Criterion VII – Institutional Values and Best Practices
7.2 Best Practices

7.2.1 - Provide the web-link on the Institutional website regarding the Best practices as per the prescribed format of NAAC

In line with the Mission and Vision of the Institute, several initiatives are continuously being evolved to move towards excellence and establish milestones year on year related to quality of students at entry level, adopting innovative student centric teaching-learning pedagogies, industry 4.0 focused employment generating innovative curriculum design, capacity building of faculty and so on. However few of the practices are prioritized based on the need through various brainstorming exercises over a period of time to make it best and distinct. Here are the two best practices, which continuously refined over a period of time since introduction by practicing reaching to near distinct practices.

Practice 1

1. Title of the Practice

Lecture Capturing System-an initiative towards digital transformation.

2. Objectives of the Practice

- To complement and supplement classroom teaching.
- To prepare the video lecture bank for each course in each semester.
- To offer the courses through institutional LMS.

3. The Context

Towards the digital transformation, many initiatives have been taken up to mitigate the Post-Covid challenges in the higher education. One of the predominant initiatives taken up at GMRIT is the Lecture Capturing System. The installed system, on regular basis, records the lectures in three different modes facilitating the virtual classroom sessions to all the students. As on date 225 courses and 9949 video lectures are available at the disposal of our students.

4. The Practice

The students are sensitized and motivated to access all the video lectures to supplement and complement the classroom teaching.

5. Evidence of Success

As of now, 225 courses 9949 video lectures are made available to students.

The success of this practice is clearly evident in the analysis of the semester end results of 4, 6, and 8 semesters of the year 2022-23. The students who have attended classes in an LCS enabled classrooms and used the facility for learning had an edge over others. The practice has been proved effective across all the departments.

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6. Problems Encountered and Resources Required

In spite of some challenges in using lecture capturing systems; it is functioning effectively.

- Timely editing of lectures
- Faculty teaching on camera
- Faculty promptness

Practice 2

1. Title of the Practice

Credited MOOCs

2. Objectives of the Practice

- To promote self- directed learning
- To enhance the scope for the students in the new and emerging areas.
- To provide inter-disciplinary and multi-disciplinary courses

3. The Context

To mitigate the problems arose due to paucity of trained and skilled faculty in the new and emerging areas, and to implement the new initiative, in compliance with the New Education Policy, MOOCs is preferred as a solution.

4. The Practice

The well matured and standardized MOOCs platforms like NPTEL, SWAYAM, and COURSERA are considered for implementation. In this context, GMRIT, has subscribed 1250 licenses in COURSERA. Wherever needed, the assessment is done through proctored examination.

5. Evidence of Success

The curriculum provides opportunity to take up courses through MOOCs from 4th to 8th semesters in Electives/Honors/Minors. As of now, 67 Students have successfully cleared for 2 MOOCs courses under Electives/Honors and Minors programs and attained credits.

In addition, 1282 Students registered for different NPTEL courses during the year. Out of 76 students appeared for the proctored exams 63 have been certified during the academic year 2022-23. Besides this, students are motivated to pursue courses in COURSERA during the year. 1875 students attained certification in more than one course with COURSERA. Altogether 5505 courses have been completed by our students. Further, 801 students have attained certification with Google.

6. Problems Encountered and Resources Required

Designing and implementing MOOCs requires addressing issues like:

- Assessment in view of non-consistency
- Timely completion
- Availability of courses
- Calendar mismatch

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Lecture Capturing System Details

Academic Year: 2022-23

S. No	Dept.	No of Courses	No of lectures
1	BS&H	34	1658
2	AIDS	6	154
3	CIVIL	18	869
4	CSE	34	1484
5	ECE	44	1919
6	EEE	19	881
7	IT	36	1443
8	MECH	34	1541

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Lecture Capturing System Details- AY 2022-23

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	1st Year	Dr. Sudheer Kumar Patnaik	First year A Communicative English	60
2	1st Year	Dr.A.Ganapathi Rao	First year A Engineering Mathematics-I	81
3	1st Year	Dr. G. Thirumala Rao	First Year A Engineering Physics	59
4	1st Year	Muralimohan.p	First year L Engineering Mathematics-I	79
5	1st Year	Ravikumar.j	BSH 1 Sem A Sec 23 ODD Basics of Electrical & Electronics Engineering (23BEX01)	17
6	1st Year	Dr. Rajeshkumar P	BSH 1 Sem A Sec 23 ODD Basics of engineering	29
7	1st Year	Dr Rameshrao A	BSH 1 Sem A Sec 23 ODD Communicative English	25
8	1st Year	Srinivasa Rao N	BSH 1 Sem A Sec 23 ODD Engineering Mathematics-I	35
9	1st Year	Dr Rambabu A	BSH 1 Sem A Sec 23 ODD Engineering Physics (23PYX01)	48
10	1st Year	Upendra Kumar P	BSH 1 Sem A Sec 23 ODD Introduction to Programming (23BEX03)	14
11	1st Year	Srinivasa Rao N	BSH 1 Sem A Sec 23 ODD Linear Algebra and Calculus (23MAX01)	16
12	1st Year	Dr K Aravind	BSH 1 Sem A Sec 23 ODD Problem Solving and Programming skills	14
13	1st Year	Dr SSG Prasad	BSH 1 Sem M Sec 23 ODD Basic Civil & Mechanical Engineering (23BEX02)	20
14	1st Year	Dr. K Koteswara Rao	BSH 1 Sem M Sec 23 ODD Chemistry (23CYX01)	17
15	1st Year	Dr Lakshmanarao B	BSH 1 Sem M Sec 23 ODD Communicative English (23HSX01)	37
16	1st Year	Dr. K Koteswara Rao	BSH 1 Sem M Sec 23 ODD Engineering Chemistry	27
17	1st Year	Dr.R.L.Naidu	BSH 1 Sem M Sec 23 ODD Engineering Mathematics-I	27
18	1st Year	Upendra Kumar P	BSH 1 Sem M Sec 23 ODD Introduction to Programming (23BEX03)	23
19	1st Year	Dr.R.L.Naidu	BSH 1 Sem M Sec 23 ODD Linear Algebra and Calculus (23MAX01)	16
20	1st Year	Muralimohan.p	BSH 1st Yr 2Sem L Sec Engineering Mathmatics-II_21MAX02	7
21	1st Year	Dr D Tejeswara Rao	BSH 2Sem F Sec 2023 Advanced Communicative English_21HSX03	81
22	1st Year	Dr D Tejeswara Rao	BSH 2Sem F Sec 2023 Engineering Chemistry-II_21CYX01	83
23	1st Year	Dr Y Aditya	BSH 2Sem F Sec 2023 Engineering Mathmatics-II_21MAX02	69
24	1st Year	Mrs P Someswari-CSE	BSH 2Sem F Sec 2023 Python Programming_21BEX07	78
25	1st Year	Mrs P Someswari-CSE	BSH 2Sem F Sec 2023 Python Programming_21BEX07	79
26	1st Year	Ravikumar.j	BSH 2Sem L Sec 2023 Basics of Engineering_21BEX01	71
27	1st Year	Muralimohan.p	BSH 2Sem L Sec 2023 Engineering Mathmatics-II_21MAX02	68
28	1st Year	Govinda.d	BSH 2Sem L Sec 2023 Engineering Physics-II_21PYX01	79
29	1st Year	Dr. P. Kanchanamala	BSH 2Sem L Sec 2023 Python Programming_21BEX07	77
30	1st Year	Mr Manoj	BSH Basic of Engineering A Sec	33
31	1st Year	Dr. P. Kanchanamala	BSH First year A Problem Solving and Programming Skills	82
32	1st Year	Dr. Ch. Srinivasa Rao	BSH First year L Communicative English	77
33	1st Year	subbarao.mv	BSH First year L Engineering Chemistry SBR	82
34	1st Year	Dr V Prasad	BSH First year L Problem Solving and Programming Skills	48
				1658

