



PARVATHANENI BRAHMAYYA(P.B.)

**SIDDHARTHA COLLEGE OF ARTS & SCIENCE**

VIJAYAWADA, ANDHRA PRADESH

Autonomous Since 1988

NAAC Accredited at 'A+' (Cycle III)

ISO 9001:2015 Certified



### **2.5.3 Information Technology Integration & Reforms in Examination Procedures & Processes, 2021-2022**

The Institution is implementing the Examination Reforms frequently to improve *Examinations Procedures, Integrating Tools of Information Technology and Student Support*. The examination section of the institution has efficient *Examination Management System* for maintaining online data of *Students and Staff* related records, to extend services to various stake holders of the institution.

The main function of *Examination Management System* is to store complete data on its dedicated *Local Server* and also on *Cloud Securely*. The IT integration has rationalized the whole examination procedure and has raced up the operational mechanism, while making the complete process more transparent.

The institution has developed *Customized Software* which includes the following practices

- *Semester-End Examination Applications* received from candidates are registered and data is computerised.
- *Time Table* is prepared and data entry is made.
- Hall Tickets are generated and printed with relevant time table with dates and time of examination for which the candidate has registered.
- Datewise and sessionwise list of candidates is generated and printed.
- Code numbers to be printed on answer scripts are autogenerated.
- Marks scored by students in CIA are recorded by data entry in database.
- Marks awarded by external examiners in *Semester-end Examination* are entered twice by two different data entry operators to find out mistakes in data entry.

- Data is validated by two manual checks. (Code Numbers versus Roll Numbers versus Marks)
- Register of *Tabulated Marks* is generated and printed.
- Moderation of marks is done by Additional Controller and Controller as per rules approved in meetings of the Academic Council.
- *Marks Sheets / Grade Sheets* are printed.
- Results are announced after getting approval from the Principal.
- Students can avail the facility of Revaluation after the release of Results. If the students benefits in revaluation the marks awarded after revaluation is considered.