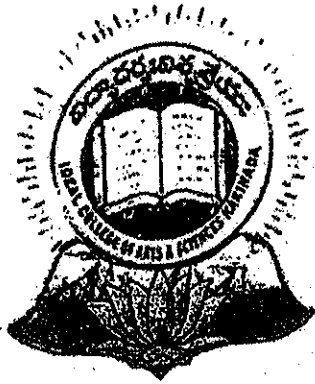


**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2019-2020**

**COURSE: B.VOC., SUSTAINABLE AGRICULTURE**

**DEPARTMENT OF AGRICULTURE**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**  
**DEPARTMENT OF AGRICULTURE**

**Board of Studies of B.VOC. SUSTAINABLE AGRICULTURE**

The Board of Studies for the Department of sustainable agriculture for the year 2023-2024 is constituted with the following Members.

**MA. St. Members/Expert**

- |                           |                |
|---------------------------|----------------|
| 1. Srinivas reddy G.T.    | Chairman       |
| 2. J.H.V.T Inamuri Harini | Member         |
| 3. N.Vasu prasad          | Student Member |
| 4. CH.Arthi               | Student Member |

**Adilhari Nampya University Members**

1. Dr. A. Mura Reddy  
Professor & HOD, Adilhari Nampya University  
Rajamahendravaram  
Cell No: 9482510010

**Subject experts**

1. Dr. M. Satyanarayana Director, VSM College  
Cell No. 638883439
2. Dr. Deyakumar  
Professor, ANRIU, Rajamahendravaram  
Cell No: 94823675

**Industry/Scientific Organization**

1. Ch. Subrahmanyam  
Manager, AVR Zira Product Private Limited, Yanam



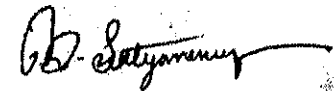
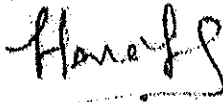

  
**PRINCIPAL**

**PRINCIPAL**  
**College of Arts & Sciences**  
**KAKINADA**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in sustainable agriculture subject for B.Voc., course for the First year and second year in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of agriculture at 24.11.2020(11 AM)

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Srinivasa murthy G.T.	chairman 
2.	Dr.a. Matta reddy	university nominee 
3.	Dr.m satyanaranaya	expert 
4.	Dr. Dayakaran	expert
5.	Ch. Subramanyam	representative from industry
6.	JHVT Kumari Harisri	Member 
7.	N.vara prasad	Student Member N. varaprasad
8.	Ch.Arthi	Student Member 

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**DR.P.V.N. RAJU VIDYAPRANGANAM, KAKINADA**

**B. Voc Agriculture Syllabus**

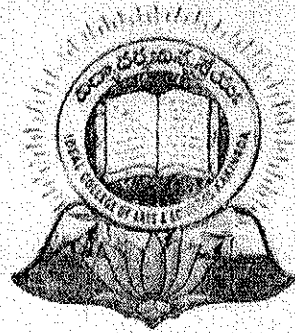
**Course structure and syllabi: w.e.f 2019-20 Admitted Batch I Year; Semester I**

S.No	Course	Mid Sem Exam*	Sem End Exam	Total Marks	Teaching Hours	Credits
<b>General Education</b>						
1	English Communication Skills-I	25	75	100	4	4
2	Organic and inorganic Chemistry	25	75	100	4	4
3	Organic and inorganic Chemistry practical		50	50	2	2
4	Foundation course –I (Environmental studies)		50	50	2	2
<b>Skill Education</b>						
1	Fundamentals of Genetics	25	75	100	4	4
2	Introduction to Agronomy	25	75	100	4	4
3	Introduction to Agronomy Practical		50	50	2	2
4	Introduction to Soil Science	25	75	100	4	4
5	Introduction to Soil Science Practical	0	50	50	2	2
6	On Job Training - I	0	50	50		2
	<b>Total</b>			<b>750</b>	<b>28</b>	<b>30</b>

**I Year; Semester II**

S.No	Course	Mid Sem Exam*	Sem End Exam	Total Marks	Teaching Hours	Credits
<b>General Education</b>						
1	English Communication Skills-II	25	75	100	4	4
2	Physical & general Chemistry	25	75	100	4	4
3	Physical & general Chemistry practical		50	50	2	2
4	Foundation course –II Information & communication technology -I (ICT-I)		50	50	2	2
<b>Skill Education</b>						
1	Introduction to plant pathology	25	75	100	4	4
2	Introduction to plant pathology Practical		50	50	2	2
3	Introduction to Entomology	25	75	100	4	4
4	Introduction to Entomology Practical		50	50	2	2
5	Introduction to Plant Breeding	25	75	100	4	4
6	On Job Training - II		50	50		2
	<b>Total</b>			<b>750</b>	<b>28</b>	<b>30</b>

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
**KAKINADA**



**BOARD OF STUDIES**  
**2019-2020**

**DEPARTMENT OF**  
**FISHERIES AND AQUACULTURE**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
**KAKINADA**

Date: 23.10.2019

**Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 23.10.2019 at 02.30 P.M 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 syllabus for the First year (I & II semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year (I & II semesters).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programme of First year.
6. Other academic activities of Department.

  
PRINCIPAL


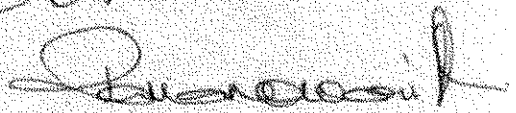



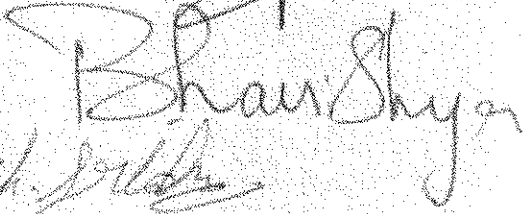

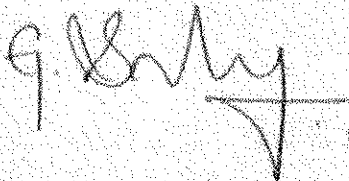
PRINCIPAL  
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KAKINADA.

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Industrial Aquaculture and Fisheries subject for B.Vocation course for the First year (I & II semester) in the academic year 2019-2020, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Fisheries and Aquaculture at 02:30 PM.

Sl.No.      Members Present

Signatures of Members

1. Dr. K. Narasimha Murty	Chairman	
2. Dr. K. Ramaneswarai	University Nominee	
3. Dr. Muralidhar P. Ande	Expert	 23/10/19
4. Dr. P. Sandeep	Expert	 23/10/19
5. Dr. Rajendra Prasad	Representative from Industry	
6. T. Bhavishyasai	Member	
7. Ch. Sridhar	Student Member	
8. G. Deva Suvarna Raman	Student Member	



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

The Board of Studies for the Department of Fisheries and Aquaculture for the year 2019-2020 is constituted with the following Members.

**Sl.No. Members Present**

1. Dr. K. Narasimha Murty
2. T. Bhavishyasai
3. Ch. Sridhar
4. G. Deva Suvama Raman

Chairman  
Member  
Student Member  
Student Member

*[Handwritten signatures and names: Narasimha Murty, Bhavishyasai, Sridhar, Deva Suvama Raman]*

**Adikavi Nannaya University Nominee**

1. Dr. K. Ramaneswarai  
Dept. of Zoology  
HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 8074112754

**Members from other Colleges**

1. Dr. Muralidhar P. Ande  
Senior Scientist & Office In-Charge, CIFE, Kakinada  
Cell No: 7396182790
2. Dr. P. Sandeep  
Scientist, FRS (SVVU), Balabhadrapuram, Kakinada  
Cell No: 8185039772

*[Handwritten signatures and dates: 23/10/19, 23/10/19]*

**Industry/Scientific Organization**

1. Dr. Rajendra Prasad  
Sandhya Marines Limited  
Regional Manager, Kakinada  
Cell No: 9963327676

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PRINCIPAL  
PRINCIPAL  
Ideal College of Arts & Sciences  
KAKINADA

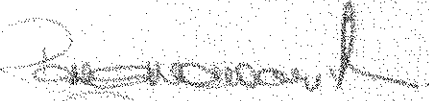
IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

DEPARTMENT OF FISHERIES AND AQUACULTURE

B.Voc., Industrial Aquaculture & Fisheries

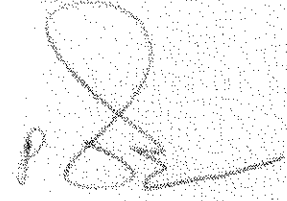
Resolution:

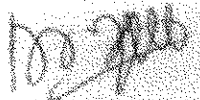
1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination / semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I and II is here with Appended.
  - h) Practical examination - I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and II Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programme of First year ( I and II Semesters ).



  
23/10/19











**IDEAL COLLEGE OF ARTS AND SCIENCES**  
 (A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
 DR. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA  
**Bachelor of Vocation: Industrial Aquaculture and Fisheries**  
**Course structure and syllabi: w.e from 2019-20 Admitted Batch**  
**Semester I**

S.No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>General Education</b>						
1.	English Communication skills-1	100	25	75	4	2
2.	Environmental Studies	50	-	50	2	2
3.	Chemistry (Inorganic & Organic Chemistry)	100	25	75	4	2
4.	Lab Practical	50	-	50	2	2
5.	Zoology (Animal Diversity and Nonchordates)	100	25	75	4	2
6.	Lab Practical	50	-	50	2	2
<b>Skill Education</b>						
1	Biology of Fin Fish & Shell Fishes	100	25	75	4	4
2	Lab Practical	50	0	50	2	2
3	Principles of Methods in Aquaculture	100	25	75	4	4
4	Lab Practical	50	0	50	2	2
5	Fresh Water Aquaculture	100	25	75	4	4
6	On Job Training	50	0	50		2
	<b>Total</b>	<b>900</b>			<b>34</b>	<b>30</b>

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 P. S. S.  
 23/10/19

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 23/10/19

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*[Handwritten signature]*  
 Bhai Shyler  
 A. Sridha

*[Handwritten signature]*  
 G. Sridha



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P.Govt., Aided, Autonomous & NAAC B)  
**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada

**Board of Studies of English**

**2020-2021**

A meeting of Board of Studies of the Department of English will be conducted on 18.12.2020 at 3:30 P.M in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada to consider the following Agenda.

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

**Agenda:**

1. Syllabus for General English of I, II, III and C.S.S for III & IV Semesters.
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Papers for I, II, III and C.S.S for III & IV Semesters.
4. Panel of Paper setters and examiners.
5. Additional inputs into the curriculum.
6. Other academic activities of the department.

  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P.Govt., Aided, Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
Samalkot Road, KAKINADA

**Department of English**  
**Board of Studies 2020-2021**

### Resolutions

The members present discussed the syllabus relating to General English of I II & III semesters and Foundation Course, Communication and Soft Skills of III & IV semesters and proposed the following resolutions.

**Resolution 1:** Resolved to approve the text books and reference books as prescribed by C.B.C.S. pattern of Adikavi Nannaya University, Rajamahendravarm.

**Resolution 2:** Resolved to approve syllabus of I, II, III & IV semesters for the I, II years in English as shown in the annexure.

**Resolution 3:** Resolved to conduct I year external theory examination for 70 marks and internal assessment for 30 marks. II year external theory examination for 75 marks and internal assessment for 25 marks. There is no pass minimum for internal assessment, where as 26/75 is the theory minimum in the external exam for II year and 25/70 is the theory minimum for I year

**Resolution 4:** Resolved to approve the pattern of question Papers for I, II & III semesters of General English and Foundation Course, Communication and Soft Skills for III & IV Semesters.

**Resolution 5:** Resolved to approve the panel of paper setters and examiners as appended here with.

**Resolution 6:** Resolved to follow amendments and changes of curricular syllabus made by the Adikavi Nannaya University, Rajamahendravarm from time to time.

**Resolution 7:** Resolved to upgrade the syllabus as per the needs of the stakeholders from the year 2020-2021 and placed before the academic council of 2020-2021.

**Resolution 8:** Resolved to add a short story " God sees the truth but waits" by Leo Tolstoy in II semester and the prose selection "Forgetting" by Robert Lynd in the III semester as they promote moral and ethical values among the students.

The pass mark for 75 marks is 26 marks (35%) in the external examination for II year

The pass mark for 70 marks is 25 marks (35%) in the external examination for I year

For internal assessment, two mid semester examinations for 15 marks will be conducted and average of two will be awarded as final marks

10 marks are allotted for assignment and another 5 marks for attendance specified below

up to 60%	-	01 Mark
61 to 64	-	02 Marks
65 to 68	-	03 Marks
69 to 71	-	04 Marks
72 to 75	-	05 Mark



# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P. Govt., Aided., Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

Board of Studies of Telugu 2020 - 2021

## MEETING NOTICE

To  
K.Madhavi,  
HOD of Telugu,  
A.S.D. Govt Degree College for Womens.  
Kakinada.

Dt. 21-11-2020

A meeting of Board of Studies of the Telugu Department will be held on 23-11-2020 at 10.00 A.M. In Ideal College of Arts and Sciences (A) Samalkot Road, Kakinada, in online mode to consider the following Agenda.

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

### Agenda:

1. Syllabus for the I, II & III Semesters.
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Paper for I, II & III Semesters.
4. Panel of Paper setters and examiners.
5. Changes & Additional inputs into the curriculum.
6. Approval of life skill & skill development courses.
6. Other academic activities of Department.

Copy to

The Principal, A.S.D. Govt Degree College for Womens, Kakinada with a request to spare the services of K.Madhavi, and relieve him for the meeting.

**PRINCIPAL**

IDEAL COLLEGE OF ARTS & SCIENCES (A)

(A.P. Govt. Aided, Autonomous & NAAC B)

"Dr. P.V.N. Raju Vidyaprananam"

Samalkot Road, KAKINADA - 533 004.

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P.Govt., Aided, Autonomous & NAAC B)  
Dr.P.V.N.RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA.  
DEPARTMENT OF TELUGU

MEMBERS OF BOARDS OF STUDIES 2020-2021

Minutes of the meeting of the Board of Studies in Telugu held on 23-11-2020 at 10:00 A.M in the Department of Telugu, in Ideal College of Arts and Sciences (B) Kakinada.

Members Present

1. Dr. S. Priskilla

2. Dr.B. Saraswati

Adikavi Nannaya University Nominee

1. Dr. D. Sarada Devi

Department of Telugu,

M.S.N Degree College, Kakinada

Members from other College

1. Dr. S. Gopalaiah

HOD of Telugu,

P.R. Govt Degree college, Kakinada.

2. K.Madhavi

HOD of Telugu,

A.S.D. Govt Degree College for Womens.

Kakinada.

Alumni Member

1. Sri Saripella Sri Ramachandra Murthy

D.N: 7-3-10, Prakasam Street,

Rama Rao Peta, Kakinada.

Students

1. Medisetti Ashwini Devi

Roll no: 2192103

Class: 2nd BSc (MPC)

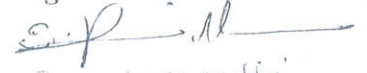
2. Hema Madhuri

Roll no: 2193017

Class: 2nd Bcom (EM)

Signature

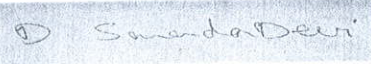
HOD & Chairman



Lecturer & Member

B. Saraswati

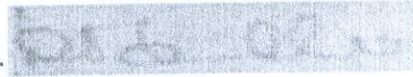
Member



Member



Member



Member



M. Ashwini Devi

Hema Madhuri

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

**Samalkot Road, KAKINADA.**

**DEPARTMENT OF TELUGU**

**Resolutions: 2020 - 2021**

1. బి.ఎ., బి.ఎస్.సి, బి.కాం డిగ్రీ మొదటి, రెండవ, మూడవ సెమిస్టర్ ల పాఠ్యాంశ వాచకములు నిర్ణయించుటకు తీర్మానించడం అయినది.
2. మొదటి, రెండవ , పరీక్షలను నిర్వహించుటకు ఒక్కొక్క సెమిస్టర్ కు బహిర్గత పరీక్షల్లో 70 మార్కులకు అంతర్గతపరీక్షలు 15 మార్కులు, అటెండెన్స్-5, అసైన్మెంట్-10 మార్కులకు నిర్వహించుటకు తీర్మానించడం అయినది.
3. మూడవ సెమిస్టర్ పరీక్షలను అంతర్గత పరీక్షల్లో 25 మార్కులు బహిర్గత పరీక్షల్లో 75 మార్కులకు నిర్వహించుటకు తీర్మానించడం అయినది.
4. మూడు సెమిస్టర్లలోనూ ప్రయోగాత్మకపరీక్షలు లేవు. అంతర్గత పరీక్షల్లో ఉత్తీర్ణత మార్కుల నిబంధన 6 మార్కులు.
5. ప్రశ్నాపత్రం ప్రణాళికలు, మాదిరి ప్రశ్నపత్రములను మొదటి, రెండవ, మూడవ సెమిస్టర్లకు ఇచ్చుటకు తీర్మానించడం అయినది.
6. **అదనపు అంశాలు:**

**1. సెమిస్టర్ -1: యూనిట్ 1. విదురుని ఉపదేశం**

మహాభారతం, సభా పర్వం, ద్వితీయాశ్వాసం, (130-145) పద్యాలు

(విదురుడు ధృతరాష్ట్రుడి తో జూదము తగదని చెప్పుట), (అదనముగా చేర్చినది)

**2 యూనిట్ -3 : ద్రౌపది భంగపాటు**

మహాభారతం, విరాట పర్వం, ద్వితీయాశ్వాసం, (165-180) పద్యాలు

(ద్రౌపది తన భంగపాటు భీమునితో నివేదించుట) (అదనముగా చేర్చినది)

**7. బదులుగా చేర్చినవి:**

**1. సెమిస్టర్ II యూనిట్ -I ఆధునిక కవిత్యం**

4. తాత కో నూలు -బండారు ప్రసాద మూర్తి (కలనేత కవితా సంపుటి నుండి)  
బదులుగా వసుదైక గీతం- తెలక్- అమృతం (కురిసిన రాత్రి కవితా సంపుటి నుండి )  
చేర్చబడినవి.



యూనిట్-II కథానిక

6. భయం(కథ)- కాళీపట్నం రామారావు బదులుగా, అద్దేపల్లి ప్రభు- అతడు మనిషి (కథ) చేర్చబడినది.

8. పాఠ్యాంశాల్లో మార్పులు:

1. మూడవ సెమిస్టర్ పార్టీ - ఏ లఘు ప్రశ్నలలో దేశ పురోగతి- విద్యార్థుల రాజకీయాలు, పరిశ్రమల స్థాపన అనే రెండు ప్రశ్నలను మార్చి దేశాభివృద్ధి విద్యార్థుల కర్తవ్యం, మరియు మీకు నచ్చిన కవి (శ్రీశ్రీ) గురించి వ్రాయమని తీర్మానించడం అయినది.

2. వ్యాసరూప ప్రశ్నల్లో చదువు చదివించు అనే వ్యాసం ను మార్చి నేటి సమాజంలో విద్యార్థుల పాత్ర అనే వ్యాసాన్ని నిర్ణయించుటకు తీర్మానం అయినది.

9. రెండవ సెమిస్టర్ లో లైఫ్ స్కిల్ & స్కిల్ డెవలప్మెంట్ కోర్సులు 50 మార్కులకు నిర్ణయించుటకు తీర్మానము.

10. ప్రశ్నాపత్రం లను తయారు చేయు వారిని, జవాబు పత్రంలను దిద్దు వారిని నిర్ణయించుటకు తీర్మానం.

11. APSCHE ప్రకారంగా నిర్ణయించబడిన కామన్ కోర్ సిలబస్ ప్రకారం బోధనను అనుసరించుటకు తీర్మానం..

12. APCHE & AKNU నిర్ణయించిన పాఠ్యాంశాల ప్రకారం 2020-2021 సంవత్సరమునకు గాను పాఠ్యాంశములను మార్చుకొనుటకు చైర్మన్ కు పూర్తి స్వేచ్ఛ కల్పించుటకు తీర్మానము.

D. Sumanadevi

S. S. S. S.







B. Saraswathi

# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

Dt. 05.12.2020

## **Board of Studies of Physics - 2020-2021**

### **Meeting Notice**

A meeting of Board of Studies of the Department of Physics will be held on 05.12.2020, at 10.00 A.M in Department of Physics, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, in online mode through Zoom tool or any other tool to consider the following Agenda.

You are cordially invited and to make it a success.

### **Agenda:**

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE from the admitted batch 2020-21.
2. To approve the course structure, syllabi and model paper for the I, II, III, IV, V, & VI Semesters.
3. To ratify the syllabi & Model Papers for the Certificate course on Electrical Appliances in 1<sup>st</sup> semester, Solar Energy in 2<sup>nd</sup> semester, as per APSCHE and Soldering & De-soldering in 3<sup>rd</sup> semester.
4. To Suggest panel of examiners/ paper setter & other expert nominees for BOS deliberations.
5. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
6. To approve change in the syllabi, additional inputs and upgradation of syllabi I & II Semesters and Additional inputs and change in syllabi of III & IV Semesters.
7. Introduction of Objective type questions and online pattern partially in Internal examinations components subject to the condition.
8. Other Academic Activities of the Department.
9. Any other matter with permission.

  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. Govt., Aided. Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA  
**DEPARTMENT OF PHYSICS**  
**BOS -2020-21**

**Resolutions:**

1. Resolved to approve the syllabi and the model question papers for the I, II, (syllabus for the I, II, semesters Recommended by APCHE along with upgradation of the syllabus, additional inputs and change in the syllabus for the admitted batch 2020-2021).
2. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the III, IV, V & VI Semesters. Resolved to approve the syllabi of practical for the I, II, III, IV, V & VI Semesters.
3. Resolved to approve the syllabi & Model Papers for the Certificate course on Electrical Appliances in 1<sup>st</sup> semester, Solar Energy in 2<sup>nd</sup> semester, as per APSCHE and Soldering & De-soldering in 3<sup>rd</sup> semester.
4. Resolved to approve the panel of paper setters and examiners as appended herewith.
5. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 30% internal (C I A) and 70% (S E) for I & II semester.
  - b) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for III, IV, V & VI semester.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - d) The Internal evaluation is allotted as 5 Marks for attendance 15 Marks for internal Examination and 10 marks for assignment from 2020-2021 admitted batch.
  - e) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - g) The pattern of semester examinations and practical I, II, III, IV, V & VI is here with Appended.
  - h) Practical examination – I, II, III, IV, V & VI will be conducted at each Semester end for 50 marks with duration 3 hours. They shall be conducted by two examiners, i.e. with both internal examiners on odd semester and with one internal and one external examiner on even semester.
6. Resolved to approve the Departmental activities for the year 2020-2021.
7. 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 2020-2021 and also is authorized to adopt any changes made in the middle of the academic year, by the University, APSCHE and other exigencies in consultation with the controller of examinations if necessary.

K. S. R. S. Lakshminarayana Rao

K. S. R. S. Lakshminarayana Rao

NSI

H. Anil Kumar

K. V. Lakshminarayana

K. V. Lakshminarayana

B. K. Dineeth



# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(A.P. Govt. Aided, Autonomous, NAAC Accredited B, ANUR Affiliated)

Department of Computer Science

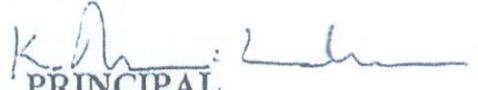
Dt. 16-11-2020

## Meeting Notice

A meeting of Board of Studies in Computer Science will be held on 17-11-2020 3.00 P.M. in Science College Campus, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada, to consider the following Agenda.

### Agenda

1. To ratify the Syllabus for I, II, III, IV, V and VI Semesters.
2. To ratify the Scheme of Examination for both Internal and External examinations.
3. To ratify the Model Question Papers for I, II, III, IV, V and VI Semesters.
4. To ratify Panel of Paper Setters and Examiners.
5. Introduction of Objective type questions and online pattern partially in Internal Examinations subject to the condition.
6. To ratify the Diploma Course of Six months duration in **Web Designing** in Semester-II and Certificate Course of Three months duration in **Photoshop** in Semester-I.
7. Other academic activities of Department.

  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

*U.P. Govt. Aided Autonomous, NAAC Accredited B, ANUR Affiliated*

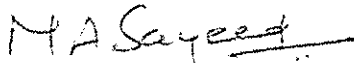
## Department of Computer Science

### Minutes of the meeting

A meeting of the Board of Studies in Computer Science held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada.

