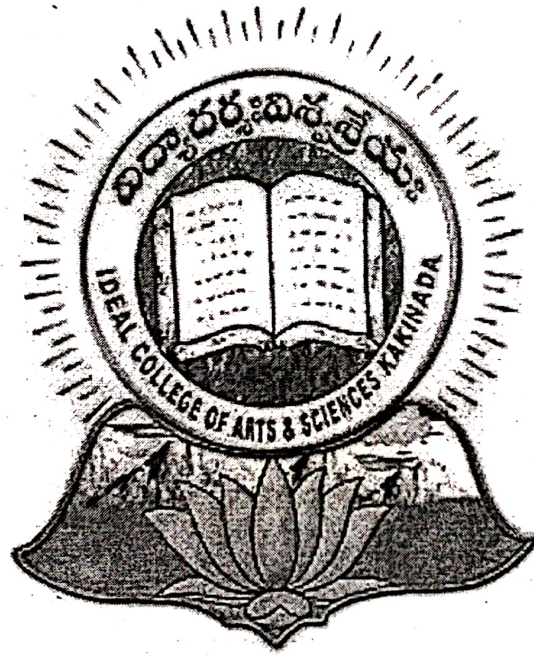




IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC B), Vidyutnagar, Kakinada

BCA
COMPUTER APPLICATIONS HONOR'S

**BOARD OF STUDIES**  
**2023-2024**





IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC B), Vidyutnagar, Kakinada

Date: 25.08.2023

Board of Studies of BCA (COMPUTER APPLICATIONS) Honor's

Board of studies meeting for the Department of Computer Science will be held on 26.08.2023 at 02:00PM in Ideal College of Arts and Sciences (Autonomous), Vidyutnagar, Kakinada, to consider the following Agenda.

You are cordially invited to attend the meeting and make it a success.

Agenda:

1. To ratify the first-year Computers syllabus
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. To ratify model question papers.
4. To discuss on research, teaching, extension and other academic activities in the department.
5. To prepare syllabus for certificate courses / Value added courses
6. To have MOU with institutions/organizations/industry/NGO/Corporate office and Pvt. Firms etc.
7. Additional inputs into the curriculum and up gradation of syllabus
8. Introduction of objective type questions and online pattern partially in Internal (Continuous Assessment) Examinations subject to the condition.
9. To approve other academic activities of Department.

*T. Subramanyam*  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA  
PRINCIPAL  
25/8/2023



### RESOLUTIONS

Resolved to follow the following pattern

1. Each paper has 40 marks (40%) of internal (Continuous Assessment) (20+15+5) and 60 marks (60% of external semester- end examination). The minimum pass mark for external examination is 21 marks out of 60 marks in external semester end examination
2. During each semester two internal examinations will be conducted as per schedule for each paper.
3. The average of two internal examination marks conducted by college is considered as internal examination marks.
4. In each semester, the student must possess a minimum attendance of 75%.
5. Students having attendance between 65% and 75% may be permitted to appear in Semester End/Annual examination on medical grounds only, on payment of Condo nation fee along with medical certificate from Government Medical Officer.
6. If a student is detained due to shortage of attendance, i.e., less than 65%, he must re-join the semester with prior permission from the university. Such students are not eligible to take subsequent semester.
7. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
8. Practical examination will be conducted at the end of every semester of academic year
9. Resolved to approve up gradation in the Syllabus
10. Resolved to approve Certificate courses and value-added courses
11. Implementing ICT enabled pedagogical methods for effective process
12. Resolved to Approve Departmental activities
13. To have MOU with institutions/organizations/industry/NGO/Corporate office and Pvt. Firms etc.
14. Follow the language papers, Life Skill Courses, Skill Development Courses, Multidisciplinary courses, Business papers and Minor Papers as per Autonomous rules/University norms, APSCHE guide lines and followed BOS done by concerned departments.
15. Resolved to authorize the Chairman, Board of studies to take up all the necessary steps for utilization of the syllabi to be implemented from the academic year 2023-2024 and also authorized to adopt any changes made in the middle of the academic year if any.

\* Indicates the marks allotted for student activities like attendance, participation in PPTs, Paper presentation, Seminar, Quiz, Group Discussion and Assignments

*Donth*

*Ra*

T. Nagendra.

V.veera swetha.

