

**GOVERNMENT DEGREE COLLEGE, DUBBAK****Department Action Plan 2021-2022 A.Y.**

Department Name: Computer Science &amp; Applications

<b>SNo</b>	<b>Agree Goal</b>	<b>Plan</b>	<b>Time Line</b>	<b>Resources</b>	<b>Remarks</b>
1	Compltion of Syllabus	Planned to Compltion of Syllabus as per the OU Almanac for Even And Odd Semesters	2021-2022 AY	Department Of Computer Science And Applications	Sucessfully Completed
2	Computer Litercy Day	planned to Celebrate Computer Litercy Day i.e. December 2nd	2021-2022 AY Every Year	Department Of Computer Science And Applications	Sucessfully Conducted
3	Quizz,Seminars, Group Discussions	planned to Conduct Quizz,Seminars, Group Discussion	2021-2022 AY	Department Of Computer Science And Applications	Sucessfully Conducted
4	Internal and Lab Exams	planned to Conduct Internal and Lab Examinations	2021-2022 AY	Department Of Computer Science And Applications	Sucessfully Conducted
5	Certificate Course	planned to Conduct Certificate Course for Non Computer Students for improving Computer Skills	2021-2022 AY	Department Of Computer Science And Applications	Due to Covid-19 Not Conducted
6	Student study Project	Planned to motivate the students for Study projects in computer Subjects	2021-2022 AY For Final Year Students	Department Of Computer Science And Applications	Sucessfully Conducted
7	Extension Lecture/ Guest Lecture	Planned to Conduct year wise in 2020-2021 AY	2021-2022 AY	With the Experienced Faculty	Due to Covid-19 Not Conducted

## **Certificate Course Details 2021-2022 A.Y.**

### **Proposed Syllabus:**

**Compuer Skills Certificate Course:**

1. Fundamental of Computers & Information Technology
2. Introduction to operating Systems(DOS, windows, Linux)
3. PC Packages
4. MS-Office
5. Programming with C
6. Internet & E-commerce



### **Note:**

Certificate Course	Proposed to Conduct Certificate Course for Non Computer Students for improving Computer Skills	Department Of Computer Science And Applications	Due to Covid-19 Not Conducted
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**A Student Study Project Report**  
**On**  
**“The Consideration of Handling Tradesmen data on Cloud Storage”**  
**B.Sc. M.P.Cs.**

**06023-19-468-001      DAVATH DEEPIKA**  
**6023-19-468-003      KARROLLA AKSHATHA**

**Under the Esteemed Supervision of**  
**NEERADI ANJANEYULU**  
**Lecturer in Computer Science**



**Department Of Computer Science**  
**GOVERNMENT DEGREE COLLEGE, DUBBAK**  
**(Affiliated to OSMANIA UNIVERSITY)**  
**Dist: SIDDIPET, TELANGANA STATE – 502108.**  
**2021- 2022 AY**

# ABSTRACT

The rapid growth in admin-generated content on the Internet is an example of how bottom-up interaction can, under some circumstances, effectively solve problems that previously required explicit management by teams of experts. The cloud computing paradigm has achieved widespread adoption in recent years. Its success is due largely to customers' ability to use services on demand with a pay-as-you go pricing model, which has proved convenient in many respects.

Low costs and high flexibility make migrating to the cloud compelling. Despite its obvious advantages, however, many companies hesitate to "move to the cloud," mainly because of concerns related to service availability, data lock-in, and legal uncertainties. generally high, outages still occur. Businesses locked into such a cloud are essentially at a standstill until the cloud is back online. Moreover, public cloud providers generally don't guarantee Particular service level agreements (SLAs).

- ❖ That businesses locked into a cloud have no guarantees that it will continue to provide the required quality of service (QoS). Finally, most public cloud providers' terms of service let that provider unilaterally change pricing at any time. Hence, a business locked into a cloud has no mid- or long term Control over its own IT costs. At the core of all these problems, we can identify a need for businesses to permanently monitor the cloud they're using and be able to rapidly "change horses" that is, migrate to a different cloud if they discover problems or if their estimates predict future issues. However, migration is currently far from trivial.
- ❖ Here, we introduce the concept of a Meta cloud that incorporates design time and runtime components. This Meta cloud would abstract away from existing offerings' technical incompatibilities, thus mitigating tradesmen lock-in. It helps users find the right set of cloud services for a particular use case and supports an application's initial deployment and runtime migration.

This chapter describes the entire project document, purpose, and motivation behind the development of the system, basic organization of dissertation and description of other chapter of this system.