### RESOLUTIONS:

1. It is resolved to follow the syllabus for I, II, III, IV, V and VI Semesters as per CBCS, which is ratified in the Board of Studies meeting held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science for the Academic Year 2020-2021.
2. It is resolved to implement the same Scheme of Examination for both Internal and External examinations, which is ratified in the Board of Studies meeting held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science for the Academic Year 2020-2021.
3. It is resolved to implement the same pattern of Question papers for I, II, III, IV, V and VI Semesters, which is ratified in the Board of Studies meeting held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science for the Academic Year 2020-2021.
4. It is resolved to suggest the same panel of Paper Setters and Examiners for I, II, III, IV, V and VI Semesters under semester wise stream, which is ratified in the Board of Studies meeting held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science for the Academic Year 2020-2021.
5. It is resolved to approve Diploma Course of Six Months duration in Web Designing in Semester-II and Certificate course of Three Months duration in Photoshop in Semester-I, which are ratified in the Board of Studies meeting held on 17-11-2020 at 3.00 P.M. in the Department of Computer Science for the Academic Year 2020-2021.
6. It is resolved and permitted to Chairman to make changes in Theory/Practical I, II and III B.Sc. (Computer Science) Syllabus as per the direction of University, APSCE and other exigencies in consultation with the Controller of Examinations for the academic year 2020-2021.



M.A. Sayeed  
Chairman



K. Machar Rao  
Member




Dr. M. Kamala Kumari,  
University Nominee



Dr. A. Krishnamohan  
Subject Expert

  
G. Gopala Krishna Reddy,  
from Corporate Sector

  
S.S.S.N. Usha Devi,  
Subject Expert

  
G. Vijaya Lakshmi,  
Alumni Member & Advisor

  
Y. Amrutha,  
Student Member

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP Govt. Aided, Autonomous, NAAC Accredited B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA – 533 004.

## Board of Studies of Chemistry

Dt.25-11-2020

### Meeting Notice

A meeting of Board of Studies of the Department of Chemistry, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada will be held on 01.12.2020 at 2.00 P.M. through online, to consider the following Agenda.

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

#### Agenda:

- 1) Syllabus for the I, II, III, IV, V & VI Semesters
- 2) Scheme of Examination for both internal and external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

K. Shu. Lal

PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
Kakinada

## BOARD OF STUDIES 2020-2021

### DEPARTMENT OF CHEMISTRY

2020 - 2021

#### Agenda:

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both internal, external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

#### Resolutions:

1. Resolved to approve the syllabus for the I, II, III, IV, V & VI Semesters (Theory & Practicals) as appended herewith.
2. Resolved to follow the following pattern for Examinations
  - a) The syllabus of each paper is divided in to two semesters (I & II for I Year and III & IV for II Year, V, VI for V semester and one out of three elective paper (VIIA, VIIB, VIIC) will be selected as per the choice of the student, one set of cluster out of three sets (VIIIA-1, A-2, A-3, VIIB-1, B-2, B-3 VIIC-1, C-2, C-3) will be selected as per the choice of the student for III Year
  - b) Paper of I & II Semester of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, Internal examination-15 marks. The paper of III, IV, V, VI semester of 100 marks each has 25% internal evaluation and 75% for external evaluation
  - c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass marks for I, II & III years for external Examination is 35%. Candidate should get a total of 40 marks in internal and external examinations put together.

- f) The pattern of semester examinations and practical — I, II, III, IV, V & VI is here with appended.
- g) Practical examinations will be conducted at each Semester end.
3. Resolved to approve the model question papers for I, II, III, IV, V & VI semesters are here with appended.
  4. Resolved to approve the panel of paper setters and examiners as appended herewith.
  5. Resolved to approve the Certificate Course titled " WATER ANALYSIS" in II semester for the Academic year 2020-21.
  6. Resolved to approve the Syllabus & model paper for the paper entitled "FOOD ADULTERATION" to be taught in II semester in Revised CBCS (W.E.F 2020-21) Under Skill Development Courses.
  7. Resolved to approve the Plan of Action for the Academic Year 2020-21.
  8. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

*Prof. Deepthi*

(University nominee)

*J. Praveen*

*K. Rajani*

*P. Leena*

*K. Rajani*

*A. J.*



# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

## Board of Studies of Botany- 2020-2021

A meeting of Board of Studies of the Department of Botany will be held on 07.12.2020 at 2 PM in online mode through Google Meet.

You are cordially invited to attend the meeting and make it success. I herewith enclose the agenda of the meeting

### Agenda:

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE from the admitted batch 2020-21.
2. To approve the course structure, syllabi and model papers for the I, II, III, IV, V & VI Semesters.
3. To ratify the syllabi & Model Papers for the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> Semester.
4. To ratify the syllabi & Model Papers for the Skill development Course Plant Nursery in 1<sup>st</sup> semester and Fruit and Vegetable preservation in 2<sup>nd</sup> Semester.
5. To Suggest panel of Examiners/ paper setter & other expert nominees for BOS deliberations.
6. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
7. To approve change in the syllabi, additional inputs and upgradation of syllabus
8. Introduction of Objective type questions and online pattern partially in internal examinations components subject to the condition.
9. Other Academic Activities of the Department.
10. Any other matter with permission.

# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(A.P. Govt. Aided, Autonomous & NAAC B)

Dr. P.V.N. Raju Vidyaprananam

## Department of Botany

### Panel of Board of Studies of Botany 2020-2021

Minutes of the meeting of the Board of Studies in Botany held on 07-12-2020 at 2.00 P.M. in online mode through Google Meet.

S.No.	Members Present		Signature
1.	Dr. M.Sulakshana HOD Ideal College of Arts and Sciences(A), Kakinada Mobile : 7997633870 E.Mail : <a href="mailto:sulakshanabotany@gmail.com">sulakshanabotany@gmail.com</a>	Chairman	M. Sulakshana
<b><u>Adikavi Nannaya University Nominee:</u></b>			
2.	Smt P.Sara, Lecturer Incharge of Botany, P.R.Govt. Degree College, Kakinada Mobile : 7386379223 E.Mail : <a href="mailto:sharagiridhar@gmail.com">sharagiridhar@gmail.com</a>	University Nominee	P. Sara
<b><u>Members from other Colleges:</u></b>			
3.	Dr.A.Srinivasa Rao Lecturer Incharge of Botany, Govt. Degree College, Mandapeta. Mobile : 8309843949 E Mail : <a href="mailto:drannabattulasrao@gmail.com">drannabattulasrao@gmail.com</a>	Member	A. J. Rao
4.	Smt P.A.S.S. Krishna Kumari, Retd. Lecturer Incharge of Botany A.S.Degree College for Women, Kakinada Mobile : 9121830415 E Mail : <a href="mailto:pullelekk21@gmail.com">pullelekk21@gmail.com</a>	Member	P. Sara 7/12/2020
<b><u>Industry / Scientific Organization:</u></b>			
5.	Smt P.Swathi, Asst. Director, Biological Control Laboratory, Department of Agriculture, Kakinada Mobile : 9848350962 E.Mail : <a href="mailto:swathijaladi3002@gmail.com">swathijaladi3002@gmail.com</a>	Member	Swathi
6.	Kum D. DurgaBhavani Lecturer in Botany, Ideal College of Arts and Sciences(A), Kakinada Mobile:9676006768 E.Mail : <a href="mailto:dudaladurgabhavani03@gmail.com">dudaladurgabhavani03@gmail.com</a>	Staff Member	D. Durga Bhavani
<b><u>Alumni Members:</u></b>			
7.	Kum M.RatnaJyothi Lecturer in Botany, V.S.M.P.G.College, Ramachandrapuram Mobile:7675033468 E.Mail : <a href="mailto:keerthanamundakala@gmail.com">keerthanamundakala@gmail.com</a>	Member (Alumini)	M. Ratna Jyothi
<b><u>Student Member:</u></b>			
8.	Sri M.Manikanta II BZC(E.M) Reg.No. 2192519	Member	M. Manikanta
9.	Kum A.Anjali III BZC (E.M) Reg.No. 2182501	Member	A. Anjali

K. Ch. L. S. S.  
PRINCIPAL

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP State Government Aided, Autonomous, NAAC Accredited B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

## DEPARTMENT OF BOTANY 2020-2021

### Resolutions :

1. Resolved to approve the syllabus and the model question papers for the I, II, (syllabus for the I, II, semesters Recommended by APSICHE along with upgradation of the syllabus, additional inputs and change in the syllabus for the admitted batch 2020-2021).
2. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the III, IV, V & VI Semesters
3. Resolved to approve the Practical syllabus and model papers for the I,II,III, IV, V & VI Semesters
4. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% Semester for I & II semesters.
  - b) The syllabus of each paper is divided into two semesters each paper has 25% internal and 75% semester for III, IV, V & VI semesters.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - d) The Internal evaluation is allotted as 5 Marks for attendance, 15 Marks for Internal Examination in which the compulsory pass marks is 6 marks and 10 marks for assignment.
  - e) Average of the two Internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) Resolved to introduce 2 marks questions for I and II semester as per the APSICHE. Model paper given
  - g) The minimum pass mark for External Examination is 35%, Candidate should get a total of 40 marks in Internal and External examination put together.
  - h) Practical examination – I, II, III, IV, V & VI will be conducted at each Semester end for 50 marks with a duration of 3 hours. They shall be conducted by two Internal examiners on odd semester and with one Internal and one External examiner on even semester.
5. Resolved to approve the Panel of paper setters and examiners as appended herewith.
6. Resolved to approve the Skill Development course on Plant Nursery in 1<sup>st</sup> semester as per APSICHE.



7. Resolved to approve the Skill Development course on Fruit and Vegetable Preservation in 2<sup>nd</sup> semester as per APSCHE
8. Resolved to approve the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> semester for B.A, B.Com, B.Sc Students.
9. Resolved to approve Action plan for the year 2020-2021
10. 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 2020-2021 and also is authorized to adopt any changes made in the middle of the academic year, by the University, APSCHE and other exigencies in consultation with the controller of examinations if necessary.
11. Any other Item with the permission of Chair.

**Members :**

S.No	Name and Affiliation	Designation	Signature
1.	Dr. M. Sulakshana HOD of Botany, Ideal College of Arts and Sciences(A), Kakinada Mobile : 7997633870 E.Mail : <a href="mailto:sulakshanabotany@gmail.com">sulakshanabotany@gmail.com</a>	Chairman	M. Sulakshana
2.	Smt P. Sara, Lecturer Incharge of Botany, P.R.Govt. Degree College, Kakinada Mobile : 7386379223 E.Mail : <a href="mailto:sharagiridhar@gmail.com">sharagiridhar@gmail.com</a>	University Nominee	P. Sara
3.	Dr.A.Srinivasa Rao Lecturer Incharge of Botany Govt. Degree College, Mandapeta. Mobile : 8309843949 E.Mail : <a href="mailto:drannabattulasrao@gmail.com">drannabattulasrao@gmail.com</a>	Subject Expert	A. Srinivasa Rao
4.	Smt P.A.S.S. Krishna Kumari, Retd. Lecturer Incharge of Botany A.S.Degree College for Women, Kakinada Mobile 9121830415 E Mail: <a href="mailto:pullelekk21@gmail.com">pullelekk21@gmail.com</a>	Subject Expert	P. S. S. Krishna Kumari 7/12/2020
5.	Smt P.Swathi, Asst.Director, Biological Control Laboratory, Department of Agriculture, Kakinada Mobile : 9848350962 E.Mail : <a href="mailto:swathijaladi3002@gmail.com">swathijaladi3002@gmail.com</a>	Industrial Expert	P. Swathi
6.	Kum D. DurgaBhavani Lecturer in Botany, Ideal College of Arts and Sciences(A), Kakinada Mobile :9676006768 E-Mail : <a href="mailto:dudaladurgabhavani03@gmail.com">dudaladurgabhavani03@gmail.com</a>	Staff Member	D. Durga Bhavani
7.	Kum M.RatnaJyothi Lecturer in Botany, V.S.M.P.G.College, Ramachandrapuram Mobile : 7675033468 E.Mail : <a href="mailto:keerthanamundakala@gmail.com">keerthanamundakala@gmail.com</a>	Alumni Member	M. Ratna Jyothi
8.	Sri. M.Manikanta , II BZC(E.M), Reg No. 2192519	Student Member	M. Manikanta
9.	Kum. A.Anjali, III BZC(E.M), Reg No. 2182501	Student Member	A. Anjali

K. J. Srinivasulu Reddy  
PRINCIPAL

# IDEAL COLLEGE OF ARTS & SCIENCES

(A.P. Govt. Aided, Autonomous, NAAC Accredited B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

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## BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR 2020-21

### MEETING NOTICE

A meeting of Board of Studies of the Department of Zoology will be held on **30.11.2020 at 11.00 A.M.** in online through Google meet to discuss the following Agenda.

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

#### Agenda:

1. Approval of Syllabus for I, II, III, IV, V & VI Semesters.
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Paper for I, II, III, IV, V & VI Semesters.
4. Approval of certificate course
5. Approval of skill course
6. Approval of action plan of Departmental Activities
7. Methodology of Teaching learning
8. Any other Item related to Curriculum.

  
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"Dr. P.V.N. Raju Vidyapranam  
Samaikot Road, KAKINADA-533 00

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**(A.P. Govt. Aided, Autonomous, NAAC Accredited B)**  
**Dr. PVN RAJU VIDYAPRANGANAM**  
**SAMALKOTA ROAD, KAKINADA**

**Online approval of BOS**

**BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR 2020-21**

**Resolutions:**

The members present discussed the syllabus relating to I, II III, IV, V & VI semesters including Practical in Zoology and proposed the following resolutions

**Resolution 1:** Resolved to approve the syllabus for I, II III, IV, V & VI semesters for the year 2020 - 2021 as appended herewith.

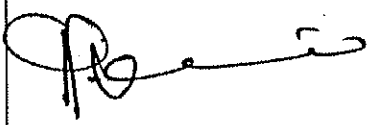
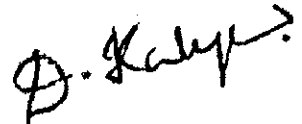
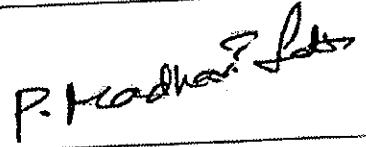

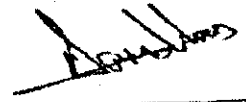
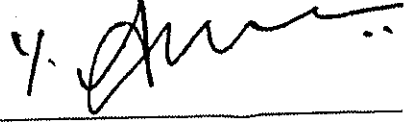
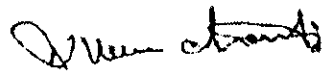
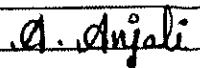

**Resolution 2 :** Resolved to approve the scheme of examinations for the Six semesters and practical of I B.Sc., II B.Sc., and III B. Sc., Zoology as detailed below:.

- a) In Zoology course each year has two papers (I & II for I Year, III & IV for II Year and V, VI for III Year). In VI semester one out of three elective paper (VIIA, VIIB, VIIC) will be selected as per the choice of the student, one set of cluster out of three sets (VIIIA-1, A-2, A-3, VIIIB-1, B-2, B-3 VIIC-1, C-2, C-3) will be selected as per the choice of the student for III Year.
- b) I. & II Semester paper of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, internal examination-15marks (W.E.F 2020-21 onwards). During each semester 2<sup>nd</sup> Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations. Average of two internal examinations conducted, should be taken into consideration. Absentee will be awarded zero marks.



according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

CHAIRMAN & HOD

NO	NAME AND AFFILIATION	DESIGNATION	SIGNATURE
	Smt. M. Vijayasanthi M.Sc., APSET Lecturer In charge Dept Of Zoology, Ideal College of Arts And Sciences (A) Kakinada.	Chairperson	
	Dr. D. Kalyani, M.Sc., Ph. D. Assistant Prof. in Zoology Dept. of Zoology Adikavi Nannaya University Rajamahendravaram	University nominee, AKNUR	
	Dr. P. Madhavelatha, M.Sc., Ph. D. HOD & Associate Prof. Dr. S.R.K College Yanam.	Subject Expert	
	Sri B. Ali Baba M.Sc., M.Phil., Lecturer In charge Dept Of Zoology, P.R. Govt. College Kakinada.	Subject Expert	
	Dr. Muralidhar P. Ande, M.F.Sc, Ph.D Senior Scientist & Officer In-charge, ICAR-CIFE, Kakinada Centre, Kakinada	Industrial Expert	
	Sri Y Ayyanna, M.Sc., (P.hd.,) Lecturer , Dept Of Zoology Ideal College of Arts and Sciences A) Kakinada	Staff member	
	Smt. N. Veera Chanti M.Sc., Lecturer in Zoology ASD College for Women ,Kakinada	Alumni	
	A. Anjali III BZC	Student member	
	A. Devi II BZC	Student member	

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**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

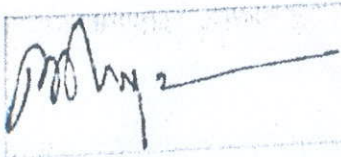
**Board of Studies of History 2020 - 2021**

A meeting of Board of Studies (Online) of the Department of History will be held on 25-11-2020 at 12:00 Noon in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

**Agenda:**

- 1) New Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Pannel of Paper setters and examiners.
- 5) Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2020-2021.
- 6) Other academic activities of Department.
- 7) Department Action plan for 2020-21.



v.n. S

B. Anjini Devi

K. Jhansi Devi  
Principal

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

# IDEAL COLLEGE OF ARTS AND SCIENCES

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Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

## DEPARTMENT OF HISTORY

### BOARD OF STUDIES IN HISTORY – 2020 - 2021

#### Resolutions:

1. The members present discussed the syllabus relating to I, II, III, IV, V & VI semesters B.A. course in History and proposed the following resolutions.
  1. Resolved to approve the syllabus as appended herewith.
  2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2020-2021 admitted batch.
  3. Resolved to conduct I year external theory examination for 70 marks and internal assessment for 30 marks. II year and III year external theory examination for 75 marks and internal assessment for 25 marks. There is no minimum pass mark for internal assessment, where as 26/75 is the theory minimum in the external exam for II year and III year 25/70 is the theory minimum for I year (5 for attendance 10 marks assignments 15 for Internal Examination a total of 30 marks for Internal). 5 for attendance 5 marks assignments 15 for Internal Examination a total of 25 marks for Internal for II & III year.
  4. During each semester 2 internal examinations for each paper.
  5. Regarding absentees for Internals no separate examinations will be conducted.
  6. The minimum pass mark for external exam is 26. Candidate should get a total of 40 marks in internal and external examination put together for I, II, III, IV, V & VI Semesters No minimum marks are prescribed for the internal examinations.
  7. Resolved to approve the model question papers for I, II, III, IV, V & VI Semesters as herewith appended.
  8. Resolved to approve the panel of paper setters and examiners is appended  
Herewith
  9. Resolved to approve the list of recommended books.
  10. Resolved to approve the additional inputs in I & II Semester into the curriculum
  11. The Chairman BOS as authorized to follow the norms prescribed by Adikavi Nannaya University in respect of syllabus, Model paper and Paper structure.
  12. Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2020-2021.

**As per the guidelines of the University, we adapted the following syllabus for VI Semester**

Elective Paper – 1 paper

VII A – History of Modern Europe (from 19<sup>th</sup> Century A.D. to 1950 A.D)

VIII H Cluster – 3 paper

VIII H1 – Cultural tourism in Andhra Pradesh

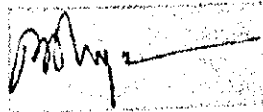
VIII H2 – Popular movements in Andhra Desa (1848 to 1956 A.D)

VIII H3 – Contemporary History of Andhra Pradesh (1956 2014)

After discussion with students as per their selection the above said elective paper and clusters were selected.

Resolved to approve a skill development course titled Tourism Guidance in I year for the Academic year 2020-2021.

Resolved to approve Certificate Course of three months duration in Travel & Tourism Management.



v.N. S

B. Anjan Kumar



## IDEAL COLLEGE OF ARTS AND SCIENCES

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Samalkot Road, KAKINADA

### MEETING NOTICE – 2020-2021

A meeting of Board of Studies of the Department of Political Science will be held on 11.12.2020 at 02:00 P.M. in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

#### Agenda:

- 1) Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.

*K. Srinivas*  
PRINCIPAL

*K. Srinivas*

*Pallavi*

*P. Rajesh*

*P. Rajesh*  
4

*P.V.D. Devi*



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**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada

Dt. 18 .12.2020

**Board of Studies of Economics – 2020- 2021**

**MEETING NOTICE**

A meeting of Board of Studies of the Department of Economics will be conducted on 18-12-2020 at 3.00 P.M. on Online mode to consider the following Agenda.

You are cordially invited and to make it a success.

**Agenda:**

Consideration and approval of the following for the Academic Year 2020-2021.

- 1) Syllabus for the I,II,III,IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I,II,III,IV, V & VI Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.
- 7) Guidelines for the Project Works.
- 8) Guidelines for the value added courses.

*K. J. S. Lakshmi*

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Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

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(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

## DEPARTMENT OF ECONOMICS

### BOARD OF STUDIES IN ECONOMICS – 2020-2021

#### Resolutions:

The members present discussed the syllabus relating to All semesters B.A. course in Economics and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2015-2016 admitted batch.
3. (a) Resolved to conduct external examination for 75 marks and internal examination for 25 marks, (5 for attendance 5 marks assignments 15 for Internal Examination a total of 25 marks for Internal for III, IV, V and VI  
(b) Resolved to conduct external examination for 70 marks and internal examination for 30 marks, (5 for attendance 10 marks assignments 15 for Internal Examination a total of 30 marks for Internal for I and II Semesters.
4. Regarding absentees for Internals no separate examinations will be conducted as schedule and introduction of multiple choice questions and conducted on Online pattern for the semesters III & V.
5. During each semester 2 internal examinations for each paper.
6. (a) The minimum pass mark for external exam is 26. Candidate should get a total of 40 marks in internal and external examination put together for III, IV, V & VI Semester No minimum marks are prescribed for the internal examinations.  
(b) Candidate should get a total of 40 marks in internal and external examination put together for I & II Semesters No minimum marks are prescribed for the internal examinations.
7. Resolved to approve the model question papers for I, III, & V semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is appended Herewith
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs into the curriculum.
11. Resolved to approve the value added courses.
12. The Chairman, Board of Studies has authorised to change any topic of the syllabus or model question paper or any other changes made by the Adikavi Nannaya University, Rajamahendravaram.

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**Dr.P.V.N.Raju Vidya Pranganam**  
Samalkota Road, Kakinada.

**BOARD OF STUDIES IN COMMERCE**

A meeting of the Board of Studies of the Department of Commerce will be held on 17-12-2020 at 10:30 A.M at Ideal College of Arts and Sciences, Samalkota Road, Kakinada, to consider the following agenda.

**Agenda:**

**Consideration and approval of the following for the academic year 2020-2021**

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both internal, external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Resolved to approval Certificate Course in Human Resource Management.
- 7) Other academic activities of Department.

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

  
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Samalkota Road, KAKINADA-533 004

## Resolutions

1. Resolved to approve the syllabus for the I, II, III, IV, V & VI Semesters as appended herewith.
2. Resolved to follow the following pattern for Examinations
  - a) The syllabus of each paper is divided in to two semesters I & II for I Year and III & IV for II Year, V, VI for V semester.
  - b) Paper of I,II, III & IV Semester of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, Internal examination-15 marks. The paper of V, VI semester of 100 marks each has 25% internal evaluation and 75% for external evaluation.
  - c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass marks for I, II & III years for external Examination is 35%. Candidate should get a total of 40 marks in internal and external examinations put together.
3. Resolved to approve the model question papers for I, II, III, IV, V & VI semesters are here with appended.
4. Resolved to approve the panel of paper setters and examiners as appended herewith.
5. Resolved to approve the Certificate Course titled " Human Resource Management " in II semester for the Academic year 2020-21.
6. Resolved to approve the Syllabus & model paper for the paper titles "Secretary Ship" "Logistic and Supply Chain Management, Advertising ", "Online Business" in Revised CBCS (W.E.F 2020-21) Under Skill Development Courses.
7. B.Com Computer Application course started from Academic year 2021-2022.
8. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

*R. Srinivas*  
CHAIRMAN

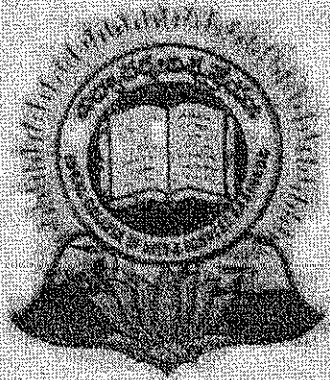
APPROVED

*N. Srinivas*  
UNIVERSITY NOMINEE

*K. Nageswara Rao*  
*V. Venkatesh*  
*S. Ramesh*



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**BOARD OF STUDIES**  
**2020-2021**

**COURSE: B.VOC. AGRICULTURE (R30)**

*1st Semester*

**DEPARTMENT OF AGRICULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**KAKINADA**  
**DEPARTMENT OF AGRICULTURE**  
**Board of Studies of B.VOC., AGRICULTURE**

The Board of Studies for the Department of Agriculture for the year 2020-2021 is constituted with the following Members.

