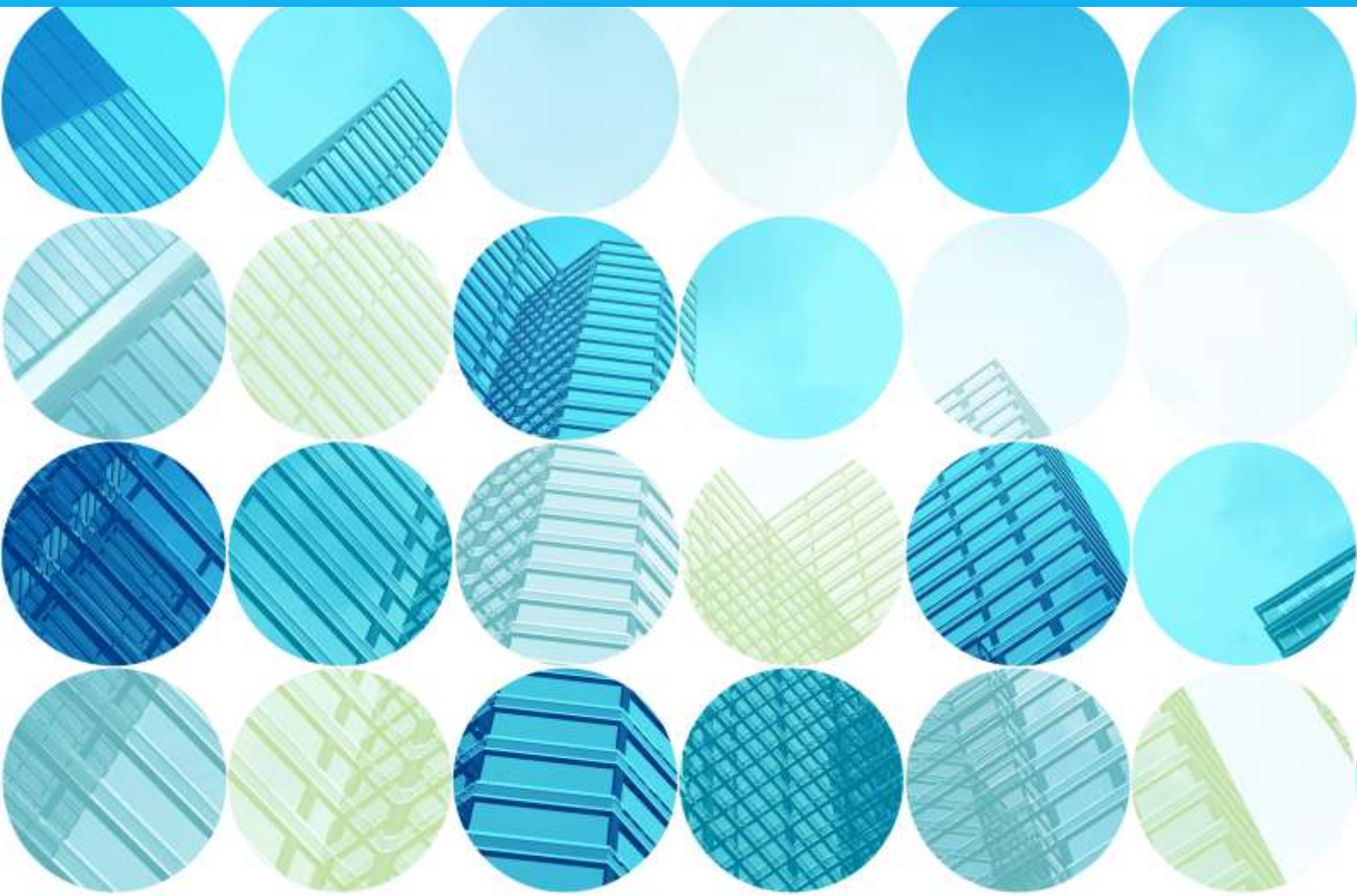
Memorandum of Understanding

Between

Department of Computer Sciences CKM Aided College, (A) Warangal

&

Department of Computer Sciences, KGC Hanumakonda



Department of Computer Sciences

Kakatiya Government College Hanamkonda

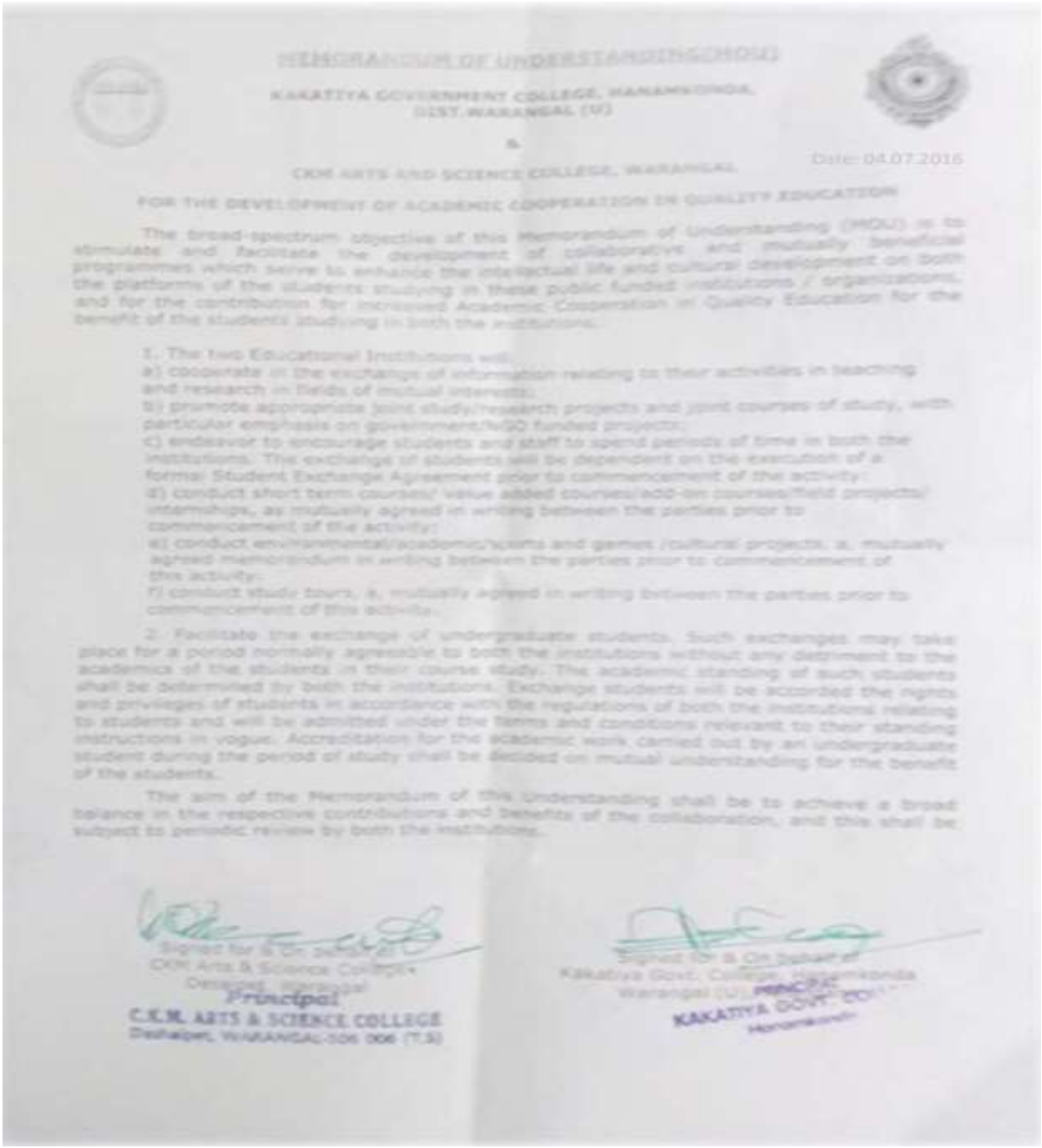
Telangana State

. YEAR WISE ACTIVITIES UNDER MOU

MoU Signed With	Year of Signing	Duration	Year Wise Activities	List the actual activities under each MOU and web links year-wise
CKM Aided Degree College, Warangal	2016	3Yrs	2016-17	Extension Lecture by T.Aruna ,Lecturer in Computer Science on 05-08-2016
			2017-18	Extension Lecture by T.Aruna, Lecturer in Computer Science on 23.10.2017
			2017-18	Extension Lecture by V. Venkateshwarlu, Lecturer in Computer Science on 08.11.2017

Place: Hanumakonda

Memorandum of Understanding between Department of Computer Science CKM College, Warangal and Department of Computer Science KGC Hanumakonda



MEMORANDUM OF UNDERSTANDING(MOU)

KAKATIYA GOVERNMENT COLLEGE, HANAMKONDA,
DIST.WARANGAL (U)

&

CKM ARTS AND SCIENCE COLLEGE, WARANGAL

Date: 04.07.2016

FOR THE DEVELOPMENT OF ACADEMIC COOPERATION IN QUALITY EDUCATION

The broad-spectrum objective of this Memorandum of Understanding (MOU) is to stimulate and facilitate the development of collaborative and mutually beneficial programmes which serve to enhance the intellectual life and cultural development on both the platforms of the students studying in these public funded institutions / organizations, and for the contribution for increased Academic Cooperation in Quality Education for the benefit of the students studying in both the institutions.

1. The two Educational Institutions will:
a) cooperate in the exchange of information relating to their activities in teaching and research in fields of mutual interests;