## **1.1 Project Introduction**

The rapid growth in admin-generated content on the Internet is an example of how bottom-up interaction can, under some circumstances, effectively solve problems that previously required explicit management by teams of experts. The cloud computing paradigm has achieved widespread adoption in recent years. Its success is due largely to customers' ability to use services on demand with a pay-as-you go pricing model, which has proved convenient in many respects. Low costs and high flexibility make migrating to the cloud compelling. Despite its obvious advantages, however, many companies hesitate to "move to the cloud," mainly because of concerns related to service availability, data lock-in, and legal uncertainties.

## **1.2 Project Motivation**

- ❖ Lock in is particularly problematic. For one thing, even though public cloud availability is generally high, outages still occur. Businesses locked into such a cloud are essentially at a standstill until the cloud is back online. Moreover, public cloud providers generally don't guarantee Particular service level agreements (SLAs).
- ❖ That businesses locked into a cloud have no guarantees that it will continue to provide the required quality of service (QoS). Finally, most public cloud providers' terms of service let that provider unilaterally change pricing at any time. Hence, a business locked into a cloud has no mid- or long term Control over its own IT costs. At the core of all these problems, we can identify a need for businesses to permanently monitor the cloud they're using and be able to rapidly "change horses" that is, migrate to a different cloud if they discover problems or if their estimates predict future issues. However, migration is currently far from trivial.
- ❖ Cloud providers are flooding the market with a confusing body of services, including compute services such as the E-Commerce Elastic Compute Cloud (EC2) and VMware VCloud, or key-value stores, such as the E Commerce Simple Storage Service (S3). Some of these services are conceptually comparable to each other, whereas others are vastly different, but they are all, ultimately, technically in compatible and follow no standards but their own. To further complicate the situation, many companies not only build on public clouds for their cloud computing needs, but combine public offerings with their own private clouds, leading to so-called hybrid cloud setups.

- ❖ Here, we introduce the concept of a Meta cloud that incorporates design time and runtime components. This Meta cloud would abstract away from existing offerings' technical incompatibilities, thus mitigating tradesmen lock-in. It helps users find the right set of cloud services for a particular use case and supports an application's initial deployment and runtime migration.

### **1.3 Contribution of Dissertation**

Java has had a profound effect on the Internet. This is because: Java expands the Universe of objects that can move about freely in cyberspace. Programs are connected with JSP. If you need to display dynamic data in your HTML document, it will take a lot of work to edit time the date changes.

With JSP, data can be stored in separate JSP files. This way you can concentrate on using HTML/CSS for display and layout and be sure that changes in the underlying data will not require any changes the data content of our webpages. JSP data stored in text format.

This provides a software and hardware independent way of storing data. Exchanging data as JSP greatly reduces, since the data can be read by different incompatible applications. By using JSP it makes easier to expand or upgrade to new operating system, new applications or new browsers, without losing data.

## **1.4 Organization of Dissertation**

There are Four Chapters in the “**The Consideration of Handling Tradesmen data on Cloud Storage**”. Each chapter deals with the explanation regarding the following. The following each paragraph describes the each chapter of this book.

**Chapter I** Provides an introduction to the existing system presents the proposed system to overcome the limitations of the existing system.

**Chapter II** Review of the state of art of the system environment and the system development environment are explained. The system development environment includes hardware and software requirements.

### **Chapter III**

- ❖ Describes the Unified Modeling Language basics. This chapter also presents different diagrams such as use case, class, activity, and sequence diagrams.
- ❖ Coding the implementation of the system is discussed in detail. As part of implementation the sample code are explained.
- ❖ Presents various screens available during execution of project.
- ❖ Provides the software testing basics and project test cases.

### **Chapter IV Summary & Conclusions**

Summery and Conclusions of the Meta cloud can help mitigate project of Handling Tradesmen data on Cloud Storage and promises transparent use of cloud computing services. Most of the basic technologies necessary to realize the meta cloud already exist, yet lack integration. Thus, integrating these state-of-the-art tools promises a huge leap toward the meta cloud.