**Sl.No. Members Present**

- |                           |                |
|---------------------------|----------------|
| 1. Srinivasa murthy G.T.  | Chairman       |
| 2. J.H.V.T kumari Harisri | Member         |
| 3. N.Vara prasad          | Student Member |
| 4. CH.Arthi               | Student Member |

**Adikavi Nannaya University Nominee**


1. Dr. A. Matta Reddy  
Professor & HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 9492510010

**Subject experts**

1. Dr. M. Satyanarayana Director, VSM College  
Cell No.6305853430
2. Dr. Dayakaran  
Professor, ANGRU, Rajamahendravaram  
Cell No: 9440336752

**Industry/Scientific Organization**

- Ch. Subrahmanyam**  
Manager, AVR zinc product private limited.

  
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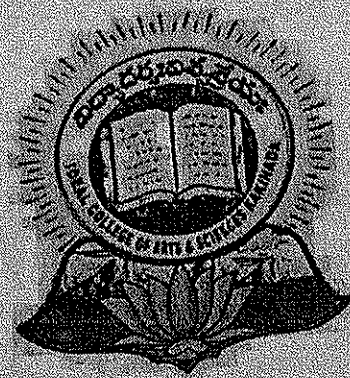
DEPARTMENT OF AGRICULTURE  
B.VOC. AGRICULTURE

Resolution:

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination / semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I and II is here with Appended.
  - g) Practical examination - I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and II Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.



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**KAKINADA**



**BOARD OF STUDIES**  
**2020-2021**

**COURSE: B.VOC., SUSTAINABLE AGRICULTURE**  
*I, II, III, IV Sem.*

**DEPARTMENT OF AGRICULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 24.11.2020

**Board of Studies of B.VOC., sustainable agriculture**

A meeting of Board of studies of the Department of sustainable agriculture will be held on 24.11.2020(11AM) 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 syllabus for the first year & Second year (I, II,III,&IV semesters).
- 2.To prepare and ratify scheme of Examinations for both internal and external examinations.
- 3.Model Question paper for first and second years).
- 4.To fix Panel of paper setters and Examiners.
- 5.Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programme of first and second year.
- 6.Other academic activities of Department.

  
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Samskrti Nagar, KAKINADA - 524 004.



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**DEPARTMENT OF AGRICULTURE**

**Board of Studies of B.VOC., SUSTAINABLE AGRICULTURE**

The Board of Studies for the Department of sustainable agriculture for the year 2020-2021 is constituted with the following Members.

**Sl.No. Members Present**

- |                           |                |
|---------------------------|----------------|
| 1. Srinivasa murthy G.T.  | Chairman       |
| 2. J.H.V.T kumari Harisri | Member         |
| 3. N.Vara prasad          | Student Member |
| 4. CH.Arithi              | Student Member |

**Adikavi Nannaya University Nominee**

1. Dr. A. Matta Reddy  
Professor & HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 9492510010

**Subject experts**

1. Dr. M. Satyanarayana Director, VSM College  
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2. Dr. Dayakaran  
Professor, ANGRU, Rajamahendravaram  
Cell No: 944033675

**Industry/Scientific Organization**

1. Ch. Subrahmanyam  
Manager, AVR Zinc Product Private limited, Yanam

  
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IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. GOVT. AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
Samskret Road, KAKINADA - 593104



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**


The syllabus and model question papers in sustainable agriculture subject for B.Voc., course for the First year and second year in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of agriculture at 24.11.2020(11 AM)

Sl.No.      Members Present

Signatures of Members

1. Srinivasa murthy G.T.

chairman



2. Dr.a. Matta reddy

university nominee

3. Dr.m satyanaranaya

expert

4. Dr. Dayakaran

expert

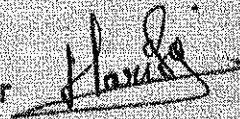
5. Ch. Subramanyam

representative from industry



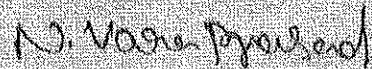
6. JHVT Kumari Harisri

Member



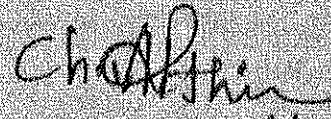
N.vara prasad

Student Member



8. Ch.Arthi

Student Member





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

DEPARTMENT OF AGRICULTURE  
B.VOC., SUSTAINABLE AGRICULTURE

**Resolution:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination / semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I and II is here with Appended.
  - h) Practical examination – I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and II Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.

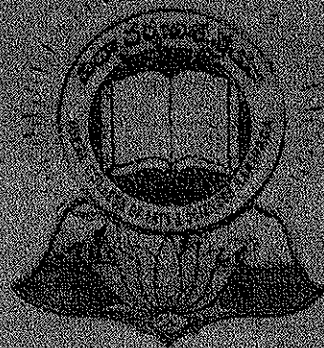


**IDEAL COLLEGE OF ARTS AND SCIENCES**  
 (A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
 DR. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA  
**Bachelor of Vocation: Sustainable Agriculture**  
 Course structure and syllabi: w.e from 2020-21 Admitted Batch  
 Semester I

S.No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>General Education</b>						
1.	English Communication skills-1	100	25	75	4	2
2.	Environmental Studies	50	-	50	2	2
3.	Chemistry (Inorganic & Organic Chemistry)	100	25	75	4	2
4.	Lab Practical	50	-	50	2	2
5.	Fundamentals of Soil Science	100	25	75	4	2
6.	Lab Practical	50	-	50	2	2
<b>Skill Education</b>						
1.	Fundamentals of Agronomy	100	25	75	4	4
2.	Lab Practical	50	0	50	2	2
3.	Fundamentals of Horticulture	100	25	75	4	4
4.	Lab Practical	50	0	50	2	2
5.	Fundamentals of Entomology and Insect ecology	100	25	75	4	4
6.	On Job Training	50	0	50		2



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2020-2021**

**COURSE: B.VOC., Industrial Aquaculture & Fisheries**

**DEPARTMENT OF**  
**FISHERIES AND AQUACULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 09.11.2020

**Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 09.11.2020 at 11.00 A.M 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 syllabus for the First year & Second year (I, II, III & IV semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year & Second year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OIT Programme of First year.
6. Other academic activities of Department.

  
PRINCIPAL

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Ideal College of Arts & Sciences  
KAKINADA







**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Industrial Aquaculture and Fisheries subject for B.Voc course for the First year & Second Year (I, II, III & IV semester) in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Fisheries and Aquaculture at 11.00 AM, 10.00 A.M.

Sl.No.      Members Present

Signatures of Members

1. Dr. K. Narasimhamurthy

Chairman

  
09.11.2020

2. Dr. K. Rameswari

University Nominee

3. Dr. Muralidhar P. Ande

Expert

4. Dr. P. Sandeep

Expert

5. Dr. Rajendra Prasad

Representative from Industry

6. T. Bhavishya Sai

Member

  
09/11/2020

7. Ch. Sridhar

Student Member

8. G. Deva Svarna Raman

Student Member



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B1)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

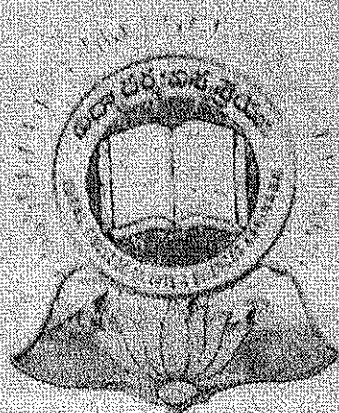
**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**B.VOC., Industrial Aquaculture & Fisheries**

**Resolution:**

1. Resolved to follow the following pattern for Examinations:
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester. III & IV
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination / semester examination be conducted separately for the absentees
  - d) Average of the two internal Examinations will be considered. Absentees will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I and II is here with Appended.
  - g) Practical examination - I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and II Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.
4. Additional inputs into the curriculum and an overview of syllabus incorporate the OJT Programme of First Year and Second Year.



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2020-2021**

**COURSE: B.VOC., Commercial Aquaculture** *(New Course)*  
*I, II Semesters*

**DEPARTMENT OF**  
**FISHERIES AND AQUACULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 09.11.2020


Board of Studies of B.VOC., Commercial Aquaculture

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 09.11.2020 at 11.00 A.M 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 syllabus for the One year & Second year (I & II semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for One year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OIT Programme of One year.
6. Other academic activities of Department.

  
PRINCIPAL



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
Board of Studies of B.VOC., Commercial Aquaculture

The Board of Studies for the Department of Fisheries and Aquaculture for the year 2020-2021 is constituted with the following Members.

SL.No. Members Details

- |                            |                |
|----------------------------|----------------|
| 1. Dr. K. Narasimha Murthy | Chairman       |
| 2. T. Bhavishyasa          | Member         |
| 3. Ch. Sridhar             | Student Member |
| 4. G. Deva Sivaraja Raman  | Student Member |

Adikavi Nannaya University Nominee

1. Dr. K. Rameswaral  
Dept. of Zoology  
HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No. 8974112754

Members from other Colleges

1. Dr. Murabidhar P. Ande  
Senior Scientist & Officer in Charge, CIFE, Kakinada  
Cell No. 7596182790
2. Dr. P. Sandeep  
Scientist I/RS (SVVU), Bulabhadrapuram, Kakinada  
Cell No. 8185039772

Industry/Scientific Organization


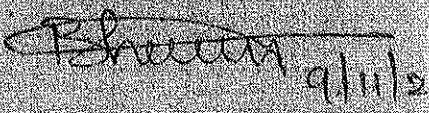
1. Dr. Rajendra Prasad  
Sardoya Marines Limited  
Regional Manager, Kakinada  
Cell No. 2963327676

  
PRINCIPAL



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Commercial Aquaculture subject for B.Voc., course for the First year (I & II semester) in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Fisheries and Aquaculture at 11:00 AM. 10.00 A.M.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Dr. K. NarasimhaMurty Chairman	 09-11-20
2.	Dr. K. Ramaneswarai University Nominee	
3.	Dr. Muralidhar P. Ande Expert	
4.	Dr. P. Sandeep Expert	
5.	Dr. Rajendra Prasad Representative from Industry	
6.	T. Bhavishya Sai Member	 9/11/20
7.	Ch. Sridhar Student Member	
8.	G. Deva Suvarna Raman Student Member	



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT. AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**B.VOC. Commercial Aquaculture**

Resolution

Resolved to follow the following pattern for Examinations:

- a) The syllabus of each paper is divided into two semesters each paper has 25% internal and 75% semester for I and II semester.
- b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
- c) An internal examination / semester examination be conducted separately for the students.
- d) Average of the two internal Examinations will be considered. Absence will be awarded zero marks.
- e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
- f) The pattern of semester examinations and practical I and II is here with Appended.
- g) Practical examination - I and II will be conducted at each Semester and

Resolved to approve the model question papers for I and II Semesters is here with appended.

3. Resolved to approve the panel of paper setters and examiners as appended herewith.

Additional points into the curriculum and incorporation of syllabus to incorporate the CII Programme of (2015-16).



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
 (A.P. GOVT. AIDED, AUTONOMOUS & NAAC B)  
 DR. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA  
**Bachelor of Vocation: Commercial Aquaculture**  
 Course structure and syllabi: w.e from 2020-21 Admitted Batch  
 Semester I

S.No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>General Education</b>						
1.	English Communication skills-1	100	25	75	4	2
2.	Environmental Studies	50	-	50	2	2
3.	Chemistry (Inorganic & Organic Chemistry)	100	25	75	4	2
4.	Lab Practical	50	-	50	2	2
5.	Zoology (Animal Diversity and Nonchordates)	100	25	75	4	2
6.	Lab Practical	50	-	50	2	2
<b>Skill Education</b>						
1.	Biology of Fin Fish & Shell Fishes	100	25	75	4	4
2.	Lab Practical	50	0	50	2	2
3.	Principles or Methods in Aquaculture	100	25	75	4	4
4.	Lab Practical	50	0	50	2	2
5.	Fresh Water Aquaculture	100	25	75	4	4
6.	On Job Training	50	0	50		2
	<b>Total</b>	<b>900</b>			<b>34</b>	<b>30</b>



IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM

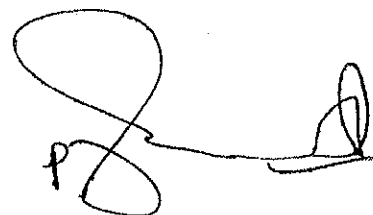
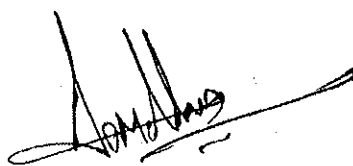
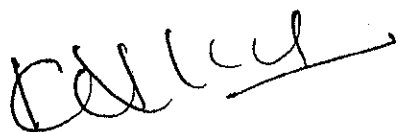
KAKINADA

A.Y.2021-2022

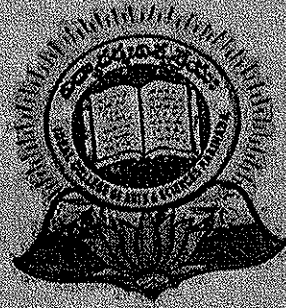
DEPARTMENT OF FISHERIES AND AQUACULTURE  
B.VOC., Commercial Aquaculture & Fisheries

Resolutions:

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 30% internal and 70% semester (15+10+5) for I, II, III & IV (First year & Second Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule. Introduction of objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I, II, III & IV is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for I, II, III & IV semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2020-2021**

**DEPARTMENT OF**  
**FOOD SCIENCE AND**  
**TECHNOLOGY**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 25.11.2020

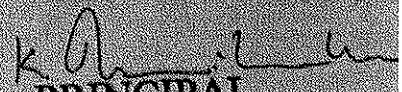
**Board of Studies of B.Voc., Food Processing and Quality Management**

A meeting of Board of studies of the Department of Food Science and Technology will be held on 25.11.2020 at 11:00 AM in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Kakinada, to consider the following Agenda.

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

**Agenda:**

1. To ratify the syllabus for the First year (I & II semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year (I & II semesters).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT programme of First year
6. Other academic activities of Department.

  
**PRINCIPAL**

PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. Govt. Aided, Autonomous & NAAC B)  
"Dr. P.V.N. Raju Vidyapranam"  
Samakol Road, KAKINADA - 533 004.



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**  
**Board of Studies of B.Voc., Food Processing and Quality Management**

The Board of Studies for the Department of Food Science and Technology for the year 2020-2021 is constituted with the following Members.

**Sl.No. Members Present**

1. A. Jyothi Theresa
2. P. Mounika
3. S. Surendra
4. R. L. Prasanthi

Chairman  
Member  
Student Member  
Student Member

*A. Jyothi*  
25/11/2020  
*P. Mounika*  
25/11/2020  
*S. Surendra*

**Adikavi Nannaya University Nominee**

Prof. P. Ramakrishna  
Programme director  
School of Food Technology  
JNTU-KAKINADA  
Cell No: 7702653444

MR. S Sasikanth  
Assistant Professor  
School of Food Technology  
JNTU-KAKINADA  
8008175975

**Members from other Colleges**

1. M. Bhavana  
Asst. Professor  
Vignan University, Guntur  
Ph: 9182713867

2. M V Keerthi  
Asst. Professor  
JNTU-K  
Ph: 9440694276

**Industry/Scientific Organization**

1. D. Anil Kumar  
Grow Best PVT Limited, Area Manager, Kakinada  
Ph: 9440753143

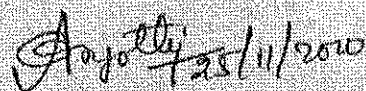
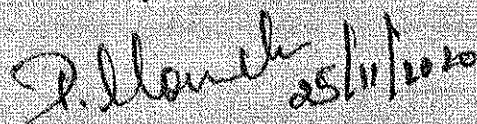
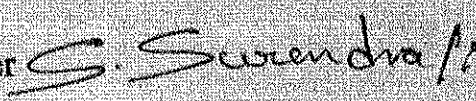
*K. Anil Kumar*  
PRINCIPAL

IDEAL COLLEGE OF  
(A.P. Govt. Aided, Autonomous)  
Dr. P.V.N. Raju Vidyapranaganam  
Samalkot Road, KAKINADA - 533



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Food Processing and Quality management subject for B.Vocation course for the First year (I & II semester) in the academic year 2019-2020, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in Ideal College of Arts and Sciences on 25.11.2020 at 11:00 AM

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	A. Jyothi Theresa	HOD, Ideal College  25/11/2020
2.	Prof. S. Sasikanth	University Nominee
3.	M. Bhavana	Expert
4.	M. V. Keerthi	Expert
5.	V. Tarun Kumar	Representative from Industry
6.	P. Mounika	Member  25/11/2020
7.	S. Surendra	Student Member 
8.	R. L. Prasanthi	Student Member



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
 (A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
 DR. P.V.N. RAJU VIDYAPRANGANAM  
 KAKINADA

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**

**B. Voc., Food Processing and Quality Management**

**RESOLUTIONS:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online nattern partially in internal examinations subject to the condition.
  - c) No internal examination semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be II&IV awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.  
The pattern of semester examinations and practical I and II is here with Appended.
  - h) Practical examination I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and I Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programue of First Year and Second Year

*Angotti 25/11/2020*

*P. Manish 25/11/2020*

*S. Suresh*



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
 (A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
 DR. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA  
 Bachelor of Vocation: Food Processing and Quality management  
 Course structure and syllabi: w.e.f 2019-20 Admitted Batch  
 Semester I

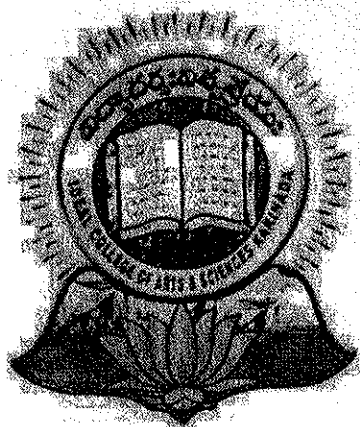
S.No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>General Education</b>						
1.	English Communication skills-I	100	25	75	4	2
2.	Environmental Studies	50	-	50	2	2
3.	Chemistry (Inorganic & Organic Chemistry)	100	25	75	4	2
4.	Lab Practical	50	-	50	2	2
5.	Food Science and Nutrition I	100	25	75	4	2
6.	Food Science and Nutrition I Lab	50	-	50	2	2
<b>Skill Education</b>						
1	Basic Food Microbiology	100	25	75	4	4
2	Basic Food Microbiology Lab	50	0	50	2	2
3	Food Chemistry	100	25	75	4	4
4	Food Chemistry Lab Practical	50	0	50	2	2
5	Basic Principles of Food Preservation	100	25	75	4	4
6	On Job Training	50	0	50		2
	<b>Total</b>	<b>850</b>			<b>34</b>	<b>30</b>

*Asyok*  
25/11/2020

*P. Venkatesh*  
25/11/2020

*S. Suresh*

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2020-2021**

**COURSE: BBA (Digital Marketing)**

**DEPARTMENT OF BBA**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 17.12.2020

**Board of Studies of BBA(Digital Marketing)**


A meeting of Board of studies of the Department of Bachelor of Business Administration will be held on 18.12.2020 at 02.00 P.M in Ideal College of Arts and Sciences (Autonomous), Vidyut Nagar, Kakinada, to consider the following Agenda.

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

**Agenda:**

Consideration, Approval of the following for the Academic Year 2020-21

- 1) Approval the syllabus of I and II Semester.
- 2) Approval the Scheme of Examinations for both internal and external examination.
- 3) Approval the Model Question Paper for I and II Semesters.
- 4) Approval the Panel of Paper setters and examiners.
- 5) Approval the Additional inputs into the curriculum.
- 6) Other academic activities of Department.

  
**PRINCIPAL**  
PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES (B)  
(A.P. Govt. Aided, Autonomous & NAAC B++)  
"Dr. P.V.N. Raju Vidyaprananam"  
Samakot Road, KAKINADA-533 004

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF BBA**  
**Board of Studies of BBA(Digital Marketing)**

The Board of Studies for the Department BBA for the year 2020-2021 is constituted with the following Members.

**Sl.No.Members Present**

- |                                     |          |
|-------------------------------------|----------|
| 1. Dr.M.Navven Krishna<br>MBA, Ph.D | Chairman |
| 2. Ch. Krishna Seetha<br>MBA        | Member   |

**AdikaviNannaya University Nominee**


1. Dr. N.Visalakshi  
Professor,  
HOD  
Aditya Engineering College,  
Surampalem.Cell No: 7729089555

**Members from other Colleges**

1. Mr. V.Kamaraju  
MBA  
Assistant Professor  
VSM College(A),  
Affiliated to AKNU  
Cell:9492828430

**Industry/Banking Organization**





1. Mr. A S S M Teja  
B.Tech, MBA  
Technical Manager (Digital Marketing),  
Smart Creative Solutions,  
Kakinada.  
Cell :7569284559


  
**PRINCIPAL**  
PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES (B)  
(A.P. Govt. Aided, Autonomous & NAAC B++)  
"Dr. P.V.N. Raju Vidyaprananam"  
Samakot Road, KAKINADA-533 004



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Digital Marketing subject for BBA, course for the First year (I & II semester) in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Computer Science on 18.12.2020 at 02.00 P.M.

<u>SL.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Dr.M.Navven Krishna Chairman	
2.	Dr. N.Visalakshi University Nominee	
3.	Mr. V.Kamaraju Members from other Colleges	
4.	Mr. A S S M Teja Representative from Industry	
5.	Ch. Krishna Seetha Member	

  
**PRINCIPAL**  
IDEAL COLLEGE OF ARTS & SCIENCES  
(A.P. Govt. Aided, Autonomous & NAAC B++)  
"Dr. P.V.N. Raju Vidyaprananam"  
Samalkot Road, KAKINADA-533 004

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

**DEPARMENT OF BBA**  
**Digital Marketing**

**SCHEME OF EXAMINATION**

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

1. Each paper has 30 marks (30%) of internal(Continuous Assessment) (15+10 +5) and 70 marks (70% 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. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. Students having attendance between 65% and 75% may be permitted to appear in Semester End/Annual examination on medical grounds only, on payment of Condonation fee along with medical certificate from Government Medical Officer.
7. 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.
8. If the student is absent for internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees.
10. The minimum pass mark for external examination is 25 marks out of 70 marks in external semester end examination.
11. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. 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 2020-21 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

*N. Visal*

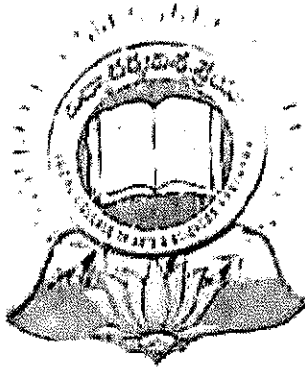


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**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**





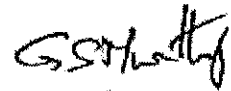

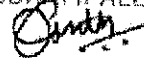
**BOARD OF STUDIES**  
**2020-2021**


**COURSE: B.VOC., Software Development**

**DEPARTMENT OF**  
**COMPUTER SCIENCE**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Software Development subject for B.Voc., course for the First year (I & II semester) in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Computer Science at 11:00 AM.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Mr. PPR Mohan Chairman	
2.	Dr. P. Venkateswara Rao University Nominee	
3.	Dr. G. S.N Murthy Expert	
4.	Dr. S Rao Chintalapudi Expert	 Dr. S. Rao Chintalapudi Associate Professor Department of CSE Pragati Engineering College (A) SURAMPALEM - 533 437
5.	Mr. G.Satish Kumar Representative from Industry	
6.	V. Jeevan Kanth Member	

  
**PRINCIPAL**  
PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. Govt. Aided, Autonomous & NAAC B)  
"Dr. P.V.N. Raju Vidyaprananam"  
Samakot Road, KAKINADA-533 004.



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF COMPUTER SCIENCE**  
**Board of Studies of B.VOC., Software Development**

The Board of Studies for the Department of Computer Science for the year 2020-2021 is constituted with the following Members.