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	AIDS	Suniti.p	AIDS 3Sem Artificial Intelligence 5-F-14	25
2	AIDS	Mrs S Akhila Agnes	AIDS 3Sem Data Structures 5-F-14	27
3	AIDS	Ravikumar.j	AIDS 3Sem Digital Logic Design 5-F-14	26
4	AIDS	Ramgopal.ch	AIDS 3Sem Mathematical Foundation for Computer Science and Data Science 5-F-14	28
5	AIDS	Suniti.p	AIDS 3Sem Object Oriented Programming with JAVA 5-F-14	30
6	AIDS	Muralimohan.p	AIDS 3Sem Probability and Statistics using Python 5-F-14	18
				154

Lecture Capturing System Details- AY 2022-23

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	CIVIL	Mr.G.Madhav Krishna Reddy	Civil 3sem Asec 23 ODD Building Materials and Concrete Technology	54
2	CIVIL	Mr.Bimalendu Dash	Civil 3sem Asec 23 ODD Building Planning and Drawing	51
3	CIVIL	Vivek S	Civil 3sem Asec 23 ODD Fluid Mechanics	47
4	CIVIL	Srinivasa Rao N	Civil 3sem Asec 23 ODD Numerical Methods	54
5	CIVIL	Priyatham B	Civil 3sem Asec 23 ODD Solid Mechanics I	57
6	CIVIL	Mr. U Sivaramakrishna	Civil 3sem Asec 23 ODD Surveying	48
7	CIVIL	Mr.BAV Ram Kumar	Civil 6Sem Air Pollution and Environmental Impact Assessment(OE)	56
8	CIVIL	Dr.A Arun Solomon	Civil 6Sem Building Services	33
9	CIVIL	Mr.P Mani	Civil 6Sem Design of Steel Structures	56
10	CIVIL	Mr.Bimalendu Dash	Civil 6Sem Estimation and costing	54
11	CIVIL	Dr K Aravind	Civil 6Sem Problem solving using OOPS	58
12	CIVIL	Mr.G.Madhav Krishna Reddy	CIVIL Design and Detailing of RC Structures 3-F-02	50
13	CIVIL	Mr. U Sivaramakrishna	CIVIL Elective I: Geometric Design and Highway Materials 3-F-02	50
14	CIVIL	Mr.K.Ravi Teja	CIVIL Environmental Engineering 3-F-02	51
15	CIVIL	Mr.S.H.Vamsi Krishna	CIVIL Foundation Engineering 3-F-02	53
16	CIVIL	Dr.R.Gokulan	CIVIL Hydrology 3-F-02	38
17	CIVIL	Mr. K Naga Rajesh	CIVIL Open Elective 3-F-02	55
18	CIVIL	Mr. M. Venkatesh	CMC & Robotics	4
				869