# BIBLIOGRAPHY

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- [2] Marios D. Dikaiakos, Asterios Katsifodimos, and George Pallis. Minersoft: Software retrieval in grid and cloud computing infrastructures. *ACM Transactions on Internet Technology (ACM TOIT)*, 12(1), July 2012.
- [3] Bhaskar Prasad Rimal, Eunmi Choi, and Ian Lumb. A Taxonomy and Survey of Cloud Computing Systems. In *International Conference on Networked Computing and Advanced Information Management*, pages 44–51, Los Alamitos, CA, USA, 2009. IEEE Computer Society.
- [4] James Skene, D. Davide Lamanna, and Wolfgang Emmerich. Precise Service Level Agreements. In *Proceedings of the 26th International Conference on Software Engineering (ICSE'04)*, pages 179–188, Washington, DC, USA, 2004. IEEE Computer Society.
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- [3] <http://www.java2s.com/>
- [4] <http://libcloud.apache.org/>
- [5] <http://fog.io/> 4<http://www.jclouds.org/>
- [6] <http://aws.amazon.com/cloudformation/>
- [7] <https://www.oasis-open.org/committees/tosca/>
- [8] <http://www.opscode.com/chef/> 8<http://puppetlabs.com/> 9<http://juju.ubuntu.com>



## Government Degree College -DUBBAK

Computer Science And Applications Paper wise&SEM wise Result Analysis 2021-2022 A.Y.

Lecturer Name: N Anjaneyulu

Sno	Name of the Group	Semester	Subject Name	No. of students Appeared	No. of students Passed	Total pass %
1	BCOM CA	I	FIT	27	16	59.25
<b>I SEM Result</b>				<b>27</b>	<b>16</b>	<b>59.25</b>
2	BCOM CA	II	Prog. With C&C++	23	11	47.82
<b>II SEM Result</b>				<b>23</b>	<b>11</b>	<b>47.82</b>
3	BCOM CA	III	RDBMS	5	4	80
4	BCCs	III	DS	1	1	100
5	BACA	III	DS	1	0	0
<b>III SEM Result</b>				<b>7</b>	<b>5</b>	<b>71.42</b>
6	BCOM CA	IV	WT	5	2	40
7	BCCs	IV	DBMS	1	1	100
8	BACA	IV	MMS	1	0	0
<b>IV SEM Result</b>				<b>7</b>	<b>3</b>	<b>42.85</b>
9	BCOM CA	V	ECOMMERCE	6	6	100
10	MPCS	V	Prog. In Java	2	2	100
<b>V SEM Result</b>				<b>8</b>	<b>8</b>	<b>100</b>
11	BCOM CA	VI	Cyber Security	6	6	100
12	MPCS	VI	WT	2	1	50
<b>VI SEM Result</b>				<b>8</b>	<b>7</b>	<b>87.5</b>
<b>Total</b>				<b>80</b>	<b>50</b>	<b>62.5</b>

<b>B.Com. C.A. III Year 2021-2022 A.Y.</b>				
<b>Internal Attendance Details</b>				
<b>Lecturer Name: N Anjaneyulu</b>				
<b>S.No.</b>	<b>Ht.No.</b>	<b>Student Name</b>	<b>V SEM</b>	<b>VI SEM</b>
1	602319405003	B ANJALI	Present	Present
2	602319405004	B ARCHANA	Present	Present
3	602319405005	B SUREKHA	Present	Present
4	602319405007	B VENUMADAV	Present	Present
5	602319405008	J RAJESHWARI	Present	Present
6	602319405016	V SRUJAN KUMAR	Present	Present
No. of Students Attended			<b>6/6</b>	<b>6/6</b>

<b>B.Sc. M.P.Cs. III Year 2021-2022 A.Y.</b>				
<b>Internal Attendance Details</b>				
<b>Lecturer Name: N Anjaneyulu</b>				
<b>S.No.</b>	<b>Ht.No.</b>	<b>Student Name</b>	<b>V SEM</b>	<b>VI SEM</b>
1	602319468001	D DEEPIKA	Present	Present
2	602319468003	K AKSHATHA	Present	Present
No. of Students Attended			<b>2/2</b>	<b>2/2</b>

<b>B.Com. C.A. II Year 2021-2022 A.Y.</b>				
<b>Internal Attendance Details</b>				
<b>Lecturer Name: N Anjaneyulu</b>				
<b>S.No.</b>	<b>Ht.No.</b>	<b>Student Name</b>	<b>III SEM</b>	<b>IV SEM</b>
1	602320405001	B CHANDRASHEKAR	Present	Absent
2	602320405002	B RAVALI	Present	Present
3	602320405006	D BHARGAVI	Present	Present
4	602320405007	D LAHARI	Present	Present
5	60232040512	R KAMAL	Present	Present
6	602320405013	Y RENUKA	Present	Present
7	602319405014	S ANOOPVARDHAN RAJ	Present	Present
No. of Students Attended			<b>7/7</b>	<b>6/7</b>