**Sl.No. Members Present**

- |                    |          |
|--------------------|----------|
| 1. PPR Mohan       | Chairman |
| MCA, MTech.        |          |
| 2. V. Jeevan Kanth | Member   |
| MTech.             |          |

*PPR Mohan*  
*V. Jeevan Kanth*

**Adikavi Nannaya University Nominee**

1. Dr. P.V. Venkateswara Rao,  
Associate Professor,  
Department of Computer Science & Engineering  
Adikavi Nannaya University,  
Rajahmahendravaram. Cell No: 8074112754

*P.V. Venkateswara Rao*

**Members from other Colleges**

1. Dr. G.S.N Murthy  
Associate Professor  
Aditya Engineering College(A),  
Affiliated to JNTU Kakinada,  
Cell: 9553548444
2. Dr. S Rao Chintalapudi  
Associate Professor  
Pragati Engineering College(A),  
Affiliated to JNTU Kakinada,  
Cell: 9949379392

*G.S.N Murthy*

*S. Rao Chintalapudi*

**Dr. S. Rao Chintalapudi**  
Associate Professor  
Department of CSE  
Pragati Engineering College (A)  
SURAMPalem - 533 437

**Industry/Scientific Organization**

1. Mr. G. Satish Kumar  
B.Tech(CSE)  
Delivery Manager,  
Vetra Minds Technologies,  
Hyderabad.  
Cell : 9866222226

*G. Satish Kumar*


*K. J. Prasad*  
**PRINCIPAL**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC II)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF COMPUTER SCIENCE**  
**B.VOC., Software Development**

**Resolution:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination / semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I and II is here with Appended.
- h) Practical examination – I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and II Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus incorporates the OJT Programme of First Year.
5. As per the AKNU University and Government of AP Ordinance, a student should secure a minimum of 75% attendance of the total number of classes held during the semester, failing which he/she will be detained from appearing in the semester term examinations. A student who has been detained due to shortage of attendance will not be allowed to be promoted to the next semester and he/she will be required to take re-admission and repeat all courses of the said semester with the next batch of students. In other words he/she will lose one year.

  
**Dr. S. Rao Chitalapudi**  
Associate Professor  
Department of CSE  
Pragati Engineering College (A)  
SURIAPAL - 523 437

  
**SUBJECT EXPERT**

  
**CHAIRMAN**

  
**MEMBER**

**IT COMPANY EXPERT**

  
**UNIVERSITY NOMINEE**

**APPROVED**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 09.11.2020

**Board of Studies of B.VOC., Software Development**

A meeting of Board of studies of the Department of Computer Science will be held on 12.11.2020 at 03.00 P.M 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 syllabus for the One year & Second year (I & II semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for One year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programme of One year.
6. Other academic activities of Department.

  
**PRINCIPAL**

IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. Govt. Aided, Autonomous & NAAC B)  
"Dr. P.V.N. Raju Vidyaprananam"  
Saralok Road, KAKINADA - 533 004.

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P.Govt., Aided, Autonomous & NAAC B)  
**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada

**Board of Studies of English**

**2021-2022**

A meeting of Board of Studies of the Department of English will be conducted on 02.09.2021 at 10:30 A.M in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada to consider the following Agenda.

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

**Agenda:**

1. Syllabus for General English and Communication Skills of I, II, III Semesters.
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Papers for I, II, III Semesters.
4. Panel of Paper setters and examiners.
5. Additional inputs into the curriculum.
6. Other academic activities of the department.

*K. Thirumala*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 28.08.2021

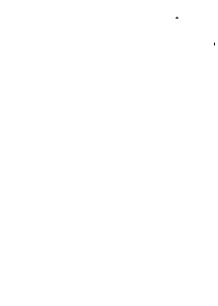
**Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 28.08.2022 at 12.30 P.M 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 syllabus for the First year & Second year (I, II, III & IV Semesters).
- 2.To prepare and ratify scheme of Examinations for both internal and external examinations.
- 3.Model Question paper for First year & Second year).
- 4.To fix Panel of paper setters and Examiners.
- 5.Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
- 6.Other academic activities of Department.

K. Tha:   
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

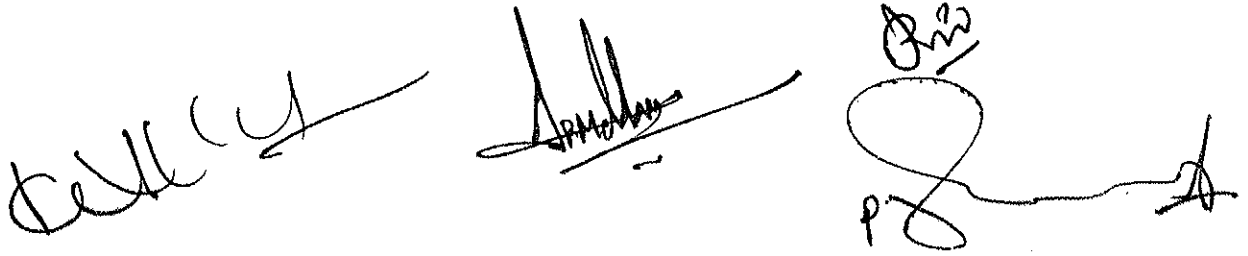
**IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM**

**KAKINADA  
A.Y.2021-2022**

**DEPARTMENT OF FISHERIES AND AQUACULTURE  
B.VOC., Industrial Aquaculture & Fisheries**

**Resolutions:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 30% internal and 70% semester (15+10+5) for I, II, III & IV (First year & Second Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule. Introduction of objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I, II, III & IV is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for I, II, III & IV semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.





IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 28.08.2021

Board of Studies of B.Voc., Commercial Aquaculture and Fisheries

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 28.08.2021 at 12.30 P.M 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 syllabus for the First year & Second year (I, II, III & IV Semesters).
- 2.To prepare and ratify scheme of Examinations for both internal and external examinations.
- 3.Model Question paper for First year & Second year).
- 4.To fix Panel of paper setters and Examiners.
- 5.Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
- 6.Other academic activities of Department.

K. Thulasi Lakshmi  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P.Govt., Aided, Autonomous & NAAC B)  
Dr.P.V.N.RAJU VIDYA PRANGANAM  
Samalkot Road – Kakinada

Board of Studies Telugu 2021- 2022

MEETING NOTICE

A meeting of the Board of Studies of the Telugu Department will be held on 28-08-2021 at 02.00 P.M. in Ideal College of Arts and Sciences (A) Samalkot Road, Kakinada, in online/offline mode to consider the following Agenda.

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

Agenda:

1. Approval of Syllabus for the 1,II & III Semesters.
2. Scheme of Examinations for both Internal and External Examinations.
3. Model Question Paper for I, II & III Semesters.
4. Panel of Paper setters and examiners.
5. Changes and Additional inputs into the curriculum.
6. Approval of life skill & skill development courses.
7. Other academic activities of the Department.



PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**

**(A.P.Govt., Aided, Autonomous & NAAC B)**

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

**Samalkot Road, KAKINADA.**

**DEPARTMENT OF TELUGU**

**MEMBERS OF BOARDS OF STUDIES 2021-2022**

**Minutes of the meeting of the Board of Studies in Telugu held on 28-08-2021 at 02:00 P.M in the Department of Telugu, in Ideal College of Arts and Sciences (B) Kakinada.**

**Members Present**

**Signature**

**1. Dr. S. Priskilla**

**HOD & Chairman**

**2. Dr. B. Saraswati**

**Lecturer & Member**

**3. Sri. B.S.R.Krishna**

**Lecturer & Membe**

**Adikavi Nannaya University Nominee**

**1. Dr. S. Gopalaiah**

**University Nominee**

**HOD of Telugu,**

**P.R. Govt Degree college, Kakinada.**

**Members from other College**

**1. Dr. G. Venkata Ramana**

**Subject Expert**

**HOD of Telugu,**

**A.N.R. Degree college, Gudivada.**

**2. Smt.K.Madhavi**

**Subject Expert**

**HOD of Telugu,**

**A.S.D. Govt Degree College for Womens.**

**Kakinada.**

**Alumni Member**

**1. Sri Saripella Sri Ramachandra Murthy**

**Alumni Member**

**D.N:7-3-10, Prakasam Street,**

**Rama Rao Peta, Kakinada.**

**Students**

**1.Dara Srinu, 1st B.A.**

**Roll no: 2200401046**

**2.D. Prem Kumar, 1st B.com.**

**Roll no: 220040303**

IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA.

DEPARTMENT OF TELUGU

Resolutions: 2021 - 2022

1. బి.ఎ., బి.ఎస్.సి. బి.కాం డిగ్రీ మొదటి, రెండవ, మూడవ సెమిస్టర్ ల పాఠ్యాంశ వాచకములు నిర్ణయించుటకు తీర్మానించడం అయినది.
2. మొదటి, రెండవ, మూడవ సెమిస్టర్ పరీక్షలను నిర్వహించుటకు ఒక్కొక్క సెమిస్టర్ కు బహిర్గత పరీక్షల్లో 70 మార్కులకు అంతర్గతపరీక్షలు 15 మార్కులు అటెండెన్స్-5, అసైన్మెంట్-10 మార్కులకు నిర్వహించుటకు తీర్మానించడం అయినది.
3. మూడు సెమిస్టర్లలోనూ ప్రయోగాత్మకపరీక్షలు లేవు. అంతర్గత పరీక్షల్లో ఉత్తీర్ణత మార్కుల నిబంధన 6 మార్కులు.
4. ప్రశ్నాపత్రం ప్రణాళికలు, మాదిరి ప్రశ్నపత్రములను మొదటి, రెండవ, మూడవ సెమిస్టర్లకు ఇచ్చుటకు తీర్మానించడం అయినది.
5. అదనపు అంశాలు:

1. సెమిస్టర్ -1: యూనిట్ 1. విదురుని ఉపదేశం

మహాభారతం, సభా పర్వం, ద్వితీయాశ్వాసం, (130-145) పద్యాలు

(విదురుడు ధృతరాష్ట్రుడి తో జుడము తగదని చెప్పుట), (అదనముగా చేర్చినది)

2 యూనిట్ -3 : ద్రౌపది భంగపాటు

మహాభారతం, ఏరాట పర్వం, ద్వితీయాశ్వాసం, (165-180) పద్యాలు

(ద్రౌపది తన భంగపాటు భీమునితో నివేదించుట) (అదనముగా చేర్చినది)

6. నన్నయ విశ్వవిద్యాలయం తీర్మానించిన తెలుగు పాఠ్య పుస్తకంలోని 5 యూనిట్స్ పాఠ్య భాగాలకు అదనంగా ఈ క్రింది పాఠ్య భాగాలు చేర్చబడినవి:

బదులుగా చేర్చినవి :

1. సెమిస్టర్ -II యూనిట్ -I ఆధునిక కవిత్యం

రెండవ సెమిస్టరులో యూనిట్ -1 లో "మాతృ సంగీతం" పాఠ్యభాగానికి బదులుగా బాల గంగాధర్ తిలక్ "అమ్మతం కురిసిన రాత్రి" కావ్యం నుండి "వసుదైక గీతం" కవిత,



2. మరియు యూనిట్ -2 లో పి. వి. నరసింహారావు గారి "గొల్ల రామప్ప" కథ,

3. రెండవ సెమిస్టర్ లో టైప్ స్కెల్ & స్కెల్ డెవలప్మెంట్ కోర్సులు 5(1) మార్కులకు

నిర్ణయించుటకు తీర్మానము

7. పాఠ్యాంశాల్లో మార్పులు:

1. \*మూడవ సెమిస్టరులో " లఘు చిత్రాలకు (షార్ట్ ఫిలిమ్స్) కథ, సంభాషణ రచన " అనే అంశాన్ని అదనంగా చేర్చి, గానిపై క్లాస్ రూమ్ సెమినార్ మరియు అసైన్మెంట్స్ మాత్రమే రాయించుట,

8. మొదటి సెమిస్టరులో ముఖ్య ప్రతిపదార్థ పద్యములు, కంఠస్థ పద్యములు, సందర్భ వ్యాఖ్యలు. సుండి సమాస పదములు మరియు అలంకారములు, చందస్సు అంశములకు సంబంధించి బోర్డు తీర్మానంలో సూచించిన విధంగా సెమిస్టర్ ప్రశ్నపత్రము తయారు చేయమని మరియు

9. మొదటి, రెండు, మూడు సెమిస్టర్ పరీక్షల్లోనూ సంక్షిప్త సమాధాన మరియు వ్యాసరూప ప్రశ్నలు బోర్డు రూపొందించిన ప్రశ్నల నిధి (క్వచ్చన్ బ్యాంకు)లో పేర్కొనిన ప్రశ్నల ఆధారంగా సెమిస్టర్ ప్రశ్నపత్రములు తయారు చేయమని ప్రశ్నపత్ర రూపకర్తలకు (క్వచ్చన్ పేపర్ సెట్టర్స్) సూచించుటకు తీర్మానించడమైనది.

\*విశ్వవిద్యాలయ పాఠ్య పుస్తకములలో పేర్కొనిన విధంగా మూడు సెమిస్టరులలో ప్రతి యూనిట్ నుండి తప్పనిసరిగా సంక్షిప్త లేక వ్యాసరూప ప్రశ్నలు రూపొందించుటకు తీర్మానించడమైనది.

\* మూడు సెమిస్టరులలో అదనంగా చేర్చిన పాఠ్యభాగములకు సంబంధించి క్లాస్ రూమ్ సెమినార్స్ నిర్వహించుట మరియు అసైన్మెంట్స్ రాయించుట మాత్రమే చేయవలసి ఉందని తీర్మానించడమైనది.

10. ప్రశ్నపత్రం లను తయారు చేయు వారిని. జవాబు పత్రంలను దిద్దు వారిని నిర్ణయించుటకు తీర్మానం.

11. APSCHE ప్రకారంగా నిర్ణయించబడిన కామన్ కోర్ సిలబస్ ప్రకారం బోధనను అనుసరించుటకు తీర్మానం..

12. APACHE & AKNU నిర్ణయించిన పాఠ్యాంశాల ప్రకారం 2020-2021 సంవత్సరమునకు గాను పాఠ్యాంశములను మార్పు కొనుటకు ఛైర్మన్ కు పూర్తి స్వేచ్ఛ కల్పించుటకు తీర్మానము.

B. Saraswathi  
16/05/2022

  
16/05/2022

D. Saralvaru  
16/05/2022

P. Jayaram

**IDEAL COLLEGE OF ARTS AND SCIENCES(A)**  
**TELUGU COURSE STRUCTURE UNDER CBCS**  
**2021-2022**

<b>Year</b>	<b>Semester</b>	<b>Title</b>	<b>Max. Marks</b>	<b>Credits</b>
I	I	Kavya Sudha	100	03
	II	Adunika Bharathi	100	03
II	III	<b>Srujana Bharathi</b>	100	03



# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P. Govt., Aided., Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

DEPARTMENT OF MATHEMATICS

MEMBERS OF BOARD OF STUDIES 2021 – 2022

Minutes of the meeting of the Board of Studies in Mathematics held on 31-08-2021 at 2.00 P.M.  
(Online) in the Department of Mathematics, Ideal College of Arts and Sciences (A), Kakinada.

S.No	Member Present		Signature
1	Ms. A.Ch. Sravanthi , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Chairman	A. Ch. Nat
2	Ms. K.T.N.Jyothi , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	K. T. N. Jyothi
3	Ms. P. Satya Jyothi, M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	P. Satya Jyothi 31/8/21
4	Ms. Ch. Ratnamala , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	Ch. Ratnamala 31/08/21
5	Dr. D. Chittibabu, Reader, Dept. of Mathematics, Govt. Degree college, Tadepalligudem	University Nominee	D. Chittibabu 31/8/21
6	Prof. V.Ravindranath, M.Sc(IITKGP),,Ph.D.(IIT) OSD to Vice Chancellor & PRO, Professor of Mathematics, UCEK ,JNTU,Kakinada	Subject Expert	V. Ravindranath
7	Ms. Y Padmaja, M.Sc., M.Phil., Head Of The Department, Department of Mathematics, Govt. Degree College, Pitapuram	Subject Expert	Y. Padmaja 31/8/21
8	Sri Ch.V. Guruprasada Rao B.E.(Mech),G.M.(Logistics) ONGC	Representative from industry	Ch. V. Guruprasada Rao 31/8/21
9	Ch. Machara Verriyya , M.Sc., Assistant professor, Rajiv Gandhi university of Knowledge Technology, APIIT- NUZIVID	Alumni Member	Ch. Machara Verriyya 31/8/2021
10	V Lakshmi Bhargavi ., III B.Sc, M.P.C (E.M)	Student Member	V. L. Bhargavi 31/8/2021
11	M. Aswini devi ., III B.Sc, M.P.Cs (T.M)	Student Member	M. Aswini Devi 31/8/21
12	P.Kiran Kumar., II B.Sc, M.P.C (E.M)	Student Member	P. kiran kumar 31/8/21

### Agenda:

- 1) Syllabus for the I, II, III, IV, V, VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V, VI Semesters.
- 4) Syllabus of Vocational Course and Model Papers
- 5) Panel of Paper setters and examiners.
- 6) Approval of skill development courses
- 7) Additional inputs into the curriculum.
- 8) Other academic activities of the Department.
- 9) Any other item related to curriculum with permission of the chair.

K. Th. L. L.  
PRINCIPAL

**IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA**  
(A.P. Govt. Aided, Autonomous & NAAC B)  
**Dr. P.V.N. Raju Vidyaprananam**

**DEPARTMENT OF MATHEMATICS 2021-22**

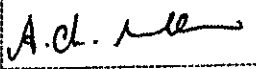
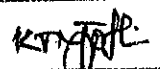

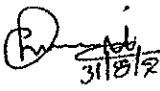
**RESOLUTIONS**

1. It is resolved to approve the syllabus and model question papers for the I B.Sc (I & II Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2021-22, II B.Sc (III & IV Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2020-21, III B.Sc (V & VI Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2019-20 as appended herewith.
2. Resolve to approve the syllabi and model papers (with upgradation of syllabus, additional inputs and change in syllabus) for I, II, III, IV, V, VI semesters.
3. Resolve to approve the syllabi and model papers of Mathematics papers in Vocational Course (Software Development) for I, II, III, IV Semesters
4. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each Paper has 30% internal and 70% Semester for I, II, III, IV Semesters. The division of 100 marks is 70 marks for external evaluation and 30 marks for internal evaluation for I, II, III, IV semesters. The Internal evaluation is allotted as 5 marks for attendance, 15 marks for internal examination and 10 marks for assignment.
  - b) The syllabus of each paper is divided into two semesters each paper has 25% internal and 75% semester for V & VI semesters. The division of 100 marks is 75 marks for external evaluation and 25 marks for internal evaluation for V, VI semesters. The Internal evaluation is allotted as 5 marks for attendance, 15 marks for internal examination and 5 marks for assignment.
  - c) Average of two Internal Examinations will be considered. Absentee will be awarded zero marks.



d) The Minimum pass mark for External Examination is 35%, Candidate should get total of 40 marks in Internal examination put together.

5. Resolved to approve the panel of paper setters and examiners as appended herewith.
6. Resolved to update the syllabus as per the needs of the stakeholders for the academic year 2021-22 and place before the academic council of 2021-22.
7. Resolved to approve the action plan for the academic year 2021-2022.
8. Resolve to approve syllabus and model paper of analytical skills as part of life skills courses under CBCS framework with effect from 2020-21.
9. A resolution authorizing the chairman BOS to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHÉ and other exigencies in consultation with the controller of examinations if necessary.

S.No	Member Present		Signature
1	Ms. A.Ch. Sravanthi , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Chairman	A.C. 
2	Ms. K.T.N.Jyothi , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	
3	Ms. P. Satya Jyothi, M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	P. Satya Jyothi 31/8/21
4	Ms. Ch. Ratnamala , M.Sc., Lecturer in Mathematics, Ideal College of Arts & Sciences (A),Kakinada	Member	Ch. Ratnamala 31/08/21
5	Dr. D. Chittibabu, Reader, Dept. of Mathematics, Govt. Degree college, Tadepalligudem	University Nominee	D. Chittibabu 31/8/21
6	Prof. V.Ravindranath, M.Sc(IITKGP),Ph.D.(IIT) Officer on Special Duty, Professor of Mathematics, UCEK ,JNTU,Kakinada	Subject Expert	
7	Ms. Y Padmaja Head Of The Department, Department of Mathematics, Govt. Degree College, Pitapuram	Subject Expert	Y Padmaja 31/8/21
8	Sri Ch.V. Guruprasada Rao B.E.(Mech) G.M.(Logistics) ONGC	Representative from industry	Ch.V. Guruprasada Rao 31/8/21
9	Ch. MacharaVerriyya , M.Sc., Assistant professor, Rajiv Gandhi university of Knowledge Technology APIIIT- NUZIVID	Alumni Member	 31/8/21
10	V Lakshmi Bhargavi , III B.Sc, M.P.C (E.M)	Student Member	V. L. Bhargavi 31/8/21
11	M. Aswini devi , III B.Sc, M.P.Cs (T.M)	Student Member	M. Aswini Devi 31/8/21
12	P.Kiran Kumar, II B.Sc, M.P.C (E.M)	Student Member	P.Kiran Kumar 31/8/21

# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

Dt. 31.08.2021

## Board of Studies of Physics - 2021-2022

### Meeting Notice

A meeting of Board of Studies of the Department of Physics will be held on 31.08.2021. at 11.00 A.M in Department of Physics( Through ZOOM), Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

#### Agenda:

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE for the Academic year 2021-22.
2. To approve the course structure, syllabi and model paper for the I, II, III, IV, V, & VI Semesters.
3. To ratify the syllabi & Model Papers for the Skill development course on Electrical Appliances in 1<sup>st</sup> semester, Solar Energy in 2<sup>nd</sup> semester, as per APSCHE and Certificate course Soldering & De-soldering in 3<sup>rd</sup> semester.
4. To Suggest panel of examiners/ paper setter & other expert nominees for BOS deliberations.
5. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
6. To approve change in the syllabi, additional inputs and upgradation of syllabi I & II Semesters and Additional inputs and change in syllabi of III & IV Semesters.
7. Introduction of Objective type questions and online pattern partially in internal examinations components subject to the condition.
8. Other Academic Activities of the Department.
9. Any other matter with permission.

*K. Thambi Lakshmi*

PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P. Govt., Aided, Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

**DEPARTMENT OF PHYSICS**

## **Resolutions:**

1. Resolved to approve the syllabi and the model question papers for the I, II, III & IV (syllabus for the I, II, III & IV semesters Recommended by APCHE and Adikavi Nannayya University along with upgradation of the syllabus, additional inputs and change in the syllabus for the Academic year 2021-2022).
2. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the I, II, III & IV Semesters
3. Resolved to approve the syllabi of practical for the I, II, III, IV, V & VI Semesters
4. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 30% internal (C I A) and 70% (S E) for I, II, III & IV semester.
  - b) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for V & VI semester.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - d) The Internal evaluation is allotted as 5 Marks for attendance 15 Marks for internal Examination in which the compulsory pass marks is 40% and 10 marks for assignment.
  - e) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - g) The pattern of semester examinations and practical I, II, III, IV, V & VI is here with Appended.
  - h) Practical examination – I, II, III, IV, V & VI will be conducted at each Semester end for 50 marks with duration 3 hours. They shall be conducted by two examiners, i.e. with both internal examiners on odd semester and with one internal and one external examiner on even semester.
5. Resolved to approve the panel of paper setters and examiners as appended herewith.
6. Resolved to approve the Skill development course on Electrical Appliances in 1<sup>st</sup> semester as per APSCHE.
7. Resolved to approve the Skill development course on Solar Energy in 2<sup>nd</sup> semester as per APSCHE
8. Resolved to approve the certificate course on Soldering & De-soldering in 3<sup>rd</sup> semester.
9. Resolved to approve the Departmental activities for the year 2021-2022.
10. 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 2021-2022 and also is authorized to adopt any changes made in the middle of the academic year, by the University, APSCHE and other exigencies in consultation with the controller of examinations if necessary.

**IDEAL COLLEGE OF ARTS & SCIENCES : KAKINADA**  
( A.P.Govt. Aided, Autonomous, NAAC Accredited B, ANUR Affiliated)

**Department of Computer Science**

DI. 26-08-2021

**Meeting Notice**

A meeting of Board of Studies in Computer Science will be held on 29-08-2021 at 10.00 A.M. in Science College Campus, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada, to consider the following Agenda.

**Agenda**

1. To ratify the Syllabus for I, II, III, IV, V and VI Semesters.
2. To ratify the Scheme of Examination for both Internal and External examinations.
3. To ratify the Model Question Papers for I, II, III, IV, V and VI Semesters.
4. To ratify Panel of Paper Setters and Examiners.
5. Introduction of Objective type questions and online pattern partially in Internal Examinations subject to the condition.
6. To ratify the Diploma Course of Six months duration in **Web Designing** in Semester-II and Certificate Course of Three months duration in **Photoshop** in Semester-I.
7. To ratify the Syllabus of B.Com. Computer Applications in I and II Semesters, Scheme of Examination for Internal and External Examinations and Model Papers.
8. Other academic activities of Department.