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	CSE	Prof. Dharma Raju	CSE 3 Sem 23 ODD Data Structures	53
2	CSE	Dr V Srinadh	CSE 3 Sem 23 ODD Digital Logic Design	48
3	CSE	Dr.A.Ganapathi Rao	CSE 3 Sem 23 ODD Discrete Mathematical Structures	42
4	CSE	Dr. D.Srinivasa Kumar	CSE 3 Sem 23 ODD Engineering Economics and Project Management	58
5	CSE	Ms Santhoshini Sahu	CSE 3 Sem 23 ODD Object Oriented Programming with JAVA	41
6	CSE	Muralimohan.p	CSE 3 Sem 23 ODD Probability and Statistics using Python	38
7	CSE	Dr.M.Satish	CSE 3Sem B Sec Data Structures 5-S-13	50
8	CSE	Dr.K.Karthik	CSE 3Sem B Sec Digital Logic Design 5-S-13	43
9	CSE	Dr.R.L.Naidu	CSE 3Sem B Sec Discrete Mathematical Structures 5-S-13	47
10	CSE	Dr.K.VS Prasad	CSE 3Sem B Sec Engineering Economics and Project Management 5-S-13	54
11	CSE	Mr.S.Vinod Kumar	CSE 3Sem B Sec Object Oriented Programming with JAVA 5-S-13	48
12	CSE	Mr.D.Siva Krishna	CSE 3Sem B Sec Probability and Statistics using Python 5-S-13	33
13	CSE	Dr. P. Kanchanamala	CSE 3Yr 23 ODD Artificial Intelligence and Machine Learning	25
14	CSE	Ms.Bhavani	CSE 3Yr 23 ODD Computer Networks(Integrated)	10
15	CSE	Mr B M S Srinivasa Rao	CSE 3Yr 23 ODD Microprocessors and Microcontroller Programming	8
16	CSE	Mr.D.Siva Krishna	CSE 3Yr 23 ODD Theory Of Computation	42
17	CSE	Ms Santhoshini Sahu	CSE 4Sem Computer Organization and Architecture	43
18	CSE	Mr A Ravi Kishore	CSE 4Sem Database Management Systems	80
19	CSE	Mrs S Akhila Agnes	CSE 4Sem Design and Analysis of Algorithms	45
20	CSE	Mrs N Lakshmi Devi	CSE 4Sem Operating Systems	62
21	CSE	Dr.M.Satish	CSE 4Sem Web Coding and Development	48
22	CSE	Dr R Cristin	CSE 5Sem 23 ODD Artificial Intelligence and Machine Learning	41
23	CSE	Ms.Bhavani	CSE 5Sem 23 ODD Computer Networks(Integrated)	44
24	CSE	Mr B M S Srinivasa Rao	CSE 5Sem 23 ODD Microprocessors and Microcontroller Programming	52
25	CSE	Mr B M S Srinivasa Rao	CSE 5Sem 23 ODD Theory Of Computation	18
26	CSE	Dr V Vasudha Rani	CSE 6Sem Compiler Design	56
27	CSE	Dr K Lakshmana Rao	CSE 6Sem Deep Learning (AI&ML)	40
28	CSE	Mr Abhisek Heyer Krupalin	CSE 6Sem Internet of Things	50
29	CSE	Dr R Cristin	CSE 6Sem Software Engineering	55
30	CSE	Dr V Prasad	CSE Artificial Intelligence and Machine Learning 5-S-02	43
31	CSE	Dr K Aravind	CSE Computer Networks 5-S-02	36
32	CSE	Dr V Vasudha Rani	CSE Exploratory Data Analytics/Web Programming Languages/Fundamentals of Security 5-S-0	33
33	CSE	Mr B M S Srinivasa Rao	CSE Microprocessors and Microcontroller Programming 5-S-02	50
34	CSE	Dr V Srinadh	CSE Theory of Computation 5-S-02	48
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S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	ECE	Dr. P. Sumati Kumari	ECE 3Sem 23 Odd Complex Variables	47
2	ECE	Dr. TVS Divakar	ECE 3Sem 23 Odd Electronic Devices and Circuits	47
3	ECE	Dr. TVS Divakar	ECE 3Sem 23 Odd Electronic Devices and Circuits	49
4	ECE	Dr.Yogesh Misra	ECE 3Sem 23 Odd Logic Circuit Design	70
5	ECE	Dr. GBSR Naidu	ECE 3Sem 23 Odd Random Variables and Stochastic Process	38
6	ECE	Anil Babu	ECE 3Sem 23 Odd Signals and Systems	50
7	ECE	Dr.Ravi Shankar Saxena	ECE 4Sem Analog and Digital Communications 6_F_13	54
8	ECE	Dr. L.Govinda Rao	ECE 4Sem Analog Electronic Circuits 6_F_13	49
9	ECE	Ms.P.Pooja	ECE 4Sem B Sec Object Oriented Programming through JAVA	61
10	ECE	Dr. P Ravi Kumar	ECE 4Sem Cellular Mobile Communications	4
11	ECE	Dr.Ravi Shankar Saxena	ECE 4Sem computer networks	3
12	ECE	santarao.k	ECE 4Sem Dynamics of Machinery	57
13	ECE	Dr.A.Siva Sangari	ECE 4Sem Electromagnetic Fields and Waves 6_F_13	67
14	ECE	Dr.Ravi Shankar Saxena	ECE 4Sem Engineering Economics and Project Management	10
15	ECE	Dr. P Ravi Kumar	ECE 4Sem Linear Control Systems 6_F_13	52
16	ECE	sudhakar.u	ECE 4Sem Metal Cutting and Machine Tools	62
17	ECE	Dr K Aravind	ECE 4Sem Object Oriented Programming through JAVA	47
18	ECE	Dr.A.Sudhakar	ECE 5sem Antennas and Microwave Engineering	50
19	ECE	Dr.Ravi Shankar Saxena	ECE 5sem Data Acquisition System	49
20	ECE	Balakrishna M	ECE 5sem Linear and Digital IC Applications	49
21	ECE	Dr. P Ravi Kumar	ECE 5sem Micro Processors and Micro Controllers	48
22	ECE	Venkatasuman J	ECE 5sem Sensor for Engineering Applications	49
23	ECE	Mr. P.V.Murali krishna	ECE 5sem VLSI Design	52
24	ECE	Dr. T. Geethamma	ECE 6Sem Cellular Mobile Communications	62
25	ECE	Dr. GBSR Naidu	ECE 6Sem computer networks	8
26	ECE	Dr. GBSR Naidu	ECE 6Sem computer networks	60
27	ECE	Dr. TVS Divakar	ECE 6Sem Electronics for Agriculture	60
28	ECE	Dr. D.Srinivasa Kumar	ECE 6Sem Engineering Economics and Project Management	57
29	ECE	Mr. P.V.Murali krishna	ECE Analog and mixed signal VLSI design/ Real Time Operating Systems/ Multimedia commun	19
30	ECE	Dr.Ravi Shankar Saxena	ECE Antennas and Microwave Engineering 6-S-11	50
31	ECE	Dr.A.Siva Sangari	ECE Biomedical Signal Processing/ UHF and EHF communication systems 6-F-05	20
32	ECE	Dr.K.Dasu Naidu	ECE Complex Variables 6-f-13	46
33	ECE	Ms.Bhavani	ECE Database Management Systems 6-S-11	33
34	ECE	Dr.Yogesh Misra	ECE Electronic Devices and Circuits 6_F_13	47
35	ECE	Dr.B.Anil Kumar	ECE Interfacing and Programming with Arduino 6-F-05	20
36	ECE	Dr.K.Krishna Kishore	ECE Linear and Digital IC Applications 6-S-11	39
37	ECE	Mr.R.Vijaya Krishna	ECE Linear Circuit Analysis 6-f-13	47
38	ECE	Dr.K.Krishna Kishore	ECE Logic Circuit Design 6-f-13	28
39	ECE	Dr.Yogesh Misra	ECE Microprocessors and Microcontrollers 6-S-11	50
40	ECE	NookaRaju	ECE Open Elective 6-S-11	51
41	ECE	Dr.D. Srinivasa Rao	ECE Random Variables and Stochastic Processes 6-f-13	45
42	ECE	Dr.D.Suresh	ECE Signals & Systems 6-f-13	38
43	ECE	Dr. L.Govinda Rao	ECE VLSI Design 6-S-11	45
44	ECE	Mrs.P.Padmavathi	ECE WIpro Training Session	30

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Lecture Capturing System Details- AY 2022-23

