SESHADRI RAO
GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India
(Approved by AICTE, New Delhi and Permitted by A.P. State Government)
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Dr. G. V. S. N. R. V. PRASAD
M.S., M.Tech., Ph.D.,
MISTE, MIETE, MIE, MCSI, MISRS, MIAPR, MCRSI
Principal

Department of Civil Engineering

Procedure to determine the proportion of syllabus that has been revised from R17 to R20 curriculum

S. No.	Subject Name
1	Universal Human Values 2: Understanding Harmony
2	Constitution of India
3	Logic Building and Basic Coding Principles
4	Python Programming
5	Programming for corporate
6	Advanced Concrete Technology
7	Project planning and control
8	Advanced Surveying Techniques
9	Building Drafting Studio Lab
10	Problems Solving Enhancement
11	Community Service Project
12	Water Shed Management
13	Solid Waste Management
14	Linguistic Competency Building
15	Construction Technology & Practices
16	Railways, Harbours & Airport Engineering
17	Precast Concrete Structures
18	Earth Retaining Structures
19	Environmental Laws and Policies
20	Remote Sensing & GIS
21	Green Building Technology
22	Basics of Environmental Engineering

No. of Subjects with change in syllabus = X = 22

Total No. of subjects as per curriculum = Y = 84

Percentage of Syllabus Change = $\frac{X}{Y}100 = \frac{22}{84}100 = 26.19\% \approx \mathbf{26\%}$

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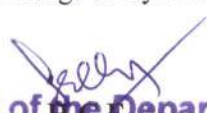
Principal

Department of Civil Engineering

Procedure to determine the proportion of syllabus that has been revised from R14 to R17 curriculum.

S. No.	Subject Name
1	Engineer & Society
2	Applied Mechanics & Building Trade Practice Lab
3	Elements of Mechanics & Electrical Engineering
4	Engineering Geology and Geomatics
5	Interior Design
6	Building Bye-Laws and Scientific Planning
7	Data Structures
8	MOOCs(OE-II)
9	Advanced Strength of Materials
10	GIS and GPS
11	Construction Management
12	Geoinformatics
13	Environmental Sanitation
14	Infrastructure Development
15	Basics of Power Plant Engineering
16	MOOCs(OE-IV)
17	Hydrology
18	Planning for Sustainable Development
19	Smart Buildings and Automation
20	Building Information Modeling
21	Database Management Systems
22	MOOCs(OE-VI)
23	Project Management and Finance
24	Advanced Foundation Engineering
25	Traffic Engineering
26	Hydraulic Structures
27	Geosynthetics
28	Project Scheduling and Contracts
29	Optimization Techniques
30	Entrepreneurship
31	MOOCs(OE-VII)
32	Logistics Infrastructure Engineering
33	Pre-Engineered Buildings
34	Urban Transportation Planning
35	Internship

No. of Subjects with change in syllabus = X = 35

Total No. of subjects as per curriculum = Y =100

Percentage of Syllabus Change = $\frac{X}{Y}100 = \frac{35}{100}100 = 35\%$

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DEPARTMENT OF INFORMATION TECHNOLOGY

1.1 .2: Procedure to determine the proportion of syllabus that has been revised from R17 to R20

S.NO.	SUBJECT NAME
1	Functional English
2	Linear algebra and calculus
3	Applied chemistry
4	C Programming Lab
5	Professional Communication
6	Integral Transforms And Vector Calculus
7	Applied physics lab
8	Basic Electronics
9	R Programming Lab
10	Linux Programming Lab
11	Principals Of Software Engineering
12	Neural Networks And Fuzzy Systems
13	IoT Application Development
14	Competitive Coding
15	Machine Learning
16	Introduction To Recommender System
17	Devops Tools
18	Computer Vision
19	M-Commerce
20	Natural Language
21	Data Visualization Techniques

No. of subjects with change in syllabus=X=21
Total No. of subjects as per curriculum=Y=83
Percentage of Syllabus Change=x/y(100)=21/83=25.3%=25%

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DEPARTMENT OF INFORMATION TECHNOLOGY

1.1 .2: Procedure to determine the proportion of syllabus that has been revised from R14 to R17

S.NO.	SUBJECT NAME
1	Functional English
2	Linear Algebra & Integral Transforms
3	Applied Physics
4	Environmental Studies
5	Chemistry
6	Problem Solving Using C
7	Applied Physics Lab
8	Problem Solving Using C LAB
9	Professional Communication
10	Numerical Methods And Differential Equations
11	Applied physics Lab
12	Engineer And Society
13	Elements of Electronics Engineering
14	Python Programming
15	Principals Of Software Engineering
16	Image Processing
17	Agile Software Development Process
18	Scripting Languages
19	Computer Networks And Data Mining Lab
20	Management Information Systems
21	Big Data Analytics
22	Machine Learning And Pattern Recognition
23	Multimedia Tools
24	Adhoc And Sensor Networks
25	Information Retrieval Systems
26	Big Data Analytics Lab
27	Social Networks
28	Steganography And Biometrics
29	Parallel Computing
30	Virtual And Augmented Reality
31	Internet Of Things
32	Cloud Computing
33	Block Chain Technologies
34	Design Patterns

No. of subjects with change in syllabus=X=34

Total No. of subjects as per curriculum=Y=82

Percentage of Syllabus Change=x/y(100)=34/82=41.46%=42%

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Department of Business and Management Studies

1.1.2 Procedure to Determine the Proportion of Syllabus that has been Revised from R17 to R20 Curriculum

S. No.	Subject Name
1	Business Communication and Skill Development
2	Business Research Methods
3	Human Resource Management
4	Business Policy and Strategic Management
5	Industrial Relations and Labour Laws
6	Retail Management
7	Human Resources Analytics
8	Management of Retail Operations

No. of Subjects with change in Syllabus = X = 3

Total Number of subjects as per curriculum = Y = 33

Percentage of Syllabus Change = $\frac{X}{Y} \times 100 = \frac{8}{33} X 100 = 24.24\% \approx 24\%$

Head of the Department

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Department of Business and Management Studies

1.1.2 Procedure to Determine the Proportion of Syllabus that has been Revised from R14 to R17 Curriculum

S. No.	Subject Name
1	Perspectives of Management
2	Quantitative Analysis for Business Decisions
3	Organizational Behaviour
4	International Business
5	Business Environment and Legislation
6	E-Business
7	Training and Development
8	Industrial Relations and Labour Laws
9	Sales & Distribution Management
10	Compensation Management

No. of Subjects with change in Syllabus = X = 10

Total Number of subjects as per curriculum = Y = 32

Percentage of Syllabus Change = $\frac{X}{Y} \times 100 = \frac{10}{32} \times 100$ = 31.25% ≈ 31%

Head of the Department   **PRINCIPAL**

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