*K. Thani Lalw*  
**PRINCIPAL**

Ideal College of Arts & Sciences (A)  
KAKINADA



# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(A.P.Govt. Aided, Autonomous, NAAC Accredited B, ANUR Affiliated)

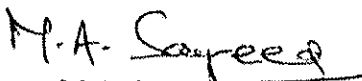
## Department of Computer Science

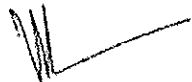
### Minutes of the meeting

A meeting of the Board of Studies in Computer Science held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada.

#### RESOLUTIONS:

1. It is resolved to follow the syllabus for I, II, III, IV, V and VI Semesters as per CBCS, which is ratified in the Board of Studies meeting held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2021-2022.
2. It is resolved to implement the same Scheme of Examination for both Internal and External examinations, which is ratified in the Board of Studies meeting held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2021-2022.
3. It is resolved to implement the same pattern of Question papers for I, II, III, IV, V and VI Semesters, which is ratified in the Board of Studies meeting held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2021-2022.
4. It is resolved to suggest the same panel of Paper Setters and Examiners for I, II, III, IV, V and VI Semesters under semester wise stream, which is ratified in the Board of Studies meeting held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2021-2022.
5. It is resolved to approve Diploma Course of Six Months duration in **Web Designing** in Semester-II and Certificate course of Three Months duration in **Photoshop** in Semester-I, which are ratified in the Board of Studies meeting held on 29-08-2021 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2021-2022.
6. It is resolved and permitted to Chairman to make changes in Theory/Practical I, II and III B.Sc. (Computer Science) and I B.Com. (Computer Applications) Syllabus as per the direction of University, APSCHE and other exigencies in consultation with the Controller of Examinations for the academic year 2021-2022.

  
M.A. Sayeed  
Chairman

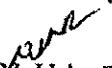
  
Dr. V. Persis, M.C.A., Ph.D.,  
University Nominee

  
G. Gopala Krishna Reddy,  
from Corporate Sector

  
G. Vijaya Lakshmi,  
Alumni Member & Advisor

  
K. Machar Rao  
Member

  
Dr. A. Krishnamohan  
Subject Expert

  
S.S.S.N. Usha Devi.,  
Subject Expert

  
Y. Harish Sri Manideep,  
Student Member

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP Govt. Aided, Autonomous, NAAC Accredited B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA – 533 004.

## Board of Studies of Chemistry

Dt.21-08-2021

### Meeting Notice

A meeting of Board of Studies of the Department of Chemistry, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada will be held on 25.08.2021 at 2.00 P.M. through online, to consider the following Agenda.

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

#### Agenda:

- 1) Syllabus for the I, II, III, IV, V & VI Semesters
- 2) Scheme of Examination for both internal and external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



# BOARD OF STUDIES 2021-2022

## DEPARTMENT OF CHEMISTRY

2021 - 2022

### Agenda:

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both internal, external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

### Resolutions:

1. Resolved to approve the syllabus for the I, II, III, IV, V & VI Semesters (Theory & Practicals) as appended herewith.
2. Resolved to follow the following pattern for Examinations
  - a) Each Year is divided in to two semesters (I & II for I Year, III & IV for II Year, V & VI for III year. In VI semester one out of three elective paper (VIIA, VIIB, VIIC) will be selected as per the choice of the student, one set of cluster out of three sets (VIIIA-1, A-2, A-3, VIIIB-1, B-2, B-3 and VIIC-1, C-2, C-3) will be selected as per the choice of the student for III Year
  - b) Paper of I, II, III & IV Semester of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, Internal examination-15 marks. The paper of V, VI semester of 100 marks each has 25% internal evaluation and 75% for external evaluation
  - c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass marks for I, II & III years for external Examination is 35%. Candidate should get a total of 40 marks in internal and external examinations put together.

- f) The pattern of semester examinations and practical – I, II, III, IV, V & VI is here with appended.
- g) Practical examinations will be conducted at each Semester end.
3. Resolved to approve the model question papers for I, II, III, IV, V & VI semesters are here with appended.
  4. Resolved to approve the panel of paper setters and examiners as appended herewith.
  5. Resolved to approve the Certificate Course titled "WATER ANALYSIS" in II semester for the Academic year 2021-22.
  6. Resolved to approve the Plan of Action for the Academic Year 2021-22.
  7. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others by consulting with the members of BoS as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

*Preaveenel*

*B. Srinivas*

*K. Rajan*

*R. Srinivas*

*P. Lema*

*[Signature]*

*[Signature]*

*M. Grace Priyanka*

*[Signature]*

# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

## Board of Studies of Botany- 2021-2022

A meeting of Board of Studies of the Department of Botany will be held on 28.08.2021 at 11 AM in online mode through Google Meet.

You are cordially invited to attend the meeting and make it success. I herewith enclose the agenda of the meeting

### Agenda:

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE.
2. To approve the course structure, syllabi and model papers for the I, II, III, IV, V & VI Semesters.
3. To ratify the syllabi & Model Papers for the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> Semester.
4. To ratify the syllabi & Model Papers for the Skill development Course Plant Nursery in 1<sup>st</sup> semester and Fruit and Vegetable preservation in 2<sup>nd</sup> Semester.
5. To Suggest panel of Examiners/ paper setter & other expert nominees for BOS deliberations.
6. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
7. To approve change in the syllabi, additional inputs and upgradation of syllabus
8. Introduction of Objective type questions and online pattern partially in internal examinations components subject to the condition.
9. Other Academic Activities of the Department.
10. Any other matter with permission.



**IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA**


(A.P. Govt. Aided, Autonomous & NAAC B)

**Dr. P.V.N. Raju Vidyaprananam**

**Department of Botany**

**Panel of Board of Studies of Botany 2021-2022**


Minutes of the meeting of the Board of Studies in Botany held on 28.08.2021 at 11.00 A.M. in online mode through Google Meet.

S.No.	Members Present			Signature
1.	Dr. M.Sulakshana	HOD	Chairman	M. Sulakshana
2.	Kum D.Durga Bhavani	Lecturer	Member	
3.	Kum J. Poornima	I BZC (E.M.) Roll No. 2200402524	Member	J. Poornima
4.	Sri M.Manikanta	II BZC (E.M.) Roll No. 2192519	Member	M. Manikanta

**Adikavi Nannaya University Nominee**

5.	Smt P.Sara, Lecturer Incharge of Botany, P.R.Govt. Degree College, Kakinada Mobile : 7386379223 E.Mail : <a href="mailto:sharagiridhar@gmail.com">sharagiridhar@gmail.com</a>	University Nominee	P. Sara
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**Members from other Colleges**

6.	Dr.A.Srinivasa Rao Lecturer Incharge of Botany Govt. Degree College, Mandapeta. Mobile : 8309843949 E.Mail : <a href="mailto:drannabattulasrao@gmail.com">drannabattulasrao@gmail.com</a>	Subject Expert	A. Srinivasa Rao
7.	Smt G.R.N.S.Sujatha, Incharge of Botany A.S.Degree College for Women(A), Kakinada Mobile : 8897047672 E.Mail.: <a href="mailto:sujathagaganam@gmail.com">sujathagaganam@gmail.com</a>	Subject Expert	

**Industry / Scientific Organisation**

8. Smt P.Swathi,  
Asst.Director,  
Biological Control Laboratory,  
Department of Agriculture, Kakinada  
Mobile : 9848350962  
E.Mail : swathijaladi3002@gmail.com

Industrial  
Expert

*Swathi*

**Alumni Member**

9. Kum M.Ratna Jyothi  
Lecturer in Botany,  
V.S.M.P.G.College,  
Ramachandrapuram  
Mobile : 7675033468

Member  
(Alumini)

*M. Ratna Jyothi*

*Jyothi  
Jyothi@gmail.com 24@  
gmail.com*

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP State Government Aided, Autonomous, NAAC Accredited B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

## DEPARTMENT OF BOTANY 2021-2022

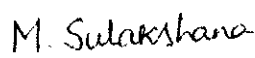
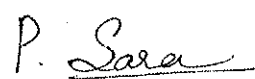
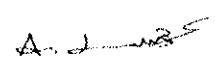


### Resolutions

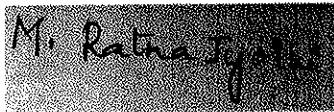

1. Resolved to approve the syllabus and the model question papers for the III, IV Semesters (syllabus for the III, IV semesters Recommended by APSCHE along with upgradation of the syllabus, additional inputs and change in the syllabus for the admitted batch 2021-2022).
2. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the I, II, V & VI Semesters
3. Resolved to approve the Practical syllabus and model papers for the I,II,III, IV, V & VI Semesters
4. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% Semester for I, II, III, IV semesters.
  - b) The syllabus of each paper is divided into two semesters each paper has 25% internal and 75% semester for V & VI semesters.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - d) The Internal evaluation is allotted as 5 Marks for attendance, 15 Marks for Internal Examination and 10 marks for Assignment.
  - e) Average of the two Internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) Resolved to introduce 2 marks questions for I, II, III, IV semesters as per the APSCHE Model paper given
  - g) The minimum pass mark for External Examination is 35%, Candidate should get a total of 40 marks in Internal and External examination put together.
  - h) Practical examination – I, II, III, IV, V & VI will be conducted at each Semester end for 50 marks with a duration of 3 hours. They shall be conducted by two Internal examiners on odd semester and with one Internal and one External examiner on even semester.
5. Resolved to approve the Panel of paper setters and examiners as appended herewith.
6. Resolved to approve the Skill Development course on Plant Nursery in 1<sup>st</sup> semester as per APSCHE.
7. Resolved to approve the Skill Development course on Fruit and Vegetable Preservation in



8. Resolved to approve the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> semester for B.A, B.Com, B.Sc Students.
9. Resolved to approve Action plan for the year 2021-2022
10. Resolved to approve the Departmental activities for the year 2021-2022.
11. 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 2021-2022 and also authorized to adopt any changes made in the middle of the academic year, by the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

**Members :**

S.No	Name and Affiliation	Designation	Signature
1.	Dr. M. Sulakshana HOD of Botany, Ideal College of Arts and Sciences(A), Kakinada Mobile : 7997633870 E.Mail : <a href="mailto:sulakshanabotany@gmail.com">sulakshanabotany@gmail.com</a>	Chairman	
2.	Smt P.Sara, Lecturer Incharge of Botany, P.R.Govt. Degree College, Kakinada Mobile : 7386379223 E.Mail : <a href="mailto:sharagiridhar@gmail.com">sharagiridhar@gmail.com</a>	University Nominee	
3.	Dr.A.Srinivasa Rao Lecturer Incharge of Botany Govt. Degree College, Mandapeta. Mobile : 8309843949 E.Mail : <a href="mailto:drannabattulasrao@gmail.com">drannabattulasrao@gmail.com</a>	Subject Expert	
4.	Smt G. Sujatha, Incharge of Botany A.S.Degree College for Women, Kakinada Mobile : 8897047672 E.Mail.: <a href="mailto:sujathagaganam@gmail.com">sujathagaganam@gmail.com</a>	Subject Expert	
5.	Smt P.Swathi, Asst.Director, Biological Control Laboratory, Department of Agriculture, Kakinada Mobile : 9848350962 E.Mail : <a href="mailto:swathijaladi3002@yahoo.com">swathijaladi3002@yahoo.com</a>	Industrial Expert	

6.	Kum M.Ratna Jyothi Lecturer in Botany, V.S.M.P.G.College, Ramachandrapuram Mobile : 7675033468 Email.: keerthanamudakal@gmail.com	Alumni Member	
7.	Kum D. Durga Bhavani Lecturer in Botany Ideal College of Arts and Sciences(A), Kakinada Mobile : 9676006768 E.Mail dudaladurgabhavani03@gmail.com	Staff Member	
8.	Sri. M.Manikanta Roll No. 2192519 II BZC (E)	Student Member	M. Manikanta
9.	Kum. J. Poornima I BZC (E.M.) Roll No. 2200402524	Student Member	J. poornima

## IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

### Board of Studies of History 2021 - 2022

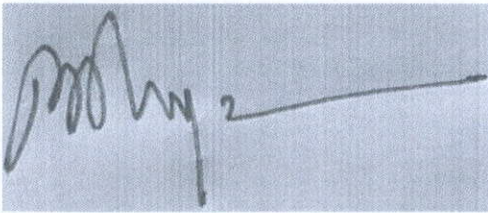
A meeting of Board of Studies (Online) of the Department of History will be held on 31-08-2021 at 1:00 P.M in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

#### Agenda:

- 1) New Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Pannel of Paper setters and examiners.
- 5) Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2021-2022.
- 6) Other academic activities of Department.
- 7) Department Action plan for 2021-2022.

B. Anjan Kumar



K. Shrinivas  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

V.N.S



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

**DEPARTMENT OF HISTORY**

**BOARD OF STUDIES IN HISTORY – 2021 - 2022**

**Resolutions:**

1. The members present discussed the syllabus relating to I, II, III, IV,V & VI semesters B.A. course in History and proposed the following resolutions.
  1. Resolved to approve the syllabus as appended herewith.
  2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2021-2022 admitted batch.
  3. Resolved to conduct I & II year external theory examination for 70 marks and internal assessment for 30 marks. III year external theory examination for 75 marks and internal assessment for 25 marks. There is no minimum pass mark for internal assessment, where as 26/75 is the theory minimum in the external exam for III year 25/70 is the theory minimum for I & II year (5 for attendance 10 marks assignments 15 for Internal Examination a total of 30 marks for Internal). 5 for attendance 5 marks assignments 15 for Internal Examination a total of 25 marks for Internal for III year.
  4. During each semester 2 internal examinations for each paper.
  5. Regarding absentees for Internals no separate examinations will be conducted.
  6. The minimum pass mark for external exam is 26. Candidate should get a total of 40 marks in internal and external examination put together for I, II, III, IV, V & VI Semesters No minimum marks are prescribed for the internal examinations.
  7. Resolved to approve the model question papers for I, II, III, IV, V & VI Semesters as herewith appended.
  8. Resolved to approve the panel of paper setters and examiners is appended  
Herewith
  9. Resolved to approve the list of recommended books.
  10. Resolved to approve the additional inputs in I & II Semester into the curriculum
  11. The Chairman BOS as authorized to follow the norms prescribed by Adikavi Nannaya University in respect of syllabus, Model paper and Paper structure.
  12. Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2020-2021.

**As per the guidelines of the University, we adapted the following syllabus for VI Semester**

Elective Paper – 1 paper

VII A – History of Modern Europe (from 19<sup>th</sup> Century A.D. to 1950 A.D)

VIII H Cluster – 3 paper

VIII H1 – Cultural tourism in Andhra Pradesh

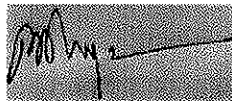
VIII H2 – Popular movements in Andhra Desa (1848 to 1956 A.D)

VIII H3 – Contemporary History of Andhra Pradesh (1956 2014)

After discussion with students as per their selection the above said elective paper and clusters were selected.

Resolved to approve Certificate Course of three months duration in Travel & Tourism Management.

B. Anjan Kumar



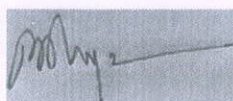
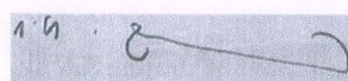
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**IDEAL COLLEGE OF ARTS AND SCIENCES (A), KAKINADA**  
**DEPARTMENT OF HISTORY**  
**ALLOCATION OF CREDITS AT B.A. COURSE LEVEL**

S.No	Semester	Course Code	Course Title	Hours per week	Max Marks			Credits
					Mid	Sem End	Total	
01.	I	1101	ANCIENT INDIAN HISTORY & CULTURE (from Indus Valley Civilization to 13 <sup>th</sup> Cen A.D )	5	30	70	100	4
02.	II	2101	Medieval Indian History & Culture(1206 A.D to 1764 A.D)	5	30	70	100	4
03.	III	3101	Semester – III Course-III Modern Indian History & Culture (1964-1947 A.D)	5	30	70	100	4
04.	IV	4101	Semester– IV Course-IV History & Culture of Modern Andhra (from 1512 to 1956 A.D	5	30	70	100	4
			Semester– IV Course- V History of Modern World (from 15 <sup>th</sup> AD to 1945 A.D)	5	30	70	100	4
05.	V	5101	Paper – V History of Modern World (1453 to 1821A.D.)	5	25	75	100	4
		5102	Paper – VI History & Culture of Andhra Desa (from 12 <sup>th</sup> to 19 <sup>th</sup> Century A.D.)	5	25	75	100	4
06.	VI	6121	Paper – VII History of Modern World	5	25	75	100	4
		6122	Paper – VIII Cluster A-1 Cultural Tourism	5	25	75	100	4
		6123	Paper – VIII Cluster A-2 Popular Movements in Andhra Desa	5	25	75	100	4
		6903	Paper – VIII Cluster A-3 Contemporary History of Andhra Pradesh 1956-2014	5	25	75	100	4
			Certificate Course: Travel and Tourism Management					

B. Anjan Kumar



**IDEAL COLLEGE OF ARTS & SCIENCES**  
(A.P. Govt. Aided, Autonomous, NAAC Accredited B)  
Dr. PVN RAJU VIDYAPRANGANAM  
KAKINADA  
**BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR**  
**2021-2022**

**MEETING NOTICE**

A meeting of Board of Studies of the Department of Zoology will be held on **28.08.2021 at 11.30 A.M.** in online mode through Google meet to discuss the following Agenda.

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

**Agenda:**

1. Approval of Syllabus for I, II, III, IV, V & VI Semesters.
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Paper for I, II, III, IV, V & VI Semesters.
4. Approval of action plan of Departmental Activities for the year 2021-22
5. Any other Item related to Curriculum.

*K. Thunil Kumar*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS & SCIENCES**  
**(A.P. Govt. Aided, Autonomous, NAAC Accredited B)**  
**Dr. PVN RAJU VIDYAPRANGANAM**  
**SAMALKOTA ROAD, KAKINADA**

**Online approval of BOS**

**BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR 2021-22**

**Resolutions:**

The members present discussed the syllabus relating to I, II, III, IV, V & VI semesters including Practical in Zoology and proposed the following resolutions

**Resolution 1:** Resolved to approve the syllabus for I, II, III, IV, V & VI semesters for the year 2021 - 2022 as appended herewith.

**Resolution 2 :** Resolved to approve the scheme of examinations for the Six semesters and practical of I B.Sc., II B.Sc., and III B. Sc., Zoology as detailed below.

- a) The syllabus of each paper is divided into two semesters (I & II for I Year and III & IV for II Year, V, VI for V semester and one out of three elective paper (VIIA, VIIB, VIIC) will be selected as per the choice of the student, one set of cluster out of three sets (VIIIA-1, A-2, A-3, VIIB-1, B-2, B-3 VIIC-1, C-2, C-3) will be selected as per the choice of the student for III Year. The elective paper selected for this year is VII B **Cellular metabolism** and molecular biology and VIIB Cluster paper is **Aquaculture**
- b) I, II, III & IV Semester paper of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, internal examination-15 marks
- c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
- d) For semesters V & IV, Theory examination will be conducted for 75 marks, minimum pass marks for External Examination is 35% candidate should get a total of 40 marks in internal and external examination put together.
- e) For semesters III, IV, V & VI, Internal Assessment will be conducted for 15 marks. Average of two examinations conducted, should be taken into consideration. 5 marks were allotted for Assignment/Viva, and another 5 marks for students attendance. No minimum pass mark for internal assessment.
- f) Practical Examination will be conducted at the end of each Semester for 50 marks.

**Resolution 3:** Resolved to approve the model question papers of I, II, III, IV, V & IV semesters and Practical examination of I B.Sc., II B.Sc., III B.Sc., Zoology as appended.

**Resolution 4:** Resolved to approve the list of paper setters and examiners for all the semesters for I, II, & III B.Sc., Zoology for the year 2020-21 as appended herewith.

**Resolution 5:** Resolved to conduct Seminars, Quiz, Assignments to the students as part of other academic activities of the department for the year 2021-22.

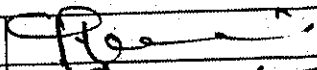
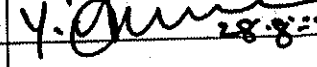
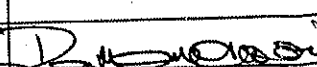
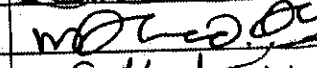
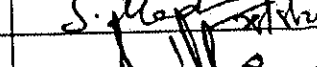
**Resolution 6:** Resolved to approve action plan of departmental activities for the year 2021-22.

**Resolution 7:** Resolved to approve the recommendations suggested by the members of BOS to change in syllabus of Zoology for the benefit of students (suggestions / recommendations copy enclosed)

**Resolution 8:** Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCE and other exigencies in consultation with the Controller of Examinations if necessary.

  
CHAIRMAN & HOD

**Signatures :**

1	Smt M.Vijaya santhi	Chairman	
2	Sri Y.Ayyanna	Faculty member	Y. Ayyanna 28/8/21
3	Dr.KSN Murthy	Faculty member	
4	Dr.K.Ramaneswari	University Nominee	
5	Sri B .Ahmed Ali baba	Subject expert	
6	Smt.S.Madhavi	Subject expert	S. Madhavi 28/8/21
7	Dr,P.A.Muralidhar	Member from Scientific organization	 28/08/2021
8	Smt.N.Veerachanti	Alumini member	N. Veerachanti 25/8/21
9	P.Lahari	Student member	P. Lahari
10	Sk.Sayara bahu	Student member	Sk. shaira bahu



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

Dt. 01.09.2021

**Board of Studies of Economics – 2021- 2022**

**MEETING NOTICE**

A meeting of Board of Studies of the Department of Economics will be conducted on 02-09-2021 at 3.00 P.M. on Online mode to consider the following Agenda.

You are cordially invited and to make it a success.

**Agenda:**

Consideration and approval of the following for the Academic Year 2021-2022

- 1) Syllabus for the I,II,III,IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I,II,III,IV, V & VI Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.
- 7) Guidelines for the Project Works.
- 8) Guidelines for the value added courses.

*K. Thirumala Rao*

**PRINCIPAL**

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(A.P.Govt., Aided, Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

**DEPARTMENT OF ECONOMICS**

**BOARD OF STUDIES IN ECONOMICS – 2021-2022**

**Resolutions:**

The members present discussed the syllabus relating to All semesters B.A. course in Economics and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2015-2016 admitted batch.
3. (a) Resolved to conduct external examination for 75 marks and internal examination for 25 marks, (5 for attendance 5 marks assignments 15 for Internal Examination a total of 25 marks for Internal for III, IV, V and VI  
(b) Resolved to conduct external examination for 70 marks and internal examination for 30 marks, (5 for attendance 10 marks assignments 15 for Internal Examination a total of 30 marks for Internal for I and II Semesters.
4. Regarding absentees for Internals no separate examinations will be conducted as schedule and introduction of multiple choice questions and conducted on Online pattern for the semesters III & V.
5. During each semester 2 internal examinations for each paper.
6. (a) The minimum pass mark for external exam is 26. Candidate should get a total of 40 marks in internal and external examination put together for III, IV, V & VI Semester No minimum marks are prescribed for the internal examinations.  
(b) Candidate should get a total of 40 marks in internal and external examination put together for I & II Semesters No minimum marks are prescribed for the internal examinations.
7. Resolved to approve the model question papers for I, III, & V semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is appended Herewith
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs into the curriculum.
11. Resolved to approve the value added courses.
12. The Chairman, Board of Studies has authorised to change any topic of the syllabus or model question paper or any other changes made by the Adikavi Nannaya University, Rajamahendravaram.

# IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P. Govt., Aided., Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA

## MEETING NOTICE – 2021-2022

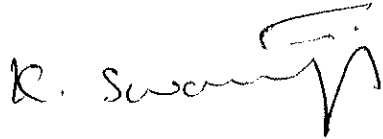
A meeting of Board of Studies of the Department of Political Science will be held on 31.08.2021 at 03:00 P.M. in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

### Agenda:

- 1) Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.

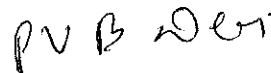
  
PRINCIPAL







4





## IDEAL COLLEGE OF ARTS AND SCIENCES

(A.P. Govt., Aided., Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

### RESOLUTIONS

The members present discussed the syllabus relating to I, II, III, IV, V & VI Semesters B.A. course in Political Science and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised AdikaviNannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2020-2021 admitted batch.
3. Resolved to conduct external examination for 75 marks and internal examination for 25 marks, (5 for attendance 5 marks assignments 15 for Internal Examination a total of 25 marks for Internal).
4. During each semester 2 internal examinations for each paper.
5. Regarding absentees for Internals no separate examinations will be conducted.
6. The minimum pass mark for external exam is 26. Candidate should get a total of 40 marks in internal and external examination put together for I, II, III, IV, V & VI Semesters No minimum marks are prescribed for the internal examinations.
7. Resolved to approve the model question papers for I, II, III, IV, V & VI Semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is appended Herewith
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs into the curriculum.
11. The Chairman, Board of Studies has authorized to change any topic of the syllabus or model question paper or any other changes made by the AdikaviNannaya University, Rajamahendravaram.
12. Resolved to conduct external examinations for 70 marks and internal examinations for 30 marks. (5 for attendance 10 marks assignments 15 for Internal Examination a total of 30 marks for Internal). 2020-2021 batch.
13. Syllabus change 20% in I,II III, IV, V & VI Semester for the year 2020-2021

K. Swamy

A. Rave

A. Rajgopal Rao

Pallavi

P. B. Dew

**IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA**  
(AP State Government Aided, Autonomous, NAAC Accredited B)  
**Dr.P.V.N.Raju Vidya Pranganam**  
Samalkota Road, Kakinada.