b) promote appropriate joint study/research projects and joint courses of study, with particular emphasis on government/NGO funded projects;
c) endeavor to encourage students and staff to spend periods of time in both the institutions. The exchange of students will be dependent on the execution of a formal Student Exchange Agreement prior to commencement of the activity;
d) conduct short term courses/ value added courses/add-on courses/field projects/ internships, as mutually agreed in writing between the parties prior to commencement of the activity;
e) conduct environmental/academic/sports and games /cultural projects, a mutually agreed memorandum in writing between the parties prior to commencement of this activity;
f) conduct study tours, a mutually agreed in writing between the parties prior to commencement of this activity.

2. Facilitate the exchange of undergraduate students. Such exchanges may take place for a period normally agreeable to both the institutions without any detriment to the academics of the students in their course study. The academic standing of such students shall be determined by both the institutions. Exchange students will be accorded the rights and privileges of students in accordance with the regulations of both the institutions relating to students and will be admitted under the terms and conditions relevant to their standing instructions in vogue. Accreditation for the academic work carried out by an undergraduate student during the period of study shall be decided on mutual understanding for the benefit of the students.

The aim of the Memorandum of this Understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration, and this shall be subject to periodic review by both the institutions.

Signed for & On behalf of
CKM Arts & Science College,
Principal
C.K.M. ARTS & SCIENCE COLLEGE

Signed for & On behalf of
Kakatiya Govt. College, Hanamkonda
Warangal (U)
PRINCIPAL
KAKATIYA GOVT. COLLEGE

To establish the cooperation in the exchange of information relating to activities in teaching and for the development of Academic cooperation in quality education between the public funded institutions such as Kakatiya Government College, Hanamkonda , Warangal Urban and CKM Arts & Science College, Warangal, entered in to Memorandum of Understanding (MoU) in the year 2016 .

Activities Conducted under MoU in 2016

EXTENSION LECTURE ON LOOPS & CONTROL STRUCTURE

05-08-2016

K. Aruna, Lecturer, CKM Arts & Science College, Warangal delivering an extension lecture on ***Loops & Control Structures*** as part of faculty sharing on 05.08.2016

Student's participation in the programme on 05-08-2016

Topic: Loops & Control Structures

Content covered: Control Structures

Repetition Statements

- Repetition statements are called loops, and are used to repeat the same code mulitple times in succession.
- The number of repetitions is based on criteria defined in the loop structure, usually a true/false expression

1. The three loop structures in C++ are:
   - ✓ **while** loops
   - ✓ **do-while** loops
   - ✓ **for** loops

Three types of loops are not actually needed, but having the different forms is convenient

While and do-while loops

Format of while loop:

While (expression)

Statement

While (expression);

The expression in these formats is handled the same as in the if/else statements discussed previously (0 means false, anything else means true), The "statement" portion is also as in if/else. It can be a single statement or a compound statement (a block { }).