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	EEE	Chandrasekhar G	EEE 3sem Asec 23 ODD DC Machines and Transformers	37
2	EEE	Ramana Pilla	EEE 3sem Asec 23 ODD Electrical Circuit Analysis	71
3	EEE	Dr. Ch. Hemanth Kumar	EEE 3sem Asec 23 ODD Electromagnetic Field Theory	56
4	EEE	Pavan D	EEE 3sem Asec 23 ODD Employability Skills I	35
5	EEE	Dr. Ch. Hemanth Kumar	EEE 3sem Asec 23 ODD Engineering Mathematics III	63
6	EEE	Vinay Kumar M	EEE 3sem Asec 23 ODD Measurements and Instrumentation	48
7	EEE	Dr. J.S.V. Siva Kumar	EEE 3sem Asec 23 ODD Semiconductor Devices and Circuits	48
8	EEE	Dr. J.S.V. Siva Kumar	EEE 3sem Asec 23 ODD Semiconductor Devices and Circuits	51
9	EEE	Indirakishore.g	EEE 6Sem Power Electronic Applications to Green Energy Systems	33
10	EEE	Dr. D. Danalakshmi	EEE 6Sem Power System Analysis and Control	42
11	EEE	Dr.D.Rajeshbabu	EEE 6Sem Renewable Energy Sources	52
12	EEE	Rama Krishna	EEE 6Sem Utilization of Electrical Energy	39
13	EEE	Dr. N.V. A. Ravi Kumar	EEE Control Systems 3-S-02	49
14	EEE	Mr Manoj	EEE Elective I (Professional Elective) 3-S-02	40
15	EEE	Mr. M. Venkatesh	EEE Electrical Drives 3-S-02	47
16	EEE	Ms.K.Santoshi	EEE Fundamentals of Object Oriented Programming 3-S-02	32
17	EEE	Rama Krishna	EEE Open Elective 3-S-02	57
18	EEE	Dr. M. Rambabu	EEE Power System Protection 3-S-02	54
19	EEE	Dr.M.Satish	EEE Wipro Training Session	27
				881

S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	IT	Dr K Aravind	IT 3sem Asec 23 ODD Data Communication Systems	40
2	IT	Dr V Vasudha Rani	IT 3sem Asec 23 ODD Data Structures	46
3	IT	Mr A Ravi Kishore	IT 3sem Asec 23 ODD Database Management Systems	43
4	IT	NookaRaju	IT 3sem Asec 23 ODD Digital Logic Design	46
5	IT	Dr Y Aditya	IT 3sem Asec 23 ODD Discrete Mathematical Structures	46
6	IT	Mrs.P.Padmavathi	IT 3sem Asec 23 ODD Object Oriented Programming through Java	51
7	IT	Kalyanchakravarthi P	IT 4Sem Computer Networks	59
8	IT	Srinivasrao.bms	IT 4Sem Computer Organisation & Architecture	62
9	IT	Bharathi.ch	IT 4Sem Opertating Systems	63
10	IT	Dr.K.Dasu Naidu	IT 4Sem Probability &Statistics	64
11	IT	Ms.K.Santoshi	IT 4Sem Web Technologies	49
12	IT	Dr.P.Srihari	IT 5sem A & B Artificial Intelligence	50
13	IT	Mr.CH.Anilkumar	IT 5sem A & B Cloud Computing	49
14	IT	Mr.M.Harikrishna	IT 5sem A & B Design and Analysis of Algorithms	39
15	IT	Ajitkumar Rout	IT 5sem A & B Exploratory Data Analytics(AI&ML)	48
16	IT	Jayasri K	IT 5sem A & B Software Engineering Principles	49
17	IT	Mr.CH.Anilkumar	IT 6Sem Automata and Compiler Design	59
18	IT	Mr.M.Harikrishna	IT 6Sem Deep Learning	39
19	IT	Dr.K.VS Prasad	IT 6Sem Engineering Economics and Project Management	57
20	IT	Mrs.T.Daniya	IT 6Sem Machine Learning	52
21	IT	Dr.P.Srihari	IT Artificial Intelligence 1-S-12	43
22	IT	Ashutosh Kumar Choudhry	IT Cloud Computing 1-S-12	49
23	IT	Mrs.L.Swathi	IT Data Base Management Systems 1-G-1	26
24	IT	Dr.A.Sudhakar	IT Data Communication systems 1-G-1	31
25	IT	Mrs.P.Padmavathi	IT Data Structures 1-G-1	32
26	IT	Ms.U.Archana	IT Design Analysis of Algorithm 1-S-12	40
27	IT	Mrs.P.Revathi	IT Digital Logic Design 1-G-1	26
28	IT	Dr.A.Ganapathi Rao	IT Discrete Mathematical Structures 1-G-1	22
29	IT	Mr.M.Harikrishna	IT Exploratory Data Analytics(AI&ML) 1-S-12	34
30	IT	Ms.P.Pooja	IT Fundamentals of Mobile Computing 1-F-11	27
31	IT	Mr.Y.Suryaprakash	IT Fundamentals of Security(Cyber Security) 1-S-12	4
32	IT	Mr.CH.Anilkumar	IT Natural Language processing(AI&ML) 1-F-11	11
33	IT	Mr.Abhiseksethy	IT Object Oriented Programming Through Java 1-G-1	22
34	IT	Mrs.T.Daniya	IT Software Engineering principles 1-S-12	35
35	IT	Dr.P.Srihari	IT Software Project Management 1-F-11	14
36	IT	Mrs.T.Daniya	IT Wipro Training Session	16
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S.No	Branch	Name of the Teacher	Name of the Course	No of Video lectures
1	MECH	Dr. Bappa Mondal	ME 4Sem Mechanics of Solids	63
2	MECH	Dr.S.Ravibabu	ME Fluid Mechanics and Hydraulic Machines 2-F-02	56
3	MECH	Dr.G.Sasikumar	ME Manufacturing Technology 2-F-02	43
4	MECH	Sasidhar G	Mech 3sem 23 ODD Computer Aided Machine Drawing	23
5	MECH	Sharma G	Mech 3sem 23 ODD Engineering Materials and Manufacturing Technology	54
6	MECH	Dr.S.Ravibabu	Mech 3sem 23 ODD Engineering Mechanics	55
7	MECH	Prashant Kumar C H	Mech 3sem 23 ODD Fluid Mechanics and Hydraluic Machines	50
8	MECH	santarao.k	Mech 3sem 23 ODD Kinematic of Machinery	46
9	MECH	Chiranjeevarao S	Mech 3sem 23 ODD Thermodynamics	52
10	MECH	govindarao.n	Mech 4Sem Applied Thermodynamics	59
11	MECH	Dr. PNL Pavani	Mech 5sem 23 ODD Computer Aided Design and Manufacturing	49
12	MECH	Dr M Vykunta Rao	Mech 5sem 23 ODD Design of Machine Members I	35
13	MECH	Dr.Sanjay Kumar Gupta	Mech 5sem 23 ODD Fundamentals of Optimization Techniques(OE-I)	48
14	MECH	Ms.Y.Shireesha	Mech 5sem 23 ODD Mechanical Measurements and Metrology	58
15	MECH	Dr.M.Srinivasa Rao	Mech 5sem 23 ODD NonTraditional Machining & Forming Process(Ele-I)	63
16	MECH	govindarao.n	Mech 5sem 23 ODD Steam and Gas Turbines	53
17	MECH	Mr.G.Dinesh Reddy	MECH 5sem C Computer Aided Design and Manufacturing	10
18	MECH	Dr.S.Ravibabu	Mech 6Sem Design of Machine Members II	54
19	MECH	Dr. PNL Pavani	Mech 6Sem Finite Element Methods	50
20	MECH	Dr.A.Maji	Mech 6Sem Heat Transfer	58
21	MECH	Dr.M.Srinivasa Rao	Mech 6Sem Principles of Entrepreneurship(OE-II)	53
22	MECH	Dr.T.R. Vijaybabu	Mech 6Sem Sensors & Actuators for Automotive Electronics	40
23	MECH	Mr.G.Dinesh Reddy	MECH Computer Aided Design and Manufacturing 2-F-10	38
24	MECH	Dr. CH. Vinod Babu	MECH Design of Machine Members I 2-F-10	49
25	MECH	Dr. PNL Pavani	MECH Elective I (Nontraditional Machining and Forming Processes) 2-F-10	32
26	MECH	Dr.T.R. Vijaybabu	MECH Elective II (Fundamentals of Optimization Techniques) 2-F-10	56
27	MECH	Dr M Srinivasa Rao	Mech Industrial engineering and management 2-F-02	40
28	MECH	Dr M Vykunta Rao	Mech Industrial Engineering Mechanics 2-F-02	51
29	MECH	Dr.Pankaj Kumar	Mech Kinematics of Machinery 2-F-02	29
30	MECH	Dr.G.Janardhan	MECH Mechanical Measurements and Metrology 2-F-10	47
31	MECH	Dr.Sanjay Kumar Gupta	MECH Steam and Gas Turbines 2-F-10	55
32	MECH	Dr.K.Sivaprasadh	Mech Thermodynamics 2-F-02	48
33	MECH	Dr K Lakshmana Rao	Natural Language Processing /Web Application Databases/Cloud Security 5-S-13	14
34	MECH	Mr Abhisek Heyer Krupalin	Software Project Management 5-S-13	10
				1541