**BOARD OF STUDIES IN COMMERCE**

A meeting of the Board of Studies of the Department of Commerce will be held on **31-08-2021 at 10:30 A.M at Ideal College of Arts and Sciences, Samalkota Road, Kakinada,** to consider the following agenda.

**Agenda:**

**Consideration and approval of the following for the academic year 2021-2022**

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both internal, external examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Resolved to approval Certificate Course in Human Resource Management.
- 7) Other academic activities of Department.
- 8) B.Com Computer Application course started from Academic Year 2021-2022.

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

*K. Jha: Kallu*  
**PRINCIPAL**

**IDEAL COLLEGE OF ARTS & SCIENCES IE**  
A.P. Govt. Aided, Autonomous & NAAC B..  
"Dr. P.V.N. Raju Vidyaprananam"  
Samalkota Road, KAKINADA-533 004

**DEPARTMENT OF COMMERCE**  
**BOARD OF STUDIES**  
**2021-2022**

**Agenda:**

1. Syllabus for the I, II, III, IV, V and VI Semesters.
2. Scheme of Examinations for both internal, external examinations.
3. Model Question Papers for I, II, III, IV, V & VI Semesters
4. Panel of Paper setters and examiners.
5. Additional inputs into the curriculum.
6. Resolved to approval Certificate Course in Human Resource Management.
7. Other academic activities of Department.



**IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA**  
(AP State Government Aided, Autonomous, NAAC Accredited B)

**Dr.P.V.N.Raju Vidya Pranganam**  
Samalkota Road, Kakinada

**Department of Commerce 2021-2022**

**Members of Board of Studies**

The Board of Studies for the Department of Commerce held on **31-08-2021** at 10.30 A.M is constituted with the following members.

1. Sri R.Venkateswarlu	H.O.D of Dept.	Chairman
2. Sri V.Nageswara Rao	Lecturer	Member
3. Sri Y.R.L.Chowdary	Lecturer	Member
4. Smt V.R.A.Lakshmi	Lecturer	Member
5. Kum Ch.Krishna Sita	Lecturer	Member

**Adikavi Nannaya University Nominee :**

6. Dr. N.Udaya Bhaskar,  
Department of Management Studies,  
Adikavi Nannaya University,  
RAJAHMUNDRY

*N. Udaya Bhaskar*

**Members of Other College :**

7. Dr.J.Pandu Ranga Rao,  
Assistant Professor,  
H.O.D. of Commerce,  
P.R.Govt. Degree College (A),  
Kakinada
8. Dr.K.Nageswara Rao,  
Assistant Professor,  
S.R.V.B.S.J.B.M.R.College,  
Peddapuram.

*J.Pandu Ranga Rao*

*K. Nageswara Rao*

**Member of Industry**

9. Sri N.Sarvarayudu,  
Managing Director,  
Shiridi Sai Quarries,  
Kakinada

*Sri N.Sarvarayudu*

**Member of Alumni**

10. Sri K.V.T.Narayana Rao.  
Sales Manager,  
I.C.I.C.I. General Insurance,  
Kakinada

*K.V.T.Narayana Rao*

**Student Members**

P.Durga Surya Prasad  
S.Usha Rani

2183115 (T.M)  
2183049 (E.M)

*K. Thana: Lal*

**PRINCIPAL**  
IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. Govt. Aided, Autonomous & NAAC B)  
"Dr. P.V.N. Raju Vidya Pranganam"  
Samalkota Road, KAKINADA-533 004  
**PRINCIPAL**

## Resolutions

1. Resolved to approve the syllabus for the I, II, III, IV, V & VI Semesters as appended herewith.
2. Resolved to follow the following pattern for Examinations
  - a) The syllabus of each paper is divided in to two semesters I & II for I Year and III & IV for II Year, V, VI for V semester.
  - b) Paper of I & II Semester of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, Internal examination-15 marks. The paper of III, IV, V, VI semester of 100 marks each has 25% internal evaluation and 75% for external evaluation.
  - c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass marks for I, II & III years for external Examination is 35%. Candidate should get a total of 40 marks in internal and external examinations put together.
3. Resolved to approve the model question papers for I, II, III, IV, V & VI semesters are here with appended.
4. Resolved to approve the panel of paper setters and examiners as appended herewith.
5. Resolved to approve the Certificate Course titled " Human Resource Management " in II semester for the Academic year 2020-21.
6. Resolved to approve the Syllabus & model paper for the paper titles "Secretary Ship" "Logistic and Supply Chain Management, Advertising ", " Online Business" in Revised CBCS (W.E.F 2020-21) Under Skill Development Courses.
7. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

UNIVERSITY OF MUMBAI

K. Nagawara

**APPROVED**  
CHAIRMAN  
Ch. K. Sise  
V. R. Ailak

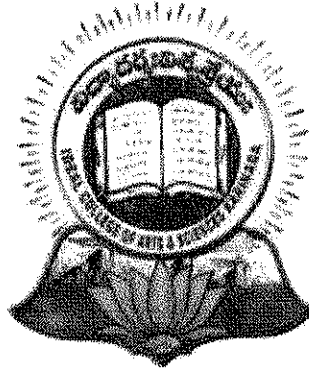
V. Ven

Y. Desai

S. P.

S. P.

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2021-2022**

**COURSE: B.VOC., AGRICULTURE**

**SEMESTERS(I,II,III,IV)**

**DEPARTMENT OF AGRICULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA**

Date: 28.12.2022

**Board of Studies of B.Voc. Agriculture**

A meeting of Board of studies of the Department of agriculture will be held on 29.12.2022 at 2 P.M 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.





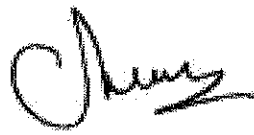


**Agenda:**

1. To ratify the syllabus for the First year & Second year (I, II, III & IV Semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year & Second year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
6. Other academic activities of Department.

*T. Subramanyam*  
PRINCIPAL

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus of model question paper of Agriculture subject from B. Voc Agriculture course for the first and second year of Academic year 2021-22, list of examiners and paper setters, department activities is approved in the board of studies meeting held in department of Agriculture 2pm.

Sl. No	Members present		Signature
1.	B. Surendra Sagar	Chairman	
2.	Ch. Jogi Raju	University Nominee	
3.	S. Emmanuel	Subject expert	
4.	Pavithra Bathina	Faculty member	
5.	Ch. Subramanyam	Industry Person	
6.	N. Harinika manimala	Student Member	
7.	Y. Kusa Raju	Student Member	

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B) DR. P.V.N. RAJU  
VIDYAPRANGANAM KAKINADA  
DEPARTMENT OF AGRICULTURE

**Board of Studies of B.VOC., AGRICULTURE RESOLUTIONS**

Resolved to follow the following pattern for examinations

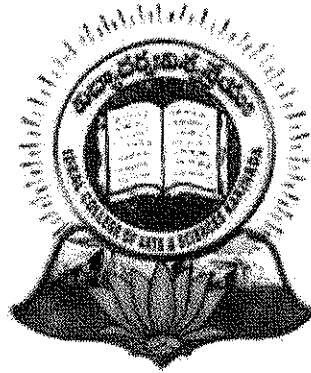
1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10+5 \*) and 70 marks (70% of external semester- end examination).
2. During each semester two internal examinations will be conducted as per schedule for each paper.
3. The average of two internal examination marks conducted by college is considered as internal examination marks.
4. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. 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.
7. 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.
8. If the student is absent for internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees
10. The minimum pass mark for external examination is 25 marks out of 70 marks in external semester end examination
11. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. Practical examination will be conducted at the end of every semester of academic year
13. Resolved to approve upgradation in the Syllabus I & II Semesters
14. Resolved to Approve Departmental activities for the year 2020-2021
15. Follow the language papers, Life Skill Courses, Skill Development Courses and major (1&2) core papers (1&2) as per autonomous rules/University norms.
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 2020-2021 and also is authorized to adopt any changes made in the middle of the academic year if any
17. Resolved to approve the certificate courses on **Organic Farming & Hydroponics** in semester –I and semester –V for BA, B.com, Bsc & Bvoc students.
18. Resolved to approve action plan for the year of 2021-22
19. Resolved to approve the departmental activities for the year of 2021-22
20. Resolved to authorize the chairman board of studies to take up all the necessary for the utilization of syllabi to be implemented from the academic year 2021-22 and also authorize to adopt any changes in the middle of the academic year by the university APSCHE and other exigencies in consultation with the controller to examinations if necessary

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

*T.S. Subramanian*  
PRINCIPAL



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2021-2022**

**COURSE: B.VOC., SUSTAINABLE AGRICULTURE**

**DEPARTMENT OF AGRICULTURE**

**IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA**

Date: 10.12.2022

**Board of Studies of B.Voc. Sustainable Agriculture**

A meeting of Board of studies of the Department of agriculture will be held on 20.12.2022 at 2 P.M 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.







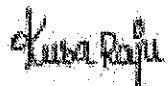
**Agenda:**

1. To ratify the syllabus for the First year & Second year (I, II, III & IV Semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year & Second year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
6. Other academic activities of Department.

*T.S. Subramane*  
PRINCIPAL

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus of model question paper of Agriculture subject from B. Voc Sustainable Agriculture course for the first and second year of Academic year 2021-22, list of examiners and paper setters, department activities is approved in the board of studies meeting held in department of Agriculture 2pm.

Sl. No	Members present		Signature
1.	B. Surendra Sagar	Chairman	
2.	Ch. Jogi Raju	University Nominee	
3.	S. Emmanuel	Subject expert	
4.	Pavithra Bathina	Faculty member	
5.	Ch. Subramanyam	Industry Person	
6.	N. Harinika manimala	Student Member	
7.	Y. Kusa Raju	Student Member	



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
**KAKINADA**  
DEPARTMENT OF AGRICULTURE  
**Board of Studies of B.VOC., SUSTAINABLE AGRICULTURE**  
**RESOLUTIONS**

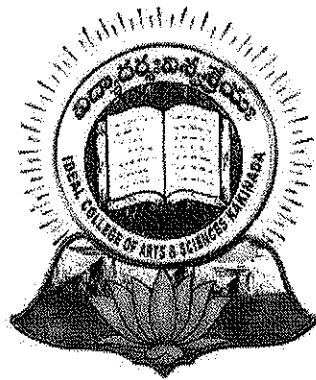
Resolved to follow the following pattern for examinations

1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15 + 10 + 5) and 70 marks (70% 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. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. 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.
7. 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.
8. If the student is absent for internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees
10. The minimum pass mark for external examination is 25 marks out of 70 marks in external semester end examination
11. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. Practical examination will be conducted at the end of every semester of academic year
13. Resolved to approve upgradation in the Syllabus I & II Semesters
14. Resolved to Approve Departmental activities for the year 2020-2021
15. Follow the language papers, Life Skill Courses, Skill Development Courses and major (1&2) core papers (1&2) as per autonomous rules/University norms.
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 2020-2021 and also is authorized to adopt any changes made in the middle of the academic year if any
17. Resolved to approve the certificate courses on **Organic Farming & Hydroponics** in semester –I and semester –V for BA, B.com, Bsc & Bvoc students.
18. Resolved to approve action plan for the year of 2021-22
19. Resolved to approve the departmental activities for the year of 2021-22
20. Resolved to authorize the chairman board of studies to take up all the necessary for the utilization of syllabi to be implemented from the academic year 2021-22 and also authorize to adopt any changes in the middle of the academic year by the university APSCHE and other exigencies in consultation with the controller to examinations if necessary

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

*T. S. Subramanian*  
PRINCIPAL

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2021-2022**

**COURSE: B.VOC., INDUSTRIAL AQUACULTURE & FISHERIES**

First & Second Year (I, II, III & IV Semester)

**DEPARTMENT OF**  
**FISHERIES AND AQUACULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 28.08.2021

**Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on **28.08.2022 at 12.30 P.M** 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 syllabus for the First year & Second year (I, II, III & IV Semesters).
- 2.To prepare and ratify scheme of Examinations for both internal and external examinations.
- 3.Model Question paper for First year & Second year).
- 4.To fix Panel of paper setters and Examiners.
- 5.Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
- 6.Other academic activities of Department.

K. Jha: Lm  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM**

**KAKINADA**

**DEPARTMENT OF FISHERIES AND AQUACULTURE  
Board of Studies of B.Voc., Industrial Aquaculture and Fisheries**

The Board of Studies for the Department of Fisheries and Aquaculture for the year 2021-2022 is constituted with the following Members.

**Sl.No. Members Present**

- |                           |                |
|---------------------------|----------------|
| 1. Dr. K. Narasimha Murty | Chairman       |
| 2. P V Lovaraju           | Member         |
| 3. K.Teja Rajesh          | Student Member |
| 4. A.Neelima Devi         | Student Member |

**Adikavi Nannaya University Nominee**

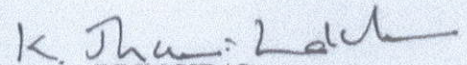
1. Dr. K. Ramaneswarai  
Dept. of Zoology  
HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 8074112754

**Members from other Colleges**

1. Dr. Muralidhar P. Ande  
Senior Scientist & Office In-Charge, CIFE, Kakinada  
Cell No: 7396182790
2. Dr. P. Sandeep  
Scientist, FRS (SVVU), Balabhadrapuram, Kakinada  
Cell No: 8185039772

**Industry/Scientific Organization**

1. Dr. M. Srinivasa Rao  
Senior Product Development Manager & Marketing Head-India  
Growel Formulation Pvt. Ltd.  
Cell No: 7989548040




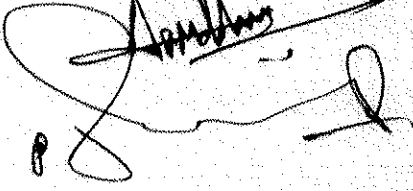
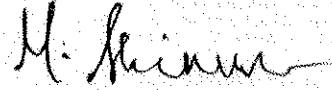

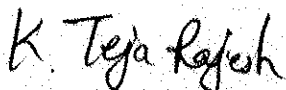
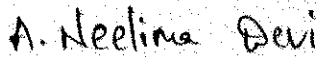
  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (AI)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

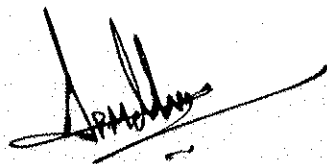
The syllabus and model question papers in Industrial Aquaculture and Fisheries subject for B.Vocational course for the First year & Second Year (I, II, III & IV Semesters) in the academic year 2021-2022, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Fisheries and Aquaculture at 12:30 PM.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Dr. K. Narasimha Murty Chairman	
2.	Dr. K. Ramaneswarai University Nominee	
3.	Dr. Muralidhar P. Ande Expert	
4.	Dr. P. Sandeep Expert	
5.	Dr. M. Srinivas Rao Representative from Industry	
6.	P V Lovaraju Member	
7.	K.Teja Rajesh Student Member	
8.	A.Neelima Devi Student Member	

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA  
A.Y.2021-2022  
**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
B.VOC., Industrial Aquaculture & Fisheries

**Resolutions:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 30% internal and 70% semester (15+10+5) for I, II, III & IV (First year & Second Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule. Introduction of objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I, II, III & IV is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for I, II, III & IV semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM

**KAKINADA**  
**A.Y.2021-2022**

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**B.VOC., INDUSTRIAL Aquaculture\_& Fisheries**

**Resolutions:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 30% internal and 70% semester (15+10+5) for I, II, III & IV (First year & Second Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule. Introduction of objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I, II, III & IV is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for I, II, III & IV semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.
5. It Resolved to fishing methods is introduced in the place of Fish Seed Production in second semester.
6. It resolved to fish seed production is introduced in the place of fishing methods in third semester.
7. First semester and Third semester followed as per university syllabus in the year of 2021-2022 onwards.

**IDEAL COLLEGE OF ARTS AND  
SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA**



**BOARD OF STUDIES**

**2021-2022**

**DEPARTMENT OF  
FOOD SCIENCE AND  
TECHNOLOGY**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 25.11.2020

**Board of studies of P G Diploma in Food Processing Technology and Management**

A meeting of Board of studies of the Department of Food Technology will be held on **25.11.2020 at 11:00 AM** in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Kakinada, to consider the following Agenda.

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

**Agenda:**

1. To ratify the syllabus for the I & II semesters.
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for I & II semesters.
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT programme of First year
6. Other academic activities of Department.

  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**  
**Board of Studies of P G Diploma in Food Processing Technology and Management**

The Board of Studies for the Department of Food Science and Technology for the year 2020-2021 is constituted with the following Members.

**Sl.No. Members Present**

1. A. Jyothi Theressa
2. P. Mounika
3. S. Surendra
4. R. L. Prasanthi

Chairman  
Member  
Student Member  
Student Member

*A. Jyothi* 25/11/2020  
*P. Mounika* 25/11/2020  
*S. Surendra*

**Adikavi Nannaya University Nominee**

Prof. P.Ramakrishna

MR. S Sasikanth

Programme director  
School of Food Technology  
JNTU-KAKINADA  
Cell No: 7702653444

Assistant Professor  
School of Food Technology  
JNTU-KAKINADA  
8008975975

**Members from other Colleges**

1. D. Bhavana  
Asst. Professor  
Vignan University, Guntur  
Ph: 9182713867

2. M. V. Keerthi  
Asst. Professor  
JNTU-K  
Ph: 9440694276

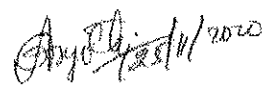
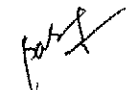


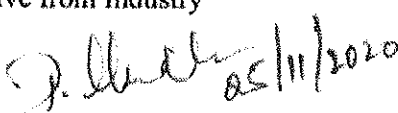
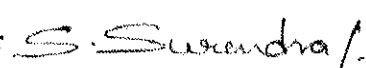
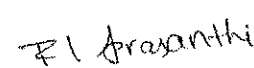
**Industry/Scientific Organization**

1. V. Tarun Kumar  
Marketing Manager, V.B.Exports, Kakinada  
Ph: 9440126266

*K. Anil Kumar*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Food Processing Technology and Management subject for P G Diploma course for the I & II semester in the academic year 2020-2021, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in Ideal College of Arts and Sciences on 25.11.2020 at 11:00 AM

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	A. Jyothi Theressa HOD, Ideal College	 25/11/2020
2.	Prof. S. Sasikanth University Nominee	
3.	M. Bhavana Expert	
4.	M. V. Keerthi Expert	
5.	V. Tarun Kumar Representative from Industry	
6.	P. Mounika Member	 25/11/2020
7.	S. Surendra Student Member	
8.	R. L. Prasanthi Student Member	





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**

**P.G Diploma in Food Processing Technology and Management**

**RESOLUTIONS:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal and 75% semester for I and II semester.
  - b) During each semester two Internal Examinations for each paper will be conducted as per schedule. Introduction of Objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination semester examination be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be II&IV awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.  
The pattern of semester examinations and practical I and II is here with Appended.
  - h) Practical examination I and II will be conducted at each Semester end.
2. Resolved to approve the model question papers for I and I Semesters is here with appended.
3. Resolved to approve the panel of paper setters and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programue of First Year and Second Semester.

*Aryottj*

*P. Shankar*

*S. Sundral*

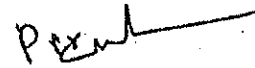
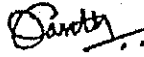
*R.L. Prasanthi*

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

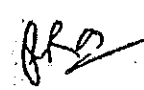
**DEPARTMENT OF COMPUTER SCIENCE**  
**Board of Studies of B.VOC., Software Development**

The Board of Studies for the Department of Computer Science for the year 2021-2022 is constituted with the following Members.

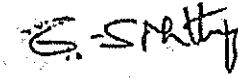
**Sl.No. Members Present**

- |                    |          |  |
|--------------------|----------|--|
| 1. PPR Mohan       | Chairman |  |
| MCA, MTech.        |          |  |
| 2. V. Jeevan Kanth | Member   |  |
| MTech.             |          |  |

**Adikavi Nannaya University Nominee**

1. Dr. P.V. Venkateswara Rao,  
Associate Professor,  
Department of Computer Science & Engineering  
Adikavi Nannaya University,  
Rajahmahendravaram.  
Cell No: 9441447037
- 

**Members from other Colleges**

1. Dr. G.S.N Murthy  
Associate Professor  
Aditya Engineering College(A),  
Affiliated to JNTU Kakinada,  
Cell: 9553548444
  2. Dr. S.Rao Chintalapudi  
Professor & HOD,  
Head of the Department,  
CMR Technical Campus, Hyderabad.  
Email: srao.chintalapudi@gmail.com  
Cell: 9949379392
- 

**Industry/Scientific Organization**

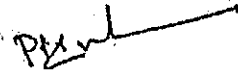

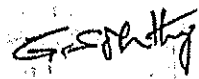

1. Mr. G. Satish Kumar  
B.Tech(CSE)  
Delivery Manager,  
Vetra Minds Technologies,  
Hyderabad.  
Cell: 9866222226

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF COMPUTER SCIENCE**  
**B.VOC., Software Development**

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The syllabus and model question papers in Software Development subject for B.Voc., course for the Second year (III & IV semester) in the academic year 2021-2022, 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: 30.08.2021, 11:00 AM.)

<u>S.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Mr. PPR Mohan Chairman	
2.	Dr. P. Venkateswara Rao University Nominee	
3.	Dr. G. S.N Murthy Subject Expert	
4.	Dr. S.Rao Chintalapudi Subject Expert	
5.	Mr. G.Satish Kumar Representative from Industry	
6.	V. Jeevan Kanth Member	



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

DEPARTMENT OF COMPUTER SCIENCE  
B.VOC., Software Development

RESOLUTIONS

ACADEMIC YEAR 2021-22  
II YEAR (III & IV SEMESTERS)

Date: 30.08.2021

Resolved to follow the following pattern for examinations

1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10+5 \*) and 70 marks (70% 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. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. 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.
7. 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.
8. If the student is absent for internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees
10. The minimum pass mark for external examination is 25 marks out of 70 marks in external semester end examination
11. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. Practical examination will be conducted at the end of every semester of academic year
13. Resolved to approve upgradation in the Syllabus III & IV Semesters
14. Resolved to Approve Departmental activities for the year 2021-2022
15. Follow the language papers, Life Skill Courses, Skill Development Courses, Major and Core-Subjects as per Autonomous rules/University norms.
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 2021-2022 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, Assignments and E - Courses (MOOCS) ...etc.

*P.V.N. Raju*

*Santhi*

*G. Srinthy*

*PRJ*

10/22/21, 10:30 AM

IDEAL COLLEGE OF ARTS AND SCIENCES Mail - IDEAL BOS- DEGREE -SOFTWARE DEVELOPMENT - AI& ROBOTICS ...



PPR MOHAN <hodsd@idealcollege.edu.in>

**IDEAL BOS- DEGREE -SOFTWARE DEVELOPMENT - AI& ROBOTICS MEETING  
INVITATION - Reg.**

1 message

PPR MOHAN <hodsd@idealcollege.edu.in>

Fri, Oct 22, 2021 at 10:30 AM

To: hodadr@idealcollege.edu.in, hod.aiml@cmrtc.ac.in, murthygsnm@yahoo.com, ebreakers.ravikumar@gmail.com,  
venkat.aknu@gmail.com

Cc: ad.ideal1234@gmail.com, ad@idealcollege.edu.in, idealcolleges@gmail.com, principal@idealcollege.edu.in

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)

**DR. P.V.N. RAJU VIDYAPRANGANAM**

**KAKINADA**

Date: 22.10.2021

**Board of Studies of B.VOC., Software Development**

A meeting of the Board of Studies of the Department of Computer Science will be held on 23.10.2021 at 12.30 P.M 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 syllabus for the One year & Second year.
2. To prepare and ratify the scheme of Examinations for both internal and external examinations.
3. Model Question paper for One year.
4. To fix a Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the OJT Programme.
6. Other academic activities of the Department.