*Y. Sankar*

*N. Anu Mohan*

*T. V.*

*G. S. R. H.*





**Board of Studies of BCA (COMPUTER APPLICATIONS) Honors**

The Board of studies for the Department of Computer Science for the Academic year 2023-2024 is constituted with the following members

**Sl.No. Members Present**

- |                     |          |
|---------------------|----------|
| 1. V. Jeevan Kanth  | Chairman |
| 2. J Surendra Mohan | Member   |
| 3. Y.Sowjanya       | Member   |

**Student Members Present**

- |                |         |
|----------------|---------|
| 1. V Sai Vamsi | Student |
| 2. K Hemanth   | Student |

**Adikavi Nannaya University Nominee**

1. Dr P. Venkateswar Rao  
Associate Professor  
Department of Computer Science and Engineering  
Adikavi nannaya University  
Rajamahendravaram.  
Phone No. 9441447037

**Members from other Colleges**

1. Dr. S Rao Chintalapudi  
Professor & HOD  
Department of CSE (AI & ML)  
CMR Technical Campus  
Kandlakoya, Hyderabad  
Email ID: [hod.aiiml@cmrtc.ac.in](mailto:hod.aiiml@cmrtc.ac.in)  
Phone Number: 9949379392

2. Dr. GSN Murthy  
Head of the Department  
Computer Science Engineering,  
ADITYA College of Engineering (A)(JNTU K),  
Surampalem  
Email: [murthygsnm@yahoo.com](mailto:murthygsnm@yahoo.com)  
Phone Number: 9553548444

**Industry/Scientific Organization**

1. J Ravi kumar  
Managing Director  
E Breakers Robotics Research & Technologies  
[ebreakers.ravikumar@gmail.com](mailto:ebreakers.ravikumar@gmail.com)  
Ph. No: 9030839364



IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC B), Vidyutnagar, Kakinada

Board of Studies of BCA (COMPUTER APPLICATIONS) Honor's

The Board of studies for the Department of Computer Science for the Academic year 2023-2024 is constituted with the following members on 26-8-2023 at 02:00PM with the following members

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	V. Jeevan Kanth Chairman	
2.	Dr. P. Venkateswar Rao University Nominee	
3.	Dr. S Rao Chintalapudi Expert	
4.	Dr. GSN Murthy Expert	
5.	J Ravi Kumar Representative from Industry	
6.	J Surendra Mohan Member	
7.	Y. Sowjanya Member	
8.	V. Swetha Student V. veera Swetha.	
9.	T Nagendra Student T. Nagendra	



IDEAL COLLEGE OF ARTS AND SCIENCES  
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**Note 1:** One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate field skills related to the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the field skills embedded in the syllabus citing related real field situations.

**Note 2:** To insert assessment methodology for Internship/ on the Job Training/Apprenticeship under the revised CBCS as per APSICHE Guidelines.

- **First internship (After 1st Year Examinations):** Community Service Project. To inculcate social responsibility and compassionate commitment among the students, the summer vacation in the intervening 1st and 2nd years of study shall be for Community Service Project (the detailed guidelines are enclosed).
- **Credit For Course: 04**
- **Second Internship (After 2nd Year Examinations):** Apprenticeship / Internship / on the job training / In-house Project / Off-site Project. To make the students employable, this shall be undertaken by the students in the intervening summer vacation between the 2nd and 3rd years (the detailed guidelines are enclosed).
- **Credit For Course: 04**
- **Third internship/Project work (6<sup>th</sup> Semester Period):**  
During the entire 6<sup>th</sup> Semester, the student shall undergo Apprenticeship / Internship / On the Job Training. This is to ensure that the students develop hands on technical skills which will be of great help in facing the world of work (the detailed guidelines are enclosed).
- **Credit For Course:12**



QUESTION PAPER PATTERN

Form of Questions	Section A Essay Questions	Section B Short Questions	Total Questions
No. of questions to be answered	Answer any 5 questions out of 8 questions	Answer any 5 questions out of 8 questions	Answer any 10 questions out of 18 questions
Marks allotted question to be answered	5x8=40	5x4=20	60
For all the given questions	10x8=80	8x4=32	112

UNIT- WISE WEIGHT-AGE OF QUESTIONS

S. No.	Nature of Question	Unit-I	Unit-II	Unit-III	Unit-IV	Unit-V	Total
1.	Essay	2	2	2	2	2	10
2.	Short	2	2	2	1	1	8
3.	Total Questions	4	4	4	3	3	18

BREAK UP OF MARKS FOR PRACTICAL

1	Program and Write-Up	20 Marks
2	Output	10 Marks
3	Viva Voce	10 Marks
4	Record	10 Marks





IDEAL COLLEGE OF ARTS AND SCIENCES  
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Programme: B.C.A. (HONOURS) Computer Applications (Major)  
w.e.f. AY 2023-24

**COURSE STRUCTURE**

Year	Semester	Course	Title of the Course	No. of Hrs /Week	No. of Credits
I	I	1	Fundamentals of Commerce	3+2	4
		2	Business Organization	3+2	4
	II	3	Office Automation Tools	3	3
			Office Automation Tools Lab	2	1
		4	Programming in C	3	3
			Programming in C Lab	2	1