



Bharatiya Seva Sadan's
Smt. Radhadevi Goenka College for Women
NAAC Reaccredited Grade B+ with CGPA 2.71
Junior, Senior & Postgraduate Multi Disciplinary College
Affiliated to Sant Gadge Baba Amravati University, Amravati . (M.S.)
(Certified Minority Institution)

*1.3.3. Percentage of students undertaking project work / field work /
internship (Data for the Latest completed academic year)*

**Bachelor of Computer Application (B.C.A.) Project Work
Program Details, List of Students & Syllabus**

Session: 2020-21



Criterion I : Curriculum Aspects



Estd. 1965

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CERTIFICATE

This is to certify that the documents attached in Criterion I
Curricular Aspects are verified and found correct to the best of my
knowledge.


Dr. Devendra Vyas
Principal
PRINCIPAL
Smt. Radhadevi Goenka College
For Women, AKOLA.

Jr. College - Index 01.01.007 | UDISE - 27050117185 | College Code - 207

Near Neheru Park, Murtijapur Road, Akola 444001

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Criterion I : Curriculum Aspects

Smt. Radhadevi Goenka College for Women, Akola

B.C.A. III Sem.VI

List of Student

Session – 2020-21

Sr. No.	Roll No.	Full Name	Phone
1	70771	AKRUTI RAHUL THAKUR	8208904475
2	70772	ANJALI GAJANAN DALKE	8956480414
3	70773	BHAGYASHRI DHANANJAY WANKHADE	9922170255
4	70774	CHUMKI KARTICK PANJA	9518923880
5	70775	DARSHANA SANJAY TARAL	8830041228
6	70776	DEVIKA SHAM CHOPADE	9370673187
7	70777	DIPIKA LEKHRAM KASHYAP	9588443896
8	70778	HARSHADA OMPRAKASH MORE	7020525573
9	70779	JANHAVI RAJ KHATRI	9673930815
10	70780	KOMAL VASANTRAO DESHMUKH	7498275173
11	70784	MALLESHWARI MANOJ JAIPILLEY	7264966643
12	70786	NEHA BHASKAR DONGRE	7769881481
13	70787	NEHA GANESH AGARKAR	8421939170
14	70781	POOJA PRAKASH DATE	8623004459
15	70788	POONAM MAHADEV ENDOLE	9623134236
16	70789	PRACHI SATISH BITODKAR	9764407805
17	70790	PRERNA VIJAY CHAKRANARAYAN	9356076529
18	70791	PRIYANKA PANJABRAO BELKHEDE	7038548790
19	70792	RAJSHREE RAJENDRA TULASKAR	8412872095
20	70793	RUTIKA SUNIL MISHRA	8237941604
21	70794	SAKSHI BABARAO DHEPE	8805182791
22	70795	SAKSHI DIGAMBAR KAKAD	7447651254
23	70796	SANIYAUNSA MUSHTAQUE SHAIKH	9145778543
24	70797	SHIVANI ARUN BHOPLE	9096044748
25	70798	SHRADDHA ANIL JOSHI	9112122478
26	70782	SHRADHA SUBHASH INGLE	7774927404
27	70783	SHWETAL DIPAK CHAHURPAGAR	9145090436
28	70799	VAISHNAVI SANJAY KADU	9765889399
29	70800	VAISHNAVI VIJAY BARDE	9527233200
30	70785	NAMRATA PRAMOD GAWANDE	
31	50032	MAYURI KISAN CHECHARE	

Principal

Smt. Radhadevi Goenka College for
Women, Akola

Sant Gadge Baba Amravati University, Amravati

Syllabus

B.C.A..Part-I,II & III
(Sem-I to VI)

Prospectus No. 20131221

संत गाडगे बाबा अमरावती विद्यापीठ
SANT GADGE BABA AMRAVATI UNIVERSITY

विज्ञान विद्याशाखा
(FACULTY OF SCIENCE)

PROSPECTUS
OF
B.C.A.PART-I, II & III (SEMESTER-I to VI)
SEMESTER-I, III & V EXAM. WINTER-2012 &
SEMESTER-II, IV & VI EXAM. SUMMER-2013 &
ONWARDS



2012

Price Rs./-

Criterion I : Curriculum Aspects

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Choices in tuning queries and views, DBMS Benchmarking, Security.

Unit-II : Concurrency control transactions and schedule, Serializability, Lock based concurrency control lock management, specialized locking techniques, control without locking.

Crash Recovery, Introduction to crash recovery, Log, Check pointing, Recovery from a system crash.

Unit-III : Parallel and distributed databases. Architectures for parallel databases, Parallel query Evaluation and optimization, Parallelizing individual operations, Introduction to distributed databases, Architecture, Fragmentation and Replication, Catalog management, Distributed Query processing, updating distributed data, Distributed transaction management, Distributed Concurrency control, Distributed recovery.

Unit-IV : **Object database Systems** : Objects, Identity, inheritance, Database Design for an ORDBMS, Storage and access methods, Query processing and optimization, Comparing RDBMS with OODBMS and ORDBMS.

Unit-V : **Data Warehousing**
Introduction, DSS and OLTP, Metadata Management in Data Warehouse. Related data structures, OLAP and Data Warehousing environment.
Data mining.
Introduction and application areas.

Books :

- 1) Database Management System -Raghu Ramkrishna McGraw Hill. International Editions.
- 2) Introduction to Database System by C.G.Date.

6SP1: LAB I-6ST1+6ST2: Minimum 8 practical on each.

The distribution of marks in Practical examination is given as:

(1) Program writing/ execution based on 6ST1	15 marks.
(2) Program writing/ execution based on 6ST2	15 marks.
(3) Practical Record	10 marks.
(4) Viva-Voce	10 marks.
50 marks.	

6SP2: LAB II-6ST3+6ST4: Minimum 8 practical on each.

The distribution of marks in Practical examination is given as:

(1) Program writing/ execution based on 6ST3	15 marks.
(2) Program writing/ execution based on 6ST4	15 marks.
(3) Practical Record	10 marks.
(4) Viva-Voce	10 marks.
50 marks.	

6SP3: LAB III-Project work with Report.

The distribution of marks in Practical examination is given as:

(1) Project Work with Report	30 marks.
(2) Viva-Voce	20 marks.
50 marks.	
