	66	58
ELECTRIC VEHICLE TECHNOLOGY (3 <sup>rd</sup> Year EE and EEE)	UG04A302 / UG05A302	2021-22	10-08-2021 to 27-09-2021	40hrs	62	59
MATLAB PROGRAMMING (2 <sup>nd</sup> Year EE and EEE)	UG04A202 / UG05A202	2021-22	08-01-2022 to 21-02-2022	40hrs	48	45
ROBOTICS (4th Year ME)	UG06A402	2021-22	07.08.2021 to 16.09.2021	40 hrs	58	58
PRO-ENGINEER (3rd Year ME)	UG06A302	2021-22	04.10.2021 to 15.11.2021	40 hrs	67	67
CATIA V5 (2nd Year ME)	UG06A202	2021-22	22.11.2021 to 12.01.2022	40 hrs	64	64
DATA ANALYSIS USING SPSS (2nd Year MBA)	PGMBA201	2021-22	14-03-2022 to 30-04-2022	40 hrs	38	38
<b>Year 5 (2022-23)</b>						
TOTAL STATION (4 <sup>th</sup> Year CE)	UG01A404	2022-23	13-09-2022 to 04-12-2022	40 hrs	41	41
STAAD PRO (3 <sup>rd</sup> Year CE)	UG01A303	2022-23	04-12-2022 to 20-11-2022	40 hrs	38	38
AUTOCAD (2 <sup>nd</sup> Year CE)	UG01A201	2022-23	26-11-2022 to 17-02-2023	44 hrs	38	36
SOFTWARE TESTING (4th Year CSE)	UG02A407	2022-23	22-08-2022 to 25-11-2022	40 hrs	41	39
FULL STACK WEB DEVELOPMENT (3rd Year CSE)	UG02A306	2022-23	07-09-2022 to 09-12-2022	40 hrs	51	47
DATA ANALYTICS (2nd Year CSE)	UG02A205	2022-23	15-11-2022 to 05-01-2023	40 hrs	70	69
FUNDAMENTAL OF XILINKVIVADO (4th Year ECE)	UG03A402	2022-23	10-01-2023 to 05-02-2023	40 hrs	27	27



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EMBEDDED SYSTEM AND PROGRAMMING (3 <sup>rd</sup> Year ECE)	UG03A301	2022-23	17-08-2022 to 25-09-2022	40 hrs	32	30
FUNDAMENTALS OF MATLAB (2 <sup>nd</sup> Year ECE)	UG03A202	2022-23	15-02-2023 to 28-03-2023	40 hrs	43	40
MACHINE LEARNING FOR AUTONOMOUS VEHICLES (4th Year EE and EEE)	UG04A402 / UG05A402	2022-23	10-01-2023 to 24-02-2023	40 hrs	63	59
ELECTRIC VEHICLE TECHNOLOGY (3 <sup>rd</sup> Year EE and EEE)	UG04A302 / UG05A302	2022-23	17-08-2022 to 28-09-2022	40 hrs	49	47
MATLAB PROGRAMMING (2 <sup>nd</sup> Year EE and EEE)	UG04A202 / UG05A202	2022-23	15-02-2023 to 28-03-2023	40 hrs	49	45
ROBOTICS (4th Year ME)	UG06A402	2022-23	08.10.2022 to 27.11.2022	40 hrs	62	62
PRO-ENGINEER (3rd Year ME)	UG06A302	2022-23	02.12.2022 to 10.01.2023	40 hrs	68	68
CATIA V5 (2nd Year ME)	UG06A202	2022-23	15.01.2023 to 02.03.2023	40 hrs	72	72
DATA ANALYSIS USING SPSS (2nd Year MBA)	PGMBA201	2022-23	15-02-2023 to 31-03-2023	40 hrs	65	65



  
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