**\*\*GoogleMeetLink:**

<https://mail.google.com/mail/u/0/?ik=1853dc2207&view=pt&search=all&permthid=thread-a%3Ar3955951681009184786&simpl=msg-a%3Ar39509942>

2/21, 10:30 AM

IDEAL COLLEGE OF ARTS AND SCIENCES Mail - IDEAL B08- DEGREE -SOFTWARE DEVELOPMENT - AI& ROBOTICS ...

<https://meet.google.com/fxw-vfkc-ttl>

B08 MEETING - SOFTWARE DEVELOPMENT & AI ROBOTICS

Saturday, October 23 · 12:15 – 2:15pm

Google Meet joining info

Video call link: <https://meet.google.com/fxw-vfkc-ttl>

Or dial: (US) +1 470-485-8747 PIN: 562 556 862#

## DEPARTMENT OF COMPUTER SCIENCE

### Board of Studies of B.VOC., Software Development

The Board of Studies for the Department of Computer Science for the year 2021-2022 is constituted with the following Members.

#### Sl.No. Members Present

- |                    |          |
|--------------------|----------|
| 1. PPR Mohan       | Chairman |
| MCA, MTech.        |          |
| 2. V. Jeevan Kanth | Member   |
| MTech.             |          |

*P. Mohan*

#### Adikavi Nannaya University Nominee

1. Dr. P.V. Venkateswara Rao,  
Professor,  
Department of Computer Science & Engineering  
Adikavi Nannaya University,  
Rajahmahendravaram.  
Cell No: 9441447037

*PRV*

#### Members from other Colleges

1. Dr. G.S.N Murthy  
Professor  
Aditya Engineering College(A),  
Affiliated to JNTU Kakinada,  
Cell: 9553548444
2. Dr. S.Rao Chintalapudi  
Professor & HOD,  
Head of the Department,

*G.S.N Murthy*



10/22/21, 10:30 AM

IDEAL COLLEGE OF ARTS AND SCIENCES MAIL - IDEAL BOS- DEGREE -SOFTWARE DEVELOPMENT - AI& ROBOTICS .  
CMR Technical Campus, Hyderabad.

Email: srao.chintalapudi@gmail.com

Cell: 9949379392

Industry/Scientific Organization

1. Mr. G. Satish Kumar  
B.Tech(CSE)  
Delivery Manager,  
Vetra Minds Technologies,  
Hyderabad.  
Cell: 9866222226

Thank you All sir's

Regards

PPR MOHAN

DEPARTMENT OF COMPUTER SCIENCE

B.Voc Software Development & AI & Robotics

IDEAL COLLEGE OF ARTS & SCIENCES

VIDYUT NAGAR - KAKINADA

Cell.: 9985221118

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC-B)  
DR. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA - 533002.

Department of Computer Science

Course: B. Voc., Software Development

Model blue print for the model paper and choice

A) QUESTION PAPER MARKS: 70

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 Short Questions	8	5	40	4	5	20
2	Part- B Essay Questions	10	10	100	5	10	50
<b>TOTAL</b>				<b>140</b>	<b>TOTAL MARKS</b>		<b>70</b>

$$\text{Percentage of choice given} = \frac{140 - 70}{140} \times 100 = \frac{70}{140} \times 100 = 50\%$$

*P. Venk*

*P. Venk*

*G. S. S. S.*

*P. R.*

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC-B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA – 533002.

Department of Computer Science

Course: B.Voc., Software Development

Model blue print for the model paper and choice

**B) QUESTION PAPER MARKS: 50**

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 Short Questions	8	5	40	4	5	20
2	Part- B Essay Questions	5	10	50	3	10	30
TOTAL				90	TOTAL MARKS		50

$$\text{Percentage of choice given} = \frac{100 - 50}{100} \times 100 = \frac{40}{100} \times 100 = 40\%$$

*P.V.N.*

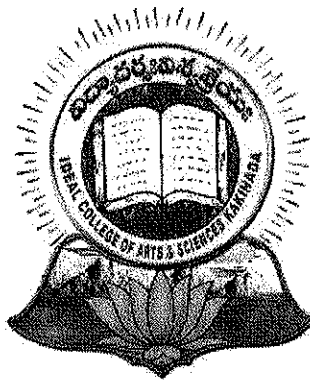
*Prath*

*G. S. Kalyan*

*PR*



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2021-2022**

**COURSE: BBA (Digital Marketing)**

**DEPARTMENT OF BBA**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 31.08.2020

**Board of Studies of BBA(Digital Marketing)**

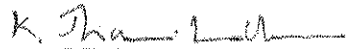
A meeting of Board of studies of the Department of Bachelor of Business Administration will be held on 31.08.2020 at 11.00 A.M in Ideal College of Arts and Sciences (Autonomous) Vidyut Nagar, Kakinada, to consider the following Agenda.

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

**Agenda:**

Consideration, Approval of the following for the Academic Year 2021-22

- 1) Approval the syllabus of III and IV Semesters.
- 2) Approval the Scheme of Examinations for both internal and external examination.
- 3) Approval the Model Question Paper for III and IV Semesters.
- 4) Approval the Panel of Paper setters and examiners.
- 5) Approval the Additional inputs into the curriculum.
- 6) Other academic activities of Department.




  
**PRINCIPAL**  
PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES (A)  
(A.P. Govt. Aided, Autonomous & NAAC B-  
"Dr. P.V.N. Raju Vidyaprananam")  
Ssmalfor Road, KAKINADA-533 004

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA


**DEPARTMENT OF BBA**  
**Board of Studies of BBA(Digital Marketing)**

The Board of Studies for the Department BBA for the year 2021-2022 is constituted with the following Members.


**Sl.No.Members Present**

- |                                     |          |  |
|-------------------------------------|----------|--|
| 1. Dr.M.Navven Krishna<br>MBA, Ph.D | Chairman |   |
| 2. Sri V Kamaraju<br>MBA            | Member   |   |
| 3. M. Pavana<br>B.Tech.,MBA(NET)    | Member   |  |

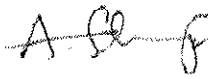
**Adikavi Nannaya University Nominee**

- |  |  |
|--|--|
| 1. Dr. N.Visalakshi<br>Professor,<br>HOD<br>Aditya Global Business School,<br>Surampalem.<br>Cell No: 7729089555 |  |
|--|--|

**Members from other Colleges**

- |   |   |
|---|---|
| 1. Smt. M.Prathyusha.<br>MBA.,M.Com.,PGDHRM.,(Ph.D)<br>Assistant Professor<br>Aditya Global Business School,<br>Cell: 9177652222. |  |
|---|---|







**Industry/Banking Organization**

- |  |  |
|--|--|
| 1. Mr. A S S M Teja<br>B.Tech, MBA<br>Technical Manager (Digital Marketing),<br>Smart Creative Solutions,<br>Kakinada.<br>Cell :7569284559 |  |
|--|--|



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**DR. P. V. N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Digital Marketing subject for BBA, course of the Second year (III & IV semester) in the academic year 2021-2022, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of BBA on 31.08.2021 at 11.00 A.M.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Dr.M.Navven Krishna Chairman	
2.	Dr. N. Visalakshi University Nominee	
3.	Smt. M. Prathyusha Members from other Colleges	
4.	Mr. A.S.S.M Teja Representative from Industry	
5.	Sri V. KamaRaju Member	
6.	M. Pavana Member	

  
**PRINCIPAL**  
IDEAL COLLEGE OF ARTS & SCIENCES  
(A.P. GOVT. AIDED, AUTONOMOUS & NAAC B)  
DR. P. V. N. RAJU VIDYAPRANGANAM  
KAKINADA-515 002

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

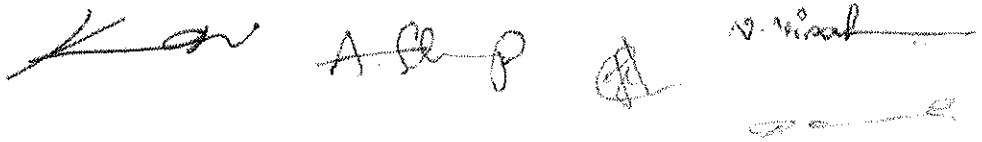
**DEPARMENT OF BBA,**  
**Digital Marketing**

**SCHEME OF EXAMINATION**

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

1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10 +5) and marks (70% of external semester- end examination).
2. During each semester two internal examinations will be conducted as per schedule for ea paper.
3. The average of two internal examination marks conducted by college is considered internal examination marks.
4. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. Students having attendance between 65% and 75% may be permitted to appear in Semest End/Annual examination on medical grounds only, on payment of Condonation fee alo with medical certificate from Government Medical Officer.
7. If a student is detained due to shortage of attendance i.e. less than 65%, he has to re-jo the semester with prior permission from the university. Such students are not eligible take subsequent semester.
8. If the student is absent for internal examination then his/her internal marks are recorded zero marks
9. No separate internal examination is conducted for absentees.
10. The minimum pass mark for external examination is 25 marks out of 70 marks in exterr semester end examination.
11. However, the student should secure minimum of 40 marks out of 100 marks in internal an external examinations put together.
12. Resolved to authorize the Chairman, Board of Studies to take up all the necessary steps f utilization of the syllabi to be implemented from the academic year 2021-22 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



# IDEAL COLLEGE OF ARTS AND SCIENCES

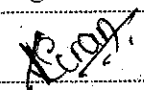
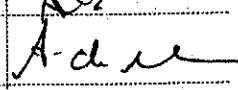
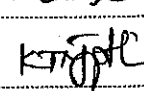
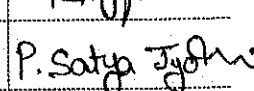
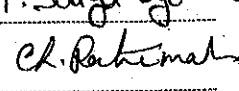
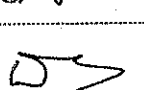
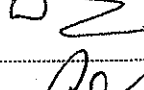

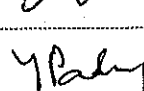
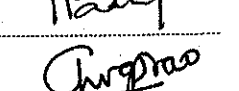
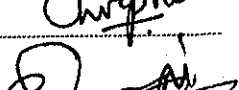
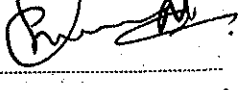
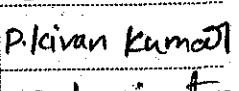
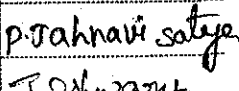
(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

DEPARTMENT OF MATHEMATICS

MEMBERS OF BOARD OF STUDIES 2022 – 2023

Minutes of the meeting of the Board of Studies in Mathematics held on 02-08-2022 at 11.00 A.M. in the Department of Mathematics, Ideal College of Arts and Sciences (A), Kakinada.

S.No	Member Present		Signature
1	Sri. D.P.S.Kiran , M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Chairman	
2	Ms.A.Ch.Sravanthi, M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
3	Ms. K.T.N.Jyothi , M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
4	Ms. P. Satya Jyothi, M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
5	Ms. Ch. Ratnamala, M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
6	Dr. D. Chittibabu, M.Sc., Ph.D., Principal and Professor of Mathematics Govt. Degree college, Seethanagaram	University Nominee	
7	Dr. V.Ravindranath, M.Sc(IITKGP), Ph.D.(IIT) Professor and Head of the Department, Department of Mathematics, JNTUK, Kakinada	Subject Expert	
8	Ms.Y.Padmaja., M.Sc., M.Phil., Head Of The Department, Department of Mathematics, Govt. Degree College, RC Puram.	Subject Expert	
9	Sri Ch.V. Guruprasada Rao B.E.(Mech), G.M.(Logistics) ONGC	Representative from industry	
10	Ch. Machara Verriyya , M.Sc., Assistant professor, Rajiv Gandhi university of Knowledge Technology, APIIT- NUZIVID	Alumni Member	
11	P.Kiran Kumar, III B.Sc, M.P.C (T.M)	Student Member	
12	P.Jahnavi Satya, III B.Sc, M.P.Cs (E.M)	Student Member	
13	J.Ishwarya, II B.Sc, M.P.CS	Student Member	
14	Mohammad Mahaboob Ali, II B.Sc, AI & Robotics	Student Member	

### Agenda:

- 1) Syllabus for the I, II, III, IV, V, VI Semesters.
- 2) Scheme of Examinations for both Internal and External Examinations.
- 3) Model Question Paper for I, II, III, IV, V, VI Semesters.
- 4) Syllabus of Vocational Course and Model Papers
- 5) Panel of Paper Setters and Examiners.
- 6) Approval of Skill Development Courses
- 7) Additional Inputs into the Curriculum.
- 8) Other Academic Activities of the Department.
- 9) Any other Item related to Curriculum with Permission of the Chair.



# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(Autonomous & NAAC B)

Dr. P.V.N. Raju Vidyaprananam

DEPARTMENT OF MATHEMATICS 2022-23

## RESOLUTIONS

1. It is resolved to approve the syllabus and Model Question Papers for the I B.Sc (I& II Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2022-23, II B.Sc., (III & IV Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2021-22, III B.Sc., (V & VI Semesters) course under CBCS based as per the directions of APSHE for admitted Batch 2020-21 as appended herewith.
2. Resolve to approve the syllabi and model papers (with up gradation of syllabus, additional inputs and change in syllabus) for I, II, III, IV, V, VI semesters.
3. Resolve to approve the syllabi and model papers of Mathematics papers in Vocational Course (Software Development) for I, II, III, IV Semesters.
4. Resolve to approve the syllabi and model papers of Mathematics papers of BCA for I, II Semesters
5. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each Paper has 40% internal and 60% External for I, II Semesters. The division of 100 marks is 60 marks for external evaluation and 40 marks for internal evaluation for I, II semesters. The Internal evaluation is allotted as 5 marks for attendance, 15 marks for internal examination, 10 marks for assignment and 10 marks for Department Activities.
  - b) The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% semester for III, IV, V & VI semesters. The division of 100 marks is 70 marks for external evaluation and 30 marks for internal evaluation for III, IV, V, VI semesters. The Internal evaluation is allotted as 5 marks for attendance, 15 marks for internal examination, 5 marks for assignment and 5 marks for Department Activities.
  - c) Average of two Internal Examinations will be considered. Absentee will be awarded zero marks.
  - d) The Minimum pass mark for External Examination is 35%, Candidate should get total of 40 marks in Internal and External examinations put together.
  - e) Practical Examination will be introduced in I Year. External practical examination in II semester will be conducted at year end only. Internal practical Examination will be conducted at the end of I Semester. The internal and external examination each conducted for 50 Marks.
6. Resolved to approve the panel of paper setters and examiners as appended herewith.
7. Resolved to update the syllabus as per the needs of the stakeholders for the academic year 2022-23 and place before the academic council of 2022-23.
8. Resolved to conduct certificate course on computational methods for the benefit of students and approve certificate courses. Internal assessment for 50 Marks is as follows: (For Certificate Courses); Study Project: 20 Marks ; Student Seminar: 10 Marks;


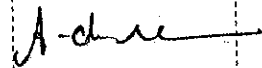
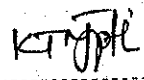
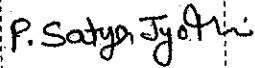

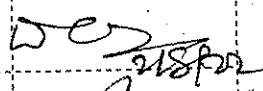

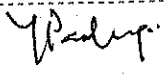
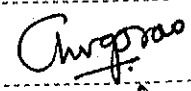

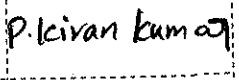
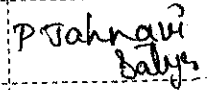
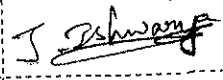

Viva-voice: 10 Marks; Assignment: 10 Marks

9. Approved additional inputs and change of syllabus as follows  
Semester I : Newton's Law of cooling.

Semester II: Cylinder

10. Resolved to approve the action plan for the academic year 2022-2023.

11. A resolution authorizing the chairman BOS to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the controller of examinations if necessary.

S.No	Member Present		Signature
1	Sri. D.P.S.Kiran , M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Chairman	
2	Ms. A.Ch. Sravanthi , M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Chairman	
3	Ms. K.T.N.Jyothi , M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
4	Ms. P. Satya Jyothi, M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
5	Ms. Ch. Ratnamala, M.Sc., Assistant Professor of Mathematics, Ideal College of Arts & Sciences (A), Kakinada	Member	
6	Dr. D. Chittibabu, Principal & Professor of Mathematics, Govt. Degree college, Seethanagaram	University Nominee	
7	Prof. V.Ravindranath, M.Sc(IITKGP), Ph.D.(IIT) Officer on Special Duty, Professor of Mathematics, UCEK ,JNTU,Kakinada	Subject Expert	
8	Ms. Y.Padmaja Head Of The Department, Department of Mathematics, Govt. Degree College, Pitapuram	Subject Expert	
9	Sri Ch.V. Guruprasada Rao B.E.(Mech) G.M.(Logistics) ONGC	Representative from industry	
10	Ch. MacharaVerrriyya , M.Sc., Assistant professor, Rajiv Gandhi university of Knowledge Technology, APIIT- NUZIVID	Alumni Member	
11	P.Kiran Kumar, III B.Sc, M.P.C (T.M)	Student Member	
12	P.Jahnavi Satya, III B.Sc, M.P.Cs (E.M)	Student Member	
13	J.Ishwarya, II B.Sc, M.P.CS	Student Member	
14	Mohammad Mahaboob Ali, II B.Sc, AI & Robotics	Student Member	

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

Dt. 30.07.2022

## Board of Studies of Physics - 2022-2023

### Meeting Notice

A meeting of Board of Studies of the Department of Physics will be held on 30.07.2022 in Department of Physics at 11AM, Department of Physics, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

### Agenda:

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE for the Academic year 2022-23.
2. To approve the course structure, syllabi and model paper for the I, II, III, IV, V Semesters.
3. To ratify the syllabi & Model Papers for skill development course on Electrical Appliances in 1<sup>st</sup> semester, Solar Energy in 2<sup>nd</sup> semester, as per APSCHE and Soldering & De-soldering in 3<sup>rd</sup> semester.
4. To Suggest panel of examiners/ paper setter & other expert nominees for BOS deliberations.
5. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
6. To approve change in the syllabi, additional inputs and upgradation of syllabi I & II Semesters and Additional inputs and change in syllabi of III,IV&V Semesters.
7. The syllabus of each paper is divided into two semesters each paper has 25% internal,15%Project and 60% Semester for I, II, semesters.
8. The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% semester for III,IV, & V semesters.
9. Other Academic Activities of the Department.
10. In case of any changes, Chairman BOS has the authority to change the pattern.
11. Any other matter with permission.

*M. C. S. 30/7/22*

*Jyoti K. 30/7/2022*

*S. J. S. 30-7-22*

*S. J. S. 30-7-22*

*P. Jahnvi Satya*

*R. S. S.*

*T. Sabinamma*  
PRINCIPAL  
*30/7/22*

*B. Pavan Krishna*

*M. S. S.*

*V. N. Bhargavi*

*K. V. V. Satya*



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

DEPARTMENT OF PHYSICS

## Resolutions:

1. Resolved to approve the syllabi and the model question papers for the I, II, III, IV & V (syllabus for the I, II, III, IV & V semesters Recommended by APCHE and Adikavi Nannayya University along with upgradation of the syllabus, additional inputs and change in the syllabus for the Academic year 2022-2023).
1. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the I, II, III, IV & V Semesters
2. Resolved to approve the syllabi of practical for the I, II, III, IV & V Semesters
3. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 25% internal (I A) 15% Project and 60% (S E) for I, II semester.
  - b) The syllabus of each paper is divided in to two semesters each paper has 30% internal and 70% semester for III, IV & V semester.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule.
  - d) The Internal evaluation is allotted as 5 Marks for attendance 20 Marks for internal Examination in which the compulsory pass marks is 40% and 15 marks for Project for I,II Semesters .
  - e) The Internal evaluation is allotted as 5 Marks for attendance 15 Marks for internal Examination in which the compulsory pass marks is 40% and 10 marks for Assignment for III,IV,V Semesters .
  - f) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - g) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together,
  - h) The pattern of semester examinations and practical I, II, III, IV, V is here with Appended.
  - h) Practical examination – I, II, III, IV, V will be conducted at each Semester end for 50 marks with duration 3 hours. They shall be conducted by two examiners, i.e. with both internal examiners on odd semester and with one internal and one external examiner on even semester.
4. Resolved to approve the panel of paper setters and examiners as appended herewith.
5. Resolved to approve the certificate course on Electrical Appliances in 1<sup>st</sup> semester as per APSCHE.
6. Resolved to approve the certificate course on Solar Energy in 2<sup>nd</sup> semester as per APSCHE
7. Resolved to approve the certificate course on Soldering & De-soldering in 3<sup>rd</sup> semester.
8. Resolved to approve the Departmental activities for the year 2022-2023.
9. 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, by the University, APSCHE and other exigencies in consultation with the controller of examinations if necessary.

*[Handwritten signature]*  
30/7/22

*[Handwritten signature]*

B. Pavan Krishna  
V.N. Bhargavi  
K. v. v. Satyanarayana

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30/7/2022

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30.7.22

P. Jahnave Satya

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**IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA**

*(Autonomous, NAAC Accredited B)*

**Dr.P.V.N.Raju Vidya Pranganam**

**Samalkota Road, Kakinada.**

**BOARD OF STUDIES IN COMMERCE**

A meeting of the Board of Studies of the Department of Commerce will be held on **02-08-2022 at 10 A.M at Ideal College of Arts and Sciences, Samalkota Road, Kakinada,** to consider the following agenda.

**Agenda:**

**Consideration and approval of the following for the academic year 2022-2023**

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both Internal, External examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Resolved to approval Certificate Course in Human Resource Management.
- 7) Other academic activities of Department.

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

*T. Sabanarayana*

**PRINCIPAL**

**PRINCIPAL**  
**Ideal College of Arts & Sciences**  
**KAKINADA.**

# IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

(Autonomous, NAAC Accredited B)

**Dr.P.V.N.Raju Vidya Pranganam**

**Samalkota Road, Kakinada.**

**Department of Commerce**

**Board of Studies of Commerce for 2022-2023**

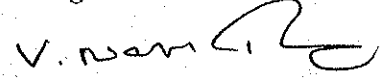
Minutes of the Meeting of the Board of Studies of the Department of Commerce held on 02-08-2022 at 10 AM at Ideal College of Arts and Sciences, Samalkota Road, Kakinada.

## MEMBERS PRESENT:

Signature

1. Sri V.Nageswara Rao  
H.O.D of Commerce

Chairman



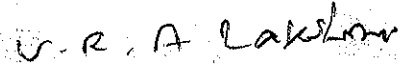
2. Sri Y.R.L Chowdary  
Lecturer

Member



3. Smt V.R.A.Lakshmi  
Lecturer

Member



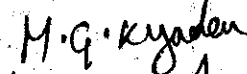
4. Kum Ch.Krishna Sita  
Lecturer

Member



5. Sri.M.Gopal Krishna yadav  
Lecturer

Member



6. Sri G.V. Marthandam  
Lecturer

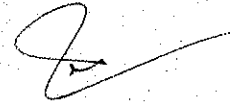
Member



## Adikavi Nannaya University Nominee :

6. Dr. N.Udaya Bhaskar,  
Department of Management Studies,  
Adikavi Nannaya University,  
RAJAHMUNDRY

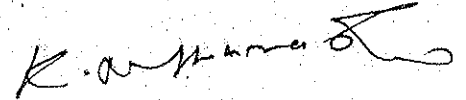
University Nominee



## Members of Other College :

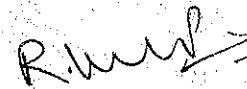
7. Dr.K.Nageswara Rao.,  
Assistant Professor,  
P.R.Govt. Degree College (A),  
Kakinada

Member  
(Expert)



8. Sri R.Venkateswarlu  
H.O.D. of Commerce,  
Govt. Degree college,  
Ramachandrapuram.

Member  
(Expert)



## Member of Industry

9. Sri N.Sarvarayudu,  
Managing Director,  
Shiridi Sai Quarries,  
Kakinada

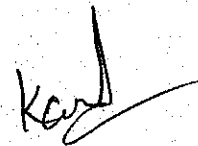
Member  
(Industry)



## Member of Alumni Member

10. Sri K.V.T.Narayana Rao.  
Sales Manager,  
I.C.I.C.I. Generaal Insurance,  
Kakinada

Member  
(Alumni)



## Student Members

N.Sai  
D.Surekha

2200403036 (E.M)  
2200403146 (T.M)



## Resolutions

The members present discussed the syllabus relating to all semesters B.com (General and computer) and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University syllabus drawn as per UG course structure CBCS pattern w.e.f 2020-2021 admitted batch.
3. (a) Resolved to conduct external examination for 60 marks and internal examination for 40 marks (5 marks for attendance, 15 marks for project and assignments and 20 marks for Internal examination a total of 40 marks for I and II Semesters.  
(b) Resolved to conduct external examination for 70 marks and internal examination for 30 marks (5 marks for attendance, 10 marks for assignments and 15 marks for Internal examination a total of 30 marks) for III, IV, V and VI Semesters
4. Regarding absentees for internals no separate examinations will be conducted as schedule
5. During each semester two internal examinations for each paper.
6. (a) The minimum pass marks for external exam is 35%. Candidate should get a total of 40 marks in internal and external examinations put together for I, II, III, IV, V and VI semesters.  
(b) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks
7. Resolved to approve the model question papers for I, II, III, IV, and V Semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is herewith appended.
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs into the curriculum.
11. Resolved to approve the Certificate Course titled "Human Resource Management" in II semester for the Academic year 2022-23.
12. Resolved to approve the Syllabus & model paper for the paper titles "Advertising", and "Online Business" in Revised CBCS (W.E.F 2020-21) Under Skill Development Courses.
13. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the Adikavi Nannaya University, APSCH and other exigencies in consultation with the Controller of Examinations if necessary.