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Enhanced Student Perfomance in LCS Enabled Classrooms

Sl.No	Department	Sec	Semwise Pass %					
			IV		VI		VII	
			Class Rooms with LCS	Class Rooms without LCS	Class Rooms with LCS	Class Rooms without LCS	Class Rooms with LCS	Class Rooms without LCS
1	Computer Science Engineering	A	91.43			95.59	98.55	
		B		81.69		92.65		
		C		88	97.1			
2	Electrical And Electronics Engineering	A	61.64		95.38		98.33	
		B		56.52		89.23		98.31
3	Civil Engineering	A	75			88.23		96.42
		B		64.61	93.93		98.24	
4	Electronics And Communications Engineering	A		69.01		94.03		98.46
		B	72.06			95.71	100	
		C		69.86	96.88			98.44
5	Mechanical Engineering	A		68.42		89.39		96.61
		B	75.81			82.35		84.48
		C		72.88	90.14		98.36	
6	Information Technology	A	87.32		93.02		100	
		B		81.33		90.63		97
7	Artificial Intelligence and Machine Learning		81.16					
8	Artificial Intelligence Data Science		80.56					

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CREDITED MOOC COURSES DETAILS

Sl. No	Admitted Batch	Department	JNTU No	Name of the Student	Course Code	Name of the MOOC Course	Pass / Fail
1	2019 Batch	IT	19341A1243	GOLLU AJAY	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
2	2019 Batch	IT	19341A1247	IPPILI PRATHYUSHA	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
3	2019 Batch	IT	19341A1251	KANCHARLA KARTHIK BHAVANI NAGARAJU	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
4	2019 Batch	IT	19341A1254	KARANAM JHANSI	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
5	2019 Batch	IT	19341A1261	KUNCHALA SRAVANTHI	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
6	2019 Batch	IT	19341A1264	MAHADAS BUNNY BHARADWAJ	19ITMC2	Machine Learning: Algorithms in the Real world	PASS
7	2020 Batch	CSE	20341A0578	KADALI ASWIN KUMAR	20ITMC1	Fundamental of Machine Learning	PASS
8	2020 Batch	CSE	20341A0594	KODURI YUGENDRA HANUMA KUMAR	20ITMC1	Fundamental of Machine Learning	PASS
9	2020 Batch	CSE	20341A05B8	MATHI MANICHANDAN	20ITMC1	Fundamental of Machine Learning	PASS
10	2020 Batch	CSE	20341A05C2	MOHAMMED SHAH RIZWAN MALIK	20ITMC1	Fundamental of Machine Learning	PASS
11	2020 Batch	CSE	21345A0501	VESTA PRANATHI	20ITMC1	Fundamental of Machine Learning	PASS
12	2020 Batch	IT	20341A1201	ADAPA SAI KUMAR	20ITMC1	Fundamental of Machine Learning	PASS
13	2020 Batch	IT	20341A1211	BHAVANI GORLE	20ITMC1	Fundamental of Machine Learning	PASS
14	2020 Batch	IT	20341A1217	CHAVVAKULA BHAVITHA	20ITMC1	Fundamental of Machine Learning	PASS
15	2020 Batch	IT	20341A1223	EGIREDDY GIRIJA	20ITMC1	Fundamental of Machine Learning	PASS
16	2020 Batch	IT	20341A1240	KAKARLA DURGAPRASAD	20ITMC1	Fundamental of Machine Learning	PASS
17	2020 Batch	IT	20341A1245	KANITHI PURNA CHANDU	20ITMC1	Fundamental of Machine Learning	PASS
18	2020 Batch	IT	20341A1247	KATTAMURI VISHAL	20ITMC1	Fundamental of Machine Learning	PASS
19	2020 Batch	IT	20341A1264	MATTA NAGESWARARAO	20ITMC1	Fundamental of Machine Learning	PASS
20	2020 Batch	IT	20341A1287	PERUMALI SREEVATSAV	20ITMC1	Fundamental of Machine Learning	PASS
21	2020 Batch	IT	20341A1291	PITHANI THARUN SAI KUMAR	20ITMC1	Fundamental of Machine Learning	PASS
22	2020 Batch	IT	20341A1297	RAJITHA BODDEPALLI	20ITMC1	Fundamental of Machine Learning	PASS
23	2020 Batch	IT	20341A12B8	VANAPALLI GOWTHAM SAI	20ITMC1	Fundamental of Machine Learning	PASS
24	2020 Batch	IT	20341A12B9	VANGALAPUDI DEVI PRIYA	20ITMC1	Fundamental of Machine Learning	PASS
25	2020 Batch	IT	20341A12C1	VELAGA VISHNU VARDHAN	20ITMC1	Fundamental of Machine Learning	PASS
26	2020 Batch	IT	20341A12C2	VELISI NIRMALA PRIYA	20ITMC1	Fundamental of Machine Learning	PASS
27	2020 Batch	IT	20341A12C7	YALAGANTI SAI POLARAJU	20ITMC1	Fundamental of Machine Learning	PASS
28	2019 Batch	CIVIL	19341A0131	GUDIVADA KAMESWARA RAO	19CEM25	Smart Cities and Road Construction	PASS
29	2019 Batch	CIVIL	19341A0188	RATNALA GOPIKRISHNA	19CEM45	Construction Scheduling, Cost Estimating, and Control	PASS
30	2019 Batch	CIVIL	19341A0199	TEKI MAHESH KUMAR	19CEM45	Construction Scheduling, Cost Estimating, and Control	PASS
31	2019 Batch	CIVIL	19341A01A6	YABAJI VINAY KUMAR	19CEM45	Construction Scheduling, Cost Estimating, and Control	PASS
32	2019 Batch	CIVIL	20345A0108	VECHALAPU SRINUVASURAO	19CEM45	Construction Scheduling, Cost Estimating, and Control	PASS