The for loop

The **for** loop is most convenient with counting loops -- i.e. loops that are based on a counting variable, usually a known number of iterations

Format of for loop:

Activities under MoU in 2017-18

EXTENSION LECTURE ON CONTROL STRUCTURES

23.10.2017

K. Aruna, Lecturer, CKM Arts & Science College, Warangal delivering an extension lecture on ***Control Structures*** as part of faculty sharing on 23-10-2017

Student's participation in the programme on 23-10-2017

EXTENSION LECTURE ON JAVA DATA BASE CONNECTIVITY

08-11-2017

V. Venkateshwarlu Lecturer in Computer sciences, CKM Arts and Science College, Warangal delivering an extension lectures on ***Java Data Base connectivity*** as a part of Faculty exchange on 08-11-2017

Topic: Java Database Connectivity

Resources Used: LCD Projector.

Content covered: Java Data Base Connectivity

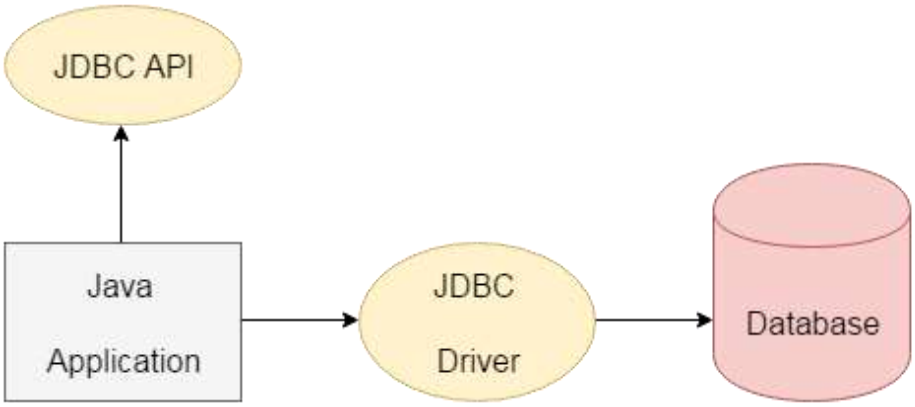
Java JDBC Tutorial

JDBC stands for Java Database Connectivity. JDBC is a Java API to connect and execute the query with the database. It is a part of JavaSE (Java Standard Edition). JDBC API uses JDBC drivers to connect with the database. There are four types of JDBC drivers:

- JDBC-ODBC Bridge Driver,
- Native Driver,
- Network Protocol Driver, and

- Thin Driver

By the help of JDBC API, we can save, update, delete and fetch data from the database. It is like Open Database Connectivity (ODBC) provided by Microsoft.



A list of popular *interfaces* of JDBC API are given below

- Driver interface
- Connection interface
- Statement interface
- Prepared Statement interface
- Callable Statement interface
- Result Set interface
- Result Set MetaData interface
- Database Meta Data interface
- Row Set interface

A list of popular *classes* of JDBC API are given below

- Driver Manager class
- Blob class
- Clob class
- Types class

EXTENSION LECTURE ON

LATEST TRENDS IN COMPUTER TECHNOLOGY

22.10.2018

K. Aruna Lecturer in Computer Science delivered an extension Lecture on ***Latest Trends in Computer Technology*** on 22-10-2018

EXTENSION LECTURE ON WEBTECHNOLOGY

28.11.2019

K. Aruna Lecturer in Computer Sciences C.K.M Arts and Science College delivered an Extension Lecture on ***Web Technology*** on 28.11.2019

***