**B.Com. C.A. II Year 2021-2022 A.Y.****Internal Attendance Details****Lecturer Name: N Anjaneyulu**

S.No.	Ht.No.	Student Name	III SEM	IV SEM
1	602321405001	A KIRAN KUMAR	Present	Present
2	602321405002	B YELLAM	Present	Present
3	602321405003	B PRASHANTH	Present	Present
4	602321405005	CH NAVEEN	Present	Present
5	602321405006	D AKILA	Present	Present
6	602321405007	D MADUKAR	Present	Present
7	602321405009	D PRANEETH	Present	Present
8	602321405012	G RAHUL	Present	Present
9	602321405013	J KEERTHANA	Present	Present
10	602321405014	K BHANU	Present	Present
11	602321405015	K SANTHOSH	Present	Present
12	602321405016	K THARUN	Present	Present
13	602321405017	K KAVERI	Present	Present
14	602321405018	K LAVANYA	Present	Present
15	602321405020	K KALPANA	Present	Present
16	602321405021	L SRIVANI	Present	Present
17	602321405022	M NANDINI	Present	Present
18	602321405023	M AKHILA	Present	Present
19	602321405024	M VISHAL	Present	Present
20	602321405026	Md NAWAZ	Present	Present
21	60232140527	M ABHILASH	Present	Present
22	602321405028	N SHRAVYA	Present	Present
23	602321405029	P RAHUL	Present	Present
24	602321405030	P RAJU	Present	Present
25	602321405033	S RAJAVAMSHI	Present	Present
26	602321405034	T VAMSHI	Present	Present
27	602321405035	V BHANU CHARY	Present	Present
28	602321405036	V SANGEETHA	Present	Present
No. of Students Attended			<b>28/28</b>	<b>28/28</b>

**B.A. C.A. II Year 2021-2022 A.Y.****Internal Attendance Details****Lecturer Name: N Anjaneyulu**

S.No.	Ht.No.	Student Name	III SEM	IV SEM
1	602320352501	G MAHESH	Present	Present
No. of Students Attended			<b>1/1</b>	<b>1/1</b>

**B.Sc. Life Sci. II Year 2021-2022 A.Y.**

**Internal Attendance Details**

**Lecturer Name: N Anjaneyulu**

<b>S.No.</b>	<b>Ht.No.</b>	<b>Student Name</b>	<b>III SEM</b>	<b>IV SEM</b>
1	602320482001	M AKANKSHA	Present	Present
No. of Students Attended			<b>1/1</b>	<b>1/1</b>

**Details of activities conducted for students for Future Employment/Competitive Examinations&Higher Education**

**Neeradi Anjaneyulu**  
**Department of Computer Science And Applications**  
**Govt. Degree College Dubbak**

**Objective:** Conducting awareness programs

Conducted sessions and provided materials to students for Future Employment/Competitive Examinations&Higher Education(P.G.,B.Ed. Entrance Examinations)

**Outcome:** Significant Result of the following students scored good marks&ranks and got P.G./B.Ed. Seats in reputed Colleges in the Academic Year of 2021-2022.

<b>SNo.</b>	<b>Ht.No.</b>	<b>Name Of The Student</b>	<b>Group</b>	<b>Getting Ranks in</b>
1	602319468003	KARROLLA AKSHATHA	B.Sc.MPCs	B.Ed.
2	602319405003	B ANJALI	B.Com. C.A.	M.Com.
3	602318468001	A VANDANA	B.Sc.MPCs	ICET (MCA/MBA)

## Department Library Details

**Neeradi Anjaneyulu**  
**Department of Computer Science And Applications**  
**Govt. Degree College Dubbak**

**Objective:** Computer Science And Applications Department Library Details

<b>Computer Science And Applications Department Library Details</b>			
<b>S. No.</b>	<b>Book Name</b>	<b>Publisher Name</b>	<b>No of Books</b>
1	<b>Computer Science OOPs in C++</b>	Rahul Publications	01
2	<b>Basic Computer Skills</b>	Rahul Publications	01
3	<b>Database Management Systems</b>	SIA Publications	01
4	<b>Multimedia Systems</b>	SIA Publications	01
5	<b>Java and DS</b>	SIA Publications	01
<b>Total Books</b>			<b>05</b>