Sl. No	Admitted Batch	Department	JNTU No	Name of the Student	Course Code	Name of the MOOC Course	Pass / Fail
33	2019 Batch	ECE	19341A0473	KAMBAPU DURGA PRASAD REDDY	19ECHON2	Cognitive Networks and Security	PASS
34	2019 Batch	ECE	19341A0475	KANCHARLA LOKESH SUBRAHMANYAM	19ECHON2	Cognitive Networks and Security	PASS
35	2019 Batch	ECE	19341A04D1	RAJAMAHANTI MEHER KIRAN	19ECHON1	FPGA computing systems and FPGA Architectures(MOOCs)	PASS
36	2019 Batch	ECE	19341A04D3	REDDY VENKATESH	19ECHON1	FPGA computing systems and FPGA Architectures(MOOCs)	PASS
37	2019 Batch	ECE	19341A04E9	SHAIK JAVED JANI AHMAD	19ECHON1	FPGA computing systems and FPGA Architectures(MOOCs)	PASS
38	2019 Batch	ECE	19341A04H5	VADDIRAJU VENKATA SATYA SREYA	19ECHON1	FPGA computing systems and FPGA Architectures(MOOCs)	PASS
39	2019 Batch	IT	19341A1243	GOLLU AJAY	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
40	2019 Batch	IT	19341A1247	IPPILI PRATHYUSHA	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
41	2019 Batch	IT	19341A1251	KANCHARLA KARTHIK BHAVANI NAGARAJU	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
42	2019 Batch	IT	19341A1254	KARANAM JHANSI	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
43	2019 Batch	IT	19341A1261	KUNCHALA SRAVANTHI	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
44	2019 Batch	IT	19341A1264	MAHADAS BUNNY BHARADWAJ	19ITMC1	Fundamental of Machine Learning Algorithms (MOOCs)	PASS
45	2020 Batch	CIVIL	20341A0117	CHAVALA NIKHIL	20CEH15	Introduction to Engineering Seismology	PASS
46	2020 Batch	CIVIL	20341A0141	INTI JAGAN	20CEH15	Introduction to Engineering Seismology	PASS
47	2020 Batch	CSE	20341A0578	KADALI ASWIN KUMAR	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
48	2020 Batch	CSE	20341A0594	KODURI YUGENDRA HANUMA KUMAR	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
49	2020 Batch	CSE	20341A05B8	MATHI MANICHANDAN	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
50	2020 Batch	CSE	20341A05C2	MOHAMMED SHAH RIZWAN MALIK	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
51	2020 Batch	CSE	21345A0501	VESTA PRANATHI	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
52	2020 Batch	IT	20341A1201	ADAPA SAI KUMAR	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
53	2020 Batch	IT	20341A1211	BHAVANI GORLE	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
54	2020 Batch	IT	20341A1217	CHAVVAKULA BHAVITHA	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
55	2020 Batch	IT	20341A1223	EGIREDDY GIRIJA	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
56	2020 Batch	IT	20341A1240	KAKARLA DURGAPRASAD	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
57	2020 Batch	IT	20341A1245	KANITHI PURNA CHANDU	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
58	2020 Batch	IT	20341A1247	KATTAMURI VISHAL	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
59	2020 Batch	IT	20341A1264	MATTA NAGESWARARAO	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
60	2020 Batch	IT	20341A1287	PERUMALI SREEVATSAV	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
61	2020 Batch	IT	20341A1291	PITHANI THARUN SAI KUMAR	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
62	2020 Batch	IT	20341A1297	RAJITHA BODDEPALLI	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
63	2020 Batch	IT	20341A12B8	VANAPALLI GOWTHAM SAI	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
64	2020 Batch	IT	20341A12B9	VANGALAPUDI DEVI PRIYA	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
65	2020 Batch	IT	20341A12C1	VELAGA VISHNU VARDHAN	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
66	2020 Batch	IT	20341A12C2	VELISI NIRMALA PRIYA	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS
67	2020 Batch	IT	20341A12C7	YALAGANTI SAI POLARAJU	20ITMC2	Machine Learning Algorithms: Algorithms in the Real World (Mooc-2)	PASS

ACE 26/4/23

CONTROLLER OF EXAMINATIONS

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NPTEL MOOCS Courses (January to April 2023)