UNIVERSITY NOMINEE

APPROVED

CHAIRMAN

**IDEAL COLLEGE OF ARTS & SCIENCES : KAKINADA**  
(Autonomous, NAAC Accredited B, ANUR Affiliated)

**Department of Computer Science**

Dt. 21-07-2022

**Meeting Notice**

A meeting of Board of Studies in Computer Science will be held on 26-07-2022 at 10.00 A.M. in Dept. of Computer Science, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada, to consider the following Agenda.

**Agenda**

1. To ratify the Syllabus for I, II, III, IV and V Semesters.
2. To ratify the Scheme of Examination for both Internal and External examinations.
3. To ratify the Model Question Papers for I, II, III, IV and V Semesters.
4. To ratify Panel of Paper Setters and Examiners.
5. Introduction of Objective type questions and online pattern partially in Internal Examinations subject to the condition.
6. To ratify the Diploma Course of Six months duration in **Web Designing** in Semester-II and Certificate Course of Three months duration in **Photoshop** in Semester-I.
7. To ratify the Syllabus of B.Com. Computer Applications in I, II, III and IV Semesters, Scheme of Examination for Internal and External Examinations and Model Papers.
8. To ratify the First Internship (Community Service Project) at the end of First Year and Second Internship (Apprenticeship / Internship / On the job training / In-house Project / Off-site Project) at end of Second Year.
9. To ratify the Value Added Courses for
  - i) I B.Sc.(M.P.Cs./M.C.Cs) – Coding in C language
  - ii) II B.Sc.(M.P.Cs.) – Coding in Java language
  - iii) III B.Sc.(M.P.Cs.) – Network Hardware
  - iv) I B.Com. (Computer Applications) – Web Designing
  - v) II B.Sc.( Computer Applications) – Coding in C language
10. Other academic activities of the Department.

*T. Sabarwal*  
PRINCIPAL

PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES  
KAKINADA.

# IDEAL COLLEGE OF ARTS & SCIENCES : KAKINADA

(Autonomous, NAAC Accredited B, ANUR Affiliated)

## Department of Computer Science Minutes of the meeting

A meeting of the Board of Studies in Computer Science held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada.

The following members are present.

S.No.	Members Present		
1.	Sri. M.A. Sayeed, H.O.D., Dept. of Computer Science Ideal College of Arts & Sciences(A) KAKINADA	Chairman	M-A-Sayeed
2.	Sri K. Machar Rao, Asst. Prof., Dept. of Computer Science Ideal College of Arts & Sciences(A) KAKINADA	Member	R. Machar Rao
3.	Sri T. Pramod Kumar, Asst. Prof., Dept. of Computer Science Ideal College of Arts & Sciences(A) KAKINADA	Member	T. Pramod Kumar
4.	Sri B. Srinivas Asst. Prof., Dept. of Computer Science Ideal College of Arts & Sciences(A) KAKINADA	Member	B. Srinivas
5.	Dr. K.V. Sobharani, M.C.A., Ph.D. H.O.D., Dept. of Computer Applications, P.R.Govt College(A), KAKINADA.	Subject Expert	K.V. Sobharani
6.	M.V.V.S. Sarma, H.O.D., Dept. of Computer Science, V.S.Lakshmi Women's Degree & P.G. College, KAKINADA.	Subject Expert	M.V.V.S. Sarma
7.	Dr. V. Persis, M.C.A., Ph.D. Associate Professor, Dept. of Computer Science, Adikavi Nannaya University, RAJAMAHENDRAVARAM.	University Nominee	V. Persis 26/7/22
8.	Sri G. Gopala Krishna Reddy, TOC Engineer, ATSG (Access point Technology Solutions Group), BANGALORE	Subject Expert from Corporate Sector	G. Gopala Krishna Reddy
9.	Smt. G. Vijaya Lakshmi, Lecturer in Computer Science, Aditya Degree College, KAKINADA.	Alumni Member & advisor	G. Vijaya Lakshmi
10.	Kum. Ijjapu Divya, II B.Sc.(M.P.Computers) Roll No. 2200402210.	Student Member	I. Divya



## Agenda

1. To ratify the Syllabus for I, II, III, IV and V Semesters.
2. To ratify the Scheme of Examination for both Internal and External examinations.
3. To ratify the Model Question Papers for I, II, III, IV and V Semesters.
4. To ratify Panel of Paper Setters and Examiners.
5. Introduction of Objective type questions and online pattern partially in Internal Examinations subject to the condition.
6. To ratify the Diploma Course of Six months duration in **Web Designing** in Semester-II and Certificate Course of Three months duration in **Photoshop** in Semester-I.
7. To ratify the Syllabus of B.Com. Computer Applications in I, II, III and IV Semesters, Scheme of Examination for Internal and External Examinations and Model Papers.
8. To ratify the First Internship (Community Service Project) at the end of First Year and Second Internship (Apprenticeship / Internship / On the job training / In-house Project / Off-site Project) at end of Second Year.
9. To ratify the Value Added Courses for
  - i) I B.Sc.(M.P.Cs./M.C.Cs) – Coding in C language
  - ii) II B.Sc.(M.P.Cs.) – Coding in Java language
  - iii) III B.Sc.(M.P.Cs.) – Network Hardware
  - iv) I B.Com. (Computer Applications) – Web Designing
  - v) II B.Sc.( Computer Applications) – Coding in C language
10. Other academic activities of the Department.

## RESOLUTION - 1

It is resolved to follow the Syllabus for I, II, III, IV and V Semesters as per CBCS, which is ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.

(Documents appended herewith)

### S.No. Members Present

- |     |   |  |                         |
|-----|---|--|-------------------------|
| 1.  | Sri. M.A. Sayeed, H.O.D.,<br>Dept. of Computer Science<br>Ideal College of Arts & Sciences(A)<br>KAKINADA                               | Chairman                                   | M. A. Sayeed            |
| 2.  | Sri K. Machar Rao,<br>Asst. Prof., Dept. of Computer Science<br>Ideal College of Arts & Sciences(A)<br>KAKINADA                         | Member                                     | K. Machar Rao           |
| 3.  | Sri T. Pramod Kumar,<br>Asst. Prof., Dept. of Computer Science<br>Ideal College of Arts & Sciences(A)<br>KAKINADA                       | Member                                     | T. Pramod Kumar         |
| 4.  | Sri B. Srinivas<br>Asst. Prof., Dept. of Computer Science<br>Ideal College of Arts & Sciences(A)<br>KAKINADA                            | Member                                     | B. Srinivas             |
| 5.  | Dr. K.V. Sobharani, M.C.A., Ph.D.<br>H.O.D., Dept. of Computer Applications,<br>P.R.Govt College(A),<br>KAKINADA.                       | Subject Expert                             | K.V. Sobharani          |
| 6.  | M.V.V.S. Sarma,<br>H.O.D., Dept. of Computer Science,<br>V.S.Lakshmi Women's Degree &<br>P.G. College,<br>KAKINADA.                     | Subject Expert                             | M.V.V.S. Sarma          |
| 7.  | Dr. V. Persis, M.C.A., Ph.D.<br>Associate Professor,<br>Dept. of Computer Science,<br>Adikavi Nannaya University,<br>RAJAMAHENDRAVARAM. | University<br>Nominee                      | V. Persis<br>26/7/22    |
| 8.  | Sri G. Gopala Krishna Reddy,<br>TOC Engineer,<br>ATSG (Access point Technology<br>Solutions Group),<br>BANGALORE                        | Subject Expert<br>from Corporate<br>Sector | G. Gopala Krishna Reddy |
| 9.  | Smt. G. Vijaya Lakshmi,<br>Lecturer in Computer Science,<br>Aditya Degree College,<br>KAKINADA.   | Alumni Member &<br>advisor                 | G. Vijaya Lakshmi       |
| 10. | Kum. Ijjapu Divya,<br>II B.Sc.(M.P.Computers)<br>Roll No. 2200402210.   | Student Member                             | I. Divya                |

# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

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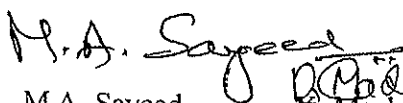
## Department of Computer Science

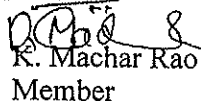
### Minutes of the meeting

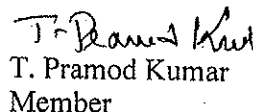
A meeting of the Board of Studies in Computer Science held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science, Ideal College of Arts and Sciences (A), Samalkot Road, Kakinada.

#### RESOLUTIONS:

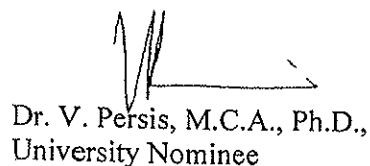
1. It is resolved to follow the syllabus for I, II, III, IV and V Semesters as per CBCS, which is ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.
2. It is resolved to implement the same Scheme of Examination for both Internal and External examinations, which is ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.
3. It is resolved to implement the same pattern of Question papers for I, II, III, IV and V Semesters, which is ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.
4. It is resolved to suggest the same panel of Paper Setters and Examiners for I, II, III, IV and V Semesters under semester wise stream, which is ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.
5. It is resolved to approve Diploma Course of Six Months duration in **Web Designing** in Semester-II and Certificate course of Three Months duration in **Photoshop** in Semester-I, which are ratified in the Board of Studies meeting held on 26-07-2022 at 10.00 A.M. in the Department of Computer Science for the Academic Year 2022-2023.
6. It is resolved and permitted to Chairman to make changes in Theory/Practical I, II and III B.Sc. (Computer Science) and I B.Com. (Computer Applications) Syllabus as per the direction of University, APSCHE and other exigencies in consultation with the Controller of Examinations for the academic year 2022-2023.

  
M.A. Sayeed  
Chairman

  
R. Machar Rao  
Member

  
T. Pramod Kumar  
Member

  
B. Srinivas  
Member

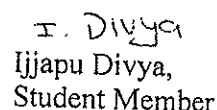
  
Dr. V. Persis, M.C.A., Ph.D.,  
University Nominee

  
Dr. K.V. Sobharani  
Subject Expert

  
M.V.V.S. Sarma  
Subject Expert

G. Gopala Krishna Reddy,  
from Corporate Sector

  
G. Vijaya Lakshmi  
Alumni Member & Advisor

  
I. Divya  
Ijjapu Divya,  
Student Member



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC Accredited B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## Board of Studies of Chemistry

### Meeting Notice

A meeting of Board of Studies of the Department of Chemistry, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada will be held on 30.07.2022 at 11.00 A.M. to consider the following Agenda.

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

#### Agenda:

- 1) Syllabus for the I, II, III, IV, & V Semesters
- 2) Scheme of Examination for both internal and external examinations.
- 3) Model Question Papers for I, II, III, IV & V Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

T. Subramanian  
PRINCIPAL

**Expert from Industrial Sector**

13. Sri D. Venkata Reddy  
Assistant Manager (Lab)  
N.F.C.L., Kakinada  
Mobile  
E-Mail.

Industrial  
Sector

**Alumni Member & Advisor**

14. Sri. P. Vijaya Kumar  
Lecturer in Chemistry  
P.R. Govt. College (A), Kakinada  
Mobile: 9652023082  
E-Mail. Penmethsavijay001@gmail.com

Alumni  
Advisor

*Vijay*

**Student Member**

15. Kum. P. Jahnavi Satya  
II B.Sc., MPC (E.M)  
Roll No. 2200402019  
Mobile : 8341583379

Student  
Member

*P. Jahnavi Satya*

16. Kum. J. Poornima  
II B.Sc., BZC (E.M)  
Roll No. 2200402524  
Mobile : 8523839726

Student  
Member

*J. Poornima*

*T. Sabarungudi  
30/5/2020*

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC Accredited B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## Board of Studies of Chemistry

### Agenda:

- 1) Syllabus for the I, II, III, IV & V Semesters.
- 2) Scheme of Examinations for both internal, external examinations.
- 3) Model Question Papers for I, II, III, IV & V Semesters
- 4) Panel of Paper setters and examiners
- 5) Additional inputs into the curriculum
- 6) Other academic activities of Department

### Resolutions:

1. Resolved to approve the syllabus for the I, II, III & IV Semesters (Theory & Practicals) as appended herewith.
2. Resolved to follow the following pattern for Examinations
  - a) Each Year is divided in to two semesters (I & II for I Year, III & IV for II Year, V & VI for III year. In V semester one out of Five pairs of SECS (6A & 7A, 6B & 7B, 6C & 7C, 6D & 7D, 6E & 7E) will be selected as per the choice of the student, as per the APSCHE revised curricular pattern, entire VI Semester will be apprenticeship
  - b) Paper of I, & II Semesters of 100 marks each has 40 marks of internal evaluation and 60 marks of External evaluation. The Internal evaluation (40 marks) is distributed as follows: Attendance-5 marks, Assignments-5 marks, Project -10 marks, Internal examination-20 marks. The paper of III, IV & V semester of 100 marks each has 30% internal evaluation and 70% for external evaluation
  - c) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass marks for I, II & III years for external Examination is 35%. Candidate should get a total of 40 marks in internal and external examinations put together.
  - f) The pattern of semester examinations and practical – I, II, III, IV & V is here with appended.
  - g) Practical examinations will be conducted at each Semester end.

3. Resolved to approve the model question papers for I, II, III, IV & V semesters are here with appended.
4. Resolved to approve the panel of paper setters and examiners as appended herewith.
5. Resolved to approve the Certificate Course titled "WATER ANALYSIS" in II semester for the Academic year 2022-23.
6. Resolved to approve the Plan of Action for the Academic Year 2022-23.
7. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others by consulting with the members of BOS as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

*A. Srinivas*

*K. Thulasi*

*K. Srinivas*

*P. S. Lakshmi*

*A. Srinivas*

*J. Srinivas*

*M. Grace Prinjarka*

*B. Srinivas*

*V. Srinivas*

*Preawaral*

*R. Srinivas*

*P. Srinivas*



# IDEAL COLLEGE OF ARTS AND SCIENCES

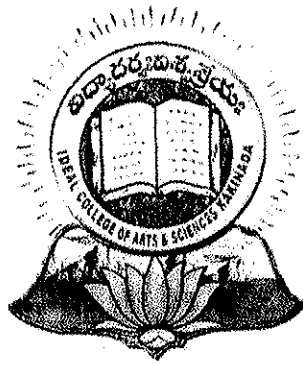
(AUTONOMOUS & NAAC 'B')

DR.P.V.N.RAJU VIDYAPRANGANAM

SAMALKOT ROAD - KAKINADA

## BOARD OF STUDIES

2022 - 2023



## DEPARTMENT OF BOTANY

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM  
Samalkot Road – Kakinada

## Board of Studies of Botany- 2022-2023

A meeting of Board of Studies of the Department of Botany will be held on 27.07.2022 at 2.00 P.M. in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

### Agenda:

1. To discuss about the implementation of new curricula at UG level under CBCS pattern recommended by APSCHE.
2. To approve the course structure, syllabi and model papers for the I, II, III, IV, & V Semesters.
3. To approve the internship for the VI Semester.
4. To ratify the syllabi & Model Papers for the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> Semester.
5. To ratify the syllabi & Model Papers for the Skill development Course Plant Nursery in I Semester and Fruit and Vegetable preservation in II Semester.
6. To Suggest panel of Examiners/ paper setter & other expert nominees for BOS deliberations.
7. To prepare and ratify Scheme of Examinations for both Internal and External Examinations.
8. To approve change in the syllabi, additional inputs and upgradation of syllabus
9. Other Academic Activities of the Department.
10. Any other matter with permission.

T. Subramanyam  
PRINCIPAL

# IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(Autonomous & NAAC B)

Dr. P.V.N. Raju Vidyaprananam

## Department of Botany

### Panel of Board of Studies of Botany 2022-2023

Minutes of the meeting of the Board of Studies in Botany held on 27.07.2022 at 2.00 P.M. in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada.

#### S.No. Members Present

1. K. Nirmala Rani HOD
2. Kum D.Durga Bhavani Asst. Professor
3. Sri B. Ashok Rama Raju Asst. Professor
4. K. Vennela II BZC (E.M)  
Roll No. 220040537
5. G. Jaya Satya Sree I BZC (E.M)  
Roll No. 221042513

Chairman

Signature  
P. N. V. N. Raju  
27/7/22

Member

D. Durga Bhavani  
27/7/22

Member

Student

Member

Student

Member

K. Vennela  
G. Jayasree

#### Adikavi Nannaya University Nominee

6. Smt P.Sara,  
Lecturer Incharge of Botany,  
P.R.Govt. Degree College(A), Kakinada  
Mobile : 7386379223  
E.Mail : [sharagiridhar@gmail.com](mailto:sharagiridhar@gmail.com)

University  
Nominee

P. S.  
27/7/22

#### Members from other Colleges

7. Dr.A.Srinivasa Rao  
HOD of Botany  
Govt. Degree College (A),  
Rajamahendravaram  
Mobile : 8309843949  
E.Mail : [drannabattulasrao@gmail.com](mailto:drannabattulasrao@gmail.com)

Subject  
Expert

A. Srinivasa Rao  
27/7/22

8. Smt G.R.N.S.Sujatha,  
HOD of Botany  
Govt. College, Araku Valley, Visakha District  
Mobile : 8897047672  
E.Mail : [sujathagaganam@gmail.com](mailto:sujathagaganam@gmail.com)

Subject  
Expert

G. R. N. S. Sujatha  
27/7/22

**Industry / Scientific Organisation**

9. Smt P.Swathi,  
Asst.Director,  
Biological Control Laboratory,  
Department of Agriculture, Kakinada  
Mobile : 9848350962  
E.Mail : swathijaladi3002@gmail.com

Industrial  
Expert

**Alumni Member**

10. Kum M.Ratna Jyothi  
Lecturer in Botany,  
V.S.M.P.G.College,  
Ramachandrapuram  
Mobile : 7675033468

Member  
(Alumini)

*M. Ratna Jyothi*



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada





## DEPARTMENT OF BOTANY 2022-2023

### Resolutions


1. Resolved to approve the syllabus and the model question papers for the V Semester (syllabus for the V semester Recommended by APSCHE along with upgradation of the syllabus, additional inputs and change in the syllabus for the admitted batch 2022-2023).
2. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the I, II, III, IV & V Semesters
3. Resolved to approve the Practical syllabus and model papers for the I,II,III, IV & V Semesters
4. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided into two semesters each paper has 40% internal and 60% Semester for I, II semesters.
  - b) The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% semester for III, IV & V semesters.
  - c) During each semester two Internal Examinations for each paper will be conducted as per schedule.
  - d) The Internal evaluation is allotted as 5 Marks for attendance, 20 Marks for Internal Examination and 15 marks for Project / Co-curricular activities.
  - e) Average of the two Internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) Resolved to introduce 2 marks questions for I, II, III, IV & V semesters as per the APSCHE. Model paper given
  - g) Resolved to approve internship for VI Semester
  - h) The minimum pass mark for External Examination is 35%, Candidate should get a total of 40 marks in Internal and External examination put together.
  - i) Practical examination I, II, III, IV & V will be conducted at each Semester end for 50 marks with a duration of 3 hours. They shall be conducted by two Internal examiners on odd semester and with one Internal and one External examiner on even semester.
  - j) Resolved to approve 25% of syllabus changed in I, II, III, IV and V Semesters by the recommendations of BOS Members.
5. Resolved to approve the Panel of paper setters and examiners as appended herewith.
6. Resolved to approve the Skill Development course on Plant Nursery in 1<sup>st</sup> semester as per APSCHE.
7. Resolved to approve the Skill Development course on Fruit and Vegetable Preservation in 2<sup>nd</sup> semester as per APSCHE

8. Resolved to approve the Certificate course on Natural Farming and Terrace Gardening in 2<sup>nd</sup> semester for B.A, B.Com, B.Sc. Students.
9. Resolved to approve Action plan for the year 2022-2023
10. Resolved to approve the Departmental activities for the year 2022-2023.
11. 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 authorized to adopt any changes made in the middle of the academic year, by the University, APSCE and other exigencies in consultation with the Controller of Examinations if necessary.

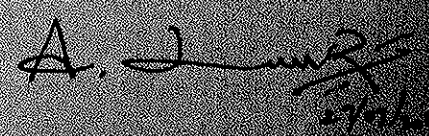

**Members :**

S.No.	Members Present			Signature
1.	K. Nirmala Rani	HOD	Chairman	
2.	Kum D.Durga Bhavani	Asst. Professor	Member	
3.	Sri B. Ashok Rama Raju	Asst. Professor	Member	
4.	K. Vennela	II BZC (E.M)	Student	
		Roll No. 220040537	Member	
5.	G. Jaya Satya Sree	I BZC (E.M)	Student	
		Roll No. 221042513	Member	

**Adikavi Nannaya University Nominee**

6. Smt P.Sara, Lecturer Incharge of Botany, P.R.Govt. Degree College(A), Kakinada Mobile : 7386379223 E.Mail : <a href="mailto:sharagiridhar@gmail.com">sharagiridhar@gmail.com</a>	University Nominee	 27/7/22
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**Members from other Colleges**

7. Dr.A.Srinivasa Rao HOD of Botany Govt. Degree College(A), Rajamahendravaram. Mobile : 8309843949 E.Mail : <a href="mailto:drannabattulasrao@gmail.com">drannabattulasrao@gmail.com</a>	Subject Expert	
8. Smt G.R.N.S.Sujatha, HOD of Botany Govt. College, Araku Valley, Visakha District Mobile : 8897047672 E. Mail : <a href="mailto:sujathagaganam@gmail.com">sujathagaganam@gmail.com</a>	Subject Expert	



**Industry / Scientific Organisation**

9. Smt P.Swathi, Industrial  
Asst. Director, Expert  
Biological Control Laboratory,  
Department of Agriculture, Kakinada  
Mobile : 9848350962  
E.Mail : swathijaladi3002@gmail.com

**Alumni Member**

10. Kum M.Ratna Jyothi, Member  
Lecturer in Botany, (Alumini)  
V.S.M.P.G.College,  
Ramachandrapuram  
Mobile : 7675033468

*M. Ratna Jyothi*

# IDEAL COLLEGE OF ARTS & SCIENCES

(Autonomous, NAAC Accredited B)  
Dr. PVN RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA

## BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR 2022-2023

### MEETING NOTICE

A meeting of Board of Studies of the Department of Zoology will be held on 28.07.2022 at 3.00 P.M. to discuss the following Agenda.

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

#### Agenda:

1. Approval of Syllabus for I, II, III, IV, & V Semesters. VI Semester Internship programme
2. Scheme of Examinations for both internal and external examinations.
3. Model Question Paper for I, II, III, IV & V Semesters.
4. Approval of action plan of Departmental Activities for the year 2022-2023.
5. Approval of Certificate Course.
6. Approval of Skill Course.
7. Method of Teaching learning
8. Any other Item related to Curriculum.

*T. Subhanganjali*  
PRINCIPAL



# IDEAL COLLEGE OF ARTS & SCIENCES

(Autonomous, NAAC Accredited B)  
Dr. PVN RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA

## BOARD OF STUDIES IN ZOOLOGY FOR THE YEAR 2022-2023

### Resolutions:

The members present discussed the syllabus relating to I, II, III, IV & V semesters including Practical in Zoology and proposed the following resolutions

**Resolution 1:** Resolved to approve the syllabus for I, II, III, IV & V semesters for the year 2022 - 2023 as appended herewith.

**Resolution 2 :** Resolved to approve the scheme of examinations for the Five semesters and practical of I B.Sc., II B.Sc., and III B. Sc., Zoology as detailed below:

- a) The syllabus of each paper is divided into two semesters (I & II for I Year and III & IV for II Year, V for V semester and one out of three elective paper (VIA, VIIA, VIB, VIIB, VIC, VIIC, VID, VIID) will be selected as per the choice of the student, one set of cluster out of three sets (VIA, VIIA, VIB