## Computer Science And Application Department Innovative Practice

**Neeradi Anjaneyulu**  
**Department of Computer Science And Applications**  
**Govt. Degree College Dubbak**

**Innovative Practice: Open Book Programming Test for 2021-2022 AY**

**Objective: Student will understand how to work in team, also learn how to code step by step for programming**

<b>S. No.</b>	<b>Innovative Practice</b>	<b>Name of Faculty</b>	<b>Subject /Topic</b>	<b>Year</b>	<b>Outcome</b>	<b>No. of Beneficiaries</b>
1.	<b>Open Book Programming Test</b>	<b>Neeradi Anjaneyulu</b> Lecturer in Computer Science And Applications GDC Dubbak	Object Oriented Programming	II&III	<b>Test Program Coding Skills. i.e. Student will understand how to work in team, also learn how to code step by step</b>	1. K AKSHATHA 2. B ANJALI 3. B ARCHANA 4. B SUREKHA 5. VENUMAHAV 6. D BHARGAVI 7. D LAHARI 8. Y RENUKA 9. M AKANKSHA

## Details of the Significant Achievements of the Department

**Neeradi Anjaneyulu**  
**Department of Computer Science And Applications**  
**Govt. Degree College Dubbak**

**Objective: `**

Conducted sessions and provided materials to students for Future Employment/Competitive Examinations&Higher Education

**Outcome:** Significant Result of the following students scored good marks in Computer Subject like 'O' grades and got in P.G./B.Ed. Ranks and Seats in reputed Colleges in the Academic Year of 2020-2021. And also studnets work as a employeoes with this Bachelor Degree.

e

<b>Government Degree College,Dubbak</b>				
<b>Details of the Department Significant Achievements for students</b>				
<b>Got in P.G. Ranks upto 2021-2022 A.Y</b>				
SNO	Student Name	Group	Getting Ranks in	Academic Year
1	E SUSMITHA	B.Sc.MPCs	ICET (MCA/MBA)	2019-2020 AY
2	D MAHESH	B.Sc.MPCs	M.Sc.	2019-2020 AY
3	I SHIVA KUMAR	B.Sc.MPCs	ICET (MCA/MBA)	2019-2020 AY
4	P SUDHAKAR	B.Sc.MPCs	ICET (MCA/MBA)	2019-2020 AY
5	A NAVEEN	B.Com.C.A.	ICET (MBA)	2019-2020 AY
6	S SRIKANTH	B.Com.C.A.	ICET (MBA)	2019-2020 AY
7	B SUSMITHA	B.Sc.MPCs	ICET (MCA/MBA)	2020-2021 AY
8	K RAMYA	B.Sc.MPCs	ICET (MCA/MBA)	2020-2021AY
9	S SINDHOOJA	B.Sc.MPCs	ICET (MCA/MBA)	2020-2021AY
10	MD. SHADUL	B.Com.C.A.	ICET (MBA)	2020-2021 AY
11	M KAVITHA	B.Com.C.A	B.Ed.	2020-2021 AY
12	A VANDANA	B.Sc.MPCs	ICET (MCA/MBA)	2021-2022 A.Y
13	KARROLLA AKSHATHA	B.Sc.MPCs	B.Ed.	2021-2022 A.Y
14	B ANJALI	B.Com. C.A.	M.Com.	2021-2022 A.Y



<b>Government Degree College,Dubbak</b> <b>Details of the Department Significant Achievements for</b> <b>Student got 'O' Grades in</b> <b>University Exams(Computer Subject)</b>			
Sno.	Group	Student Name	'O' Secured Subjects
1	BSc MPCs	E SUSMITHA	Operating System
2	BSc MPCs	B DIVYA	Computer Networks
3	BSc MPCs	S RAJITHA	Computer Networks
4	BSc MPCs	G Bhavani	Java Programming
5	BSc MPCs	B Susmitha	Operating System
6	BSc MPCs	K Ramya	Computer Networks
7	Bcom CA	B Rakesh	Ecommerce
8	BSc MPCs	V Shravani	Ecommerce
9	BCOM CA	D VENUMADHAV	Cyber Security
10	BCOM CA	A KIRAN KUMAR	Prog. With C&C++

<b>Government Degree College,Dubbak</b> <b>Details of the Department Significant Achievements for Student</b> <b>Working As a Employee</b>			
S.No	Student Name	Working As a Employee After Degree	Place Of Working
1	E Susmitha	Software Engineer	Capgemini Technology Services India Limited
2	P Prashanth	Office Executive	Rich Hospitals
3	B Rakesh	Office Executive	Win Vision Eye Hospital
4	K Anitha	Office Executive	Kushi Inner Transformations
5	Y Narsimlu	Data Entry Operator	Aditya Diagnostics
6	T Narendal	Sales Executive	TVS Showroom