S.no	Course Name	Name	College Roll	Certificate Type	Exam Date
1	Programming In Java	Sindiri Sai Sri	21341A05H2	Elite	2023-04-30
2	Data Analytics with Python	Uday kiran Vadaga	21341A4255	Elite	2023-04-30
3	Introduction to Machine Learning	Kakarla Durga Prasad	20341A1240	Elite	2023-04-30
4	Programming In Java	Siva Teja Panigrahi	21341A4243	Elite	2023-04-28
5	Ethical Hacking	SIDDAMURTHI NITIN REDDY	20341A05H4	Successfully completed	2023-04-28
6	Ethical Hacking	ALTHI BHAVANI SANKAR	20341A0510	Successfully completed	2023-04-28
7	Programming In Java	SHAIK HAZEE	21341A05G7	Successfully completed	2023-04-28
8	Data Analytics with Python	Nagoor Basha Shaik	21341A4241	Elite	2023-04-28
9	Data Base Management System	DANTA VASANTH KUMAR	20341a0545	Successfully completed	2023-03-26
10	Data Base Management System	DARAPU SHYAM	20341A0546	Elite	2023-03-26
11	Data Base Management System	DODDI DHANUSH	20341A0551	Elite	2023-03-26
12	Programming, Data Structures And Algorith	ATMAKURI VENKATA SAI MOUNIKA	20341A0516	Elite	2023-03-26
13	Programming, Data Structures And Algorith	DASARI VIGNAN	20341A0548	Elite	2023-03-26
14	Data Base Management System	BHOGI VAMSI KRISHNA	20341A0526	Elite	2023-03-26
15	Programming, Data Structures And Algorith	KETHIREDDY CHAKRADHAR	20341A0592	Successfully completed	2023-03-26
16	Programming, Data Structures And Algorith	AMPOLU DEVI PRIYANKA	20341A0512	Elite	2023-03-26
17	Data Base Management System	GANGIREDDY KUSHWANTH	20341A0559	Elite	2023-03-26
18	Data Base Management System	GODE BALAJI	20341A0564	Successfully completed	2023-03-26
19	Python for Data Science	kella sarath kumar	20341A0591	Elite+Silver	2023-03-26
20	Programming, Data Structures And Algorith	SAI KUMAR ADAPA	20341A1201	Elite	2023-03-26
21	Data Base Management System	Manam Ajay Kumar	21341A4231	Successfully completed	2023-03-26
22	Python for Data Science	SINGAMPALLI SUMA LATHA	20341A05H6	Elite+Silver	2023-03-26
23	Introduction to programming in C	BHOGAPURAPU CHANDU	21341A1218	Successfully completed	2023-03-26
24	Python for Data Science	NARALA VAMSI KRISHNA	20341A05D1	Elite	2023-03-26
25	Python for Data Science	CHAKKA VENKATA SAI KIRAN	20341A0536	Elite+Silver	2023-03-26

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NPTEL MOOCS Courses (July to December 2022)

S.no	Course Name	Name	College Roll no	Certificate Type	Exam Date
1	Introduction To Machine Learning - KGP	Geetika Kopuri	20341A0563	Elite	2022-09-25
2	Introduction To Machine Learning - KGP	ATMAKURI VENKATA SAI MOUNIKA	20341A0516	Elite	2022-09-25
3	Introduction To Machine Learning - KGP	BOTTA SRINU	20341A0532	Successfully completed	2022-09-25
4	Introduction To Machine Learning - KGP	BUGATHA SAI LAKSHMAN	20341A0534	Elite	2022-09-25
5	Introduction To Machine Learning - KGP	Chintha Chandu	20341A0539	Successfully completed	2022-09-25
6	Introduction To Machine Learning - KGP	DARAPU SHYAM	20341A0546	Elite+Silver	2022-09-25
7	Introduction To Machine Learning - KGP	DASARI VIGNAN	20341A0548	Elite	2022-09-25
8	Introduction To Machine Learning - KGP	DODDI DHANUSH	20341A0551	Elite	2022-09-25
9	Introduction To Machine Learning - KGP	SAMBANGI RAJU	20341A05F8	Elite	2022-09-25
10	Introduction To Machine Learning - KGP	BUDDHARAJU AKSHAY KRISHNA VARMA	20341A0533	Elite+Silver	2022-09-25
11	Introduction To Machine Learning - KGP	AMITI NIKHITA	20341a0511	Elite	2022-09-25
12	Introduction To Machine Learning - KGP	BANDI DURGA PRASAD	20341A0519	Successfully completed	2022-09-25
13	Introduction To Machine Learning - KGP	BIMALENDU BIKASH BHOWMIK	20341A0527	Elite	2022-09-25
14	Introduction To Machine Learning - KGP	BHOGI VAMSI KRISHNA	20341A0526	Elite	2022-09-25
15	Programming, Data Structures And Algorithms U:	kella sarath kumar	20341A0591	Elite+Silver	2022-09-25
16	Introduction To Machine Learning - KGP	ALAMANDA SHARMILA	20341a0508	Successfully completed	2022-09-25
17	Introduction To Machine Learning - KGP	ALLADA SARVAN	20341a0509	Elite	2022-09-25
18	Introduction To Machine Learning - KGP	AMPOLU DEVI PRIYANKA	20341A0512	Elite	2022-09-25
19	Programming, Data Structures And Algorithms Us	BALIVADA HARISH	21341A1209	Elite+Silver	2022-09-25
20	Introduction To Machine Learning - KGP	BODA DIVYA	20341A0528	Elite	2022-09-25
21	Introduction To Machine Learning - KGP	DUDDU VENKATESH	20341A0555	Elite+Silver	2022-09-25
22	Introduction To Machine Learning - KGP	GANGIREDDY KUSHWANTH	20341A0559	Elite	2022-09-25
23	Introduction To Machine Learning - KGP	GODE BALAJI	20341A0564	Successfully completed	2022-09-25
24	Introduction To Machine Learning - KGP	kella sarath kumar	20341A0591	Elite+Silver	2022-09-25
25	Introduction To Machine Learning - KGP	AKKINA KUMAR SAI PRADEEP	20341A0505	Elite	2022-09-25
26	Introduction To Machine Learning - KGP	VATTI LOKESWARI	21345A0506	Elite	2022-09-25
27	Introduction To Machine Learning - KGP	RAMANUJAM RAKESH PAVAN	20341A05F3	Elite	2022-09-25
28	Introduction To Machine Learning - KGP	Lakshmi Prasanna Rampem	21345A0505	Elite	2022-09-25
29	Programming, Data Structures And Algorithms Us	Kakarla Durga Prasad	20341A1240	Elite+Silver	2022-09-25
30	Introduction To Machine Learning - KGP	CHUKKA DAMODAR RAJASEKHAR	20341A0543	Successfully completed	2022-09-25
31	Introduction To Machine Learning - KGP	ACHANTI RUTWICK	20341A0502	Elite	2022-09-25
32	Introduction To Machine Learning - KGP	ALTHI BHAVANI SANKAR	Gmr institute of tech	Elite+Silver	2022-09-25
33	Introduction To Machine Learning - KGP	CHEBROLU SRIKANTH	20341A0537	Elite	2022-09-25
34	Introduction To Machine Learning - KGP	CHAKKA VENKATA SAI KIRAN	20341A0536	Elite	2022-09-25
35	Introduction To Machine Learning - KGP	VETSA PRANATHI		Elite	2022-09-25
36	Introduction To Machine Learning - KGP	VIJAYKUMAR PATTIPATI	20341A05E1	Elite	2022-09-25
37	Introduction To Machine Learning - KGP	DANTA VASANTH KUMAR		Elite	2022-09-25
38	Data Structure And Algorithms Using Java	SRIRUPA AVALA	19341A04F8	Elite+Silver	2022-10-30

