

# **IDEAL COLLEGE OF ARTS AND SCIENCES**

(AUTONOMOUS & NAAC B)

DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA



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

**B.Voc Software Development**

**DEPARTMENT OF  
COMPUTER SCIENCE**

# **IDEAL COLLEGE OF ARTS AND SCIENCES**

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DR. P.V.N. RAJU VIDYAPRANGANAM

**KAKINADA**

Date: 26.08.2023

## **Board of Studies of B.Voc Software Development**

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 second year and third year 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 of BVoc Software Development.
- 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.
10. Google Meet Link <https://meet.google.com/nan-fnpv-geu>

**PRINCIPAL**

# IDEAL COLLEGE OF ARTS AND SCIENCES

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## Board of Studies of B.Voc Software Development

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. B.Venkata Ratnam | Chairman |
| 2. G.Subbalakshmi   | Member   |
| 3. A.Thulasi        | Member   |

### **Student Members Present**

- |              |         |
|--------------|---------|
| 1. K.Sandeep | Student |
| 2. N.Lavanya | 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: [hod.aiml@cmrtc.ac.in](mailto:hod.aiml@cmrtc.ac.in)  
Ph. No: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)  
Ph. No:9553548444

### **Industry/Scientific Organization**

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

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## Board of Studies of B.Voc Software Development

The Syllabus and model question papers in Software Development subject for B.Voc course for the second and third year (III, IV & V Semesters) in the academic year 2023-2024, list of examiners and paper setter, department activities is approved in the Board of Studies meeting held in the department of computer science (via Google Meet) (Date: 26-8-2023 at 02:00PM)

<u>S.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Mr.B.Venkata Ratnam	Chairman
2.	Dr. P. Venkateswar Rao	University Nominee
3.	Dr. S Rao Chintalapudi	Expert
4.	Dr. GSN Murthy	Expert
5.	Mr.J Ravi Kumar	Representative from Industry
6.	Smt.G.Subbalakshmi	Member
7.	Smt.A.Thulasi	Member
8.	Mr.K.Sandeep	Student
9.	Ms.N.Sai Lavanya	Student

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KAKINADA

Department of Computer Science

B.Voc Software Development

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## RESOLUTIONS

### **Resolved to follow the following pattern for examinations**

1. **2020 & 2021 Admitted Batch:** Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10+5) and 70 marks (70% of external semester- end examination).  
**2022 Admitted Batch:** Each paper has 40 marks (40%) of internal (Continuous Assessment) (20+15+5) and 60 marks (60% of 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 has to 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 has to re-join the semester with prior permission from the university. Such students are not eligible to take subsequent semester.
7. The minimum pass mark for external examination is 21 marks out of 60 marks in external semester end examination
8. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
9. Practical examination will be conducted at the end of every semester of academic year
10. Resolved to approve up gradation in the Syllabus
11. Resolved to approve Certificate courses
12. Implementing ICT enabled pedagogical methods for effective process
13. Resolved to Approve Departmental activities for the year 2022-2023
14. To have MOU with institutions/organizations/industry/NGO/Corporate office and Pvt. Firms etc.
15. Follow the language papers, Life Skill Courses, Skill Development Courses and Core Papers as per Autonomous rules/University norms and APSCHE guide lines.
16. 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 2022-2023 and also is 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

**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.

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

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**QUESTION PAPER PATTERN**

S.No	Type of Question	To be given in the Question Paper			To be answered		
		No. of Questions	Marks allotted to each question	Total Marks	No. of Questions	Marks allotted to each question	Total Marks
1	Part-A Essay Questions	10	8	80	5	8	40
2	Part-B Short Questions	8	4	32	5	4	20
<b>TOTAL</b>				112	<b>TOTAL MARKS</b>		60

**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