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Sl.No	Platform	No. of Students Enrolled	No. of Courses Completed
1	Coursera program	1978	5505
2	Google Certification program	1102	801
3			
4			

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Academic Year 2022-23
COURSERA Data

Phase	Duration		Academic Year	Year/Semester	Learners Enrolled	No. of Learners completed one or more courses	No. of Courses Completed
	From	to					
4	28-9-2022	10-3-2023	2022-23	2nd Year/ 3rd Semester	1183	1107	3572
5	10-3-2023	23-8-2023	2022-23	2nd Year/ 4th Semester	775	768	1933
	Total				1978	1875	5505

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Department wise Courses Offered on COURSERA

	Computer Science & Engineering Department
	Phase-4 AY2022-23 CSE/CSE-AIDS/CSE-AIML
	2nd Year/3rd Semester (28-9-2022 to 10-3-2023)
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to Web Development with HTML, CSS, JavaScript
	Phase-5 AY2022-23
	2nd Year/4th Semester (10-3-2023)
1	Alto Networks Cybersecurity
2	Developing Front-End Apps with React
3	Machine Learning for All
4	Introduction to Block chain Specialization
5	Google Data Analytics Capstone: Complete a Case Study
6	Cloud computing basics
7	Data Science Fundamentals for Data Analysts
8	Introduction to the Internet of Things and Embedded Systems
9	Applied Data Science Specialization
10	Operating Systems and You: Becoming a Power User
	CSE-AIDS Department
	Phase-4 AY2022-23 CSE-AIDS
	2nd Year/3rd Semester (28-9-2022 to 10-3-2023)
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to Web Development with HTML, CSS, JavaScript
	Phase-5 AY2022-23
	2nd Year/4th Semester (10-3-2023)
1	Coding interview preparation
2	Programming in python
3	Programming fundamentals
4	Introduction to API's in google
5	Cloud computing basics
6	Data structures and algorithm specialization
7	Google data analytics professional
8	Machine learning specialization
9	Neural networks and deep learning
	CSE-AIML Department
	Phase-4 AY2022-23 CSE-AIML
	2nd Year/3rd Semester (28-9-2022 to 10-3-2023)
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases

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4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to Web Development with HTML, CSS, JavaScript

	Phase-5 AY2022-23 2nd Year/4th Semester (10-3-2023)
1	Coding interview preparation
2	Programming in python
3	Programming fundamentals
4	Introduction to API's in google
5	Cloud computing basics
6	Data structures and algorithm specialization
7	Google data analytics professional
8	Machine learning specialization
9	Neural networks and deep learning

Information Technology Department	
Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**	
1	Computer Science: Algorithms, Theory, and Machines
2	Build Your First Android App (Project-Centred Course)
3	Advanced Data Structures in Java
4	Core Java
5	Programming in Python
Phase-5 4 Sem. AY2022-23 **2nd Year/4th Semester (10-3-2023)**	
1	Machine Learning: Regression
2	Machine Learning: Classification
3	Machine Learning : Clustering and Retrieval
4	Machine Learning : Algorithms in the Real world Specialization
5	Google UX Design Professional Certificate

Electronics & Communication Engineering Department	
Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**	
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to programming in MATLAB
8	Arduino UNO - Interfacing and Programming
Phase-5 AY2022-23 **2nd Year/3rd Semester (10-3-2023)**	
1	Coding for Everyone: C and C++
2	Introduction to Machine Learning
3	Build Your First Android App (Project-centred Course)
4	Introduction To MATLAB
5	Digital Systems: From Logic Gates To Processor

Electrical & Electronics Engineering Department	

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	Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
	Phase-5 AY2022-23 **2nd Year/4th Semester (10-3-2023)**
1	Renewable Energy: Fundamentals and Job Opportunities
2	Electric Vehicles and Mobility
3	Introduction to solar cells
4	Wind Energy
	Mechanical Engineering Department
	Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to Machine Learning
8	Electric Vehicles and Mobility
	Phase-5 AY2022-23 **2nd Year/4t Semester (10-3-2023)**
1	Programming in python
2	Introduction to Web Development
3	Introduction to Machine Learning
4	Data Structures
5	Programming with JavaScript
	Civil Engineering Department
	Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**
1	Programming with JavaScript
2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
7	Introduction to Sustainability
	Phase-5 AY2022-23 **2nd Year/4th Semester (10-3-2023)**
1	BIM Fundamentals for Engineers
2	Autodesk Certified Professional: Civil 3D for Infrastructure Design Exam Prep
3	3-D Cad Fundamental
4	Introduction to Programming with MATLAB
	Chemical Engineering Department
	Phase-4 AY2022-23 **2nd Year/3rd Semester (28-9-2022 to 10-3-2023)**
1	Programming with JavaScript

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2	Programming in python
3	Introduction to Databases
4	Python for Data Science, AI & Development
5	Introduction to Web Development
6	Data Structures
Phase-5 AY2022-23 **2nd Year/4th Semester (10-3-2023)**
1	Chemicals and Health
2	Exploring Renewable Energy Schemes
3	Our Earth: its climate, History and Process
4	Energy, Environment and Everyday life
5	Introduction to Household water treatment and safe storage
6	Environmental Hazards and Global Public Health
7	Ideal gases
8	Introduction to Chemistry: Structures and Solutions
9	Introduction to Environmental Law and Policy
10	Human Health Risks, Health Equity, and Environmental Justice
11	Global Warming I: The Science and Modelling of Climate Change
12	Natural Attenuation of Groundwater Contaminants: New Paradigms, Technologies, and Applications

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Google Certification MOOC Courses
Academic Year 2022-23
Report of Google Certification program for third year students

Total Students Registered	Total Students Completed 100% Course
1102	801

Course wise Data	
Name of Course	**Number of Students Completed 100% Course**
Google Data Analytics	742
Google Digital Marketing and E-commerce	18
Google IT Automation with Python	2
Google IT Support	3
Google Project Management	7
Google UX Design	30

Branch wise Data			
S.No.	**Branch**	**Total Registrations**	**Course completed 100%**
1	IT	144	105
2	ECE	224	179
3	EEE	127	103
4	ME	217	124
5	CSE	216	168
6	CE	137	93
7	Chemical	37	29
	Total	**1102**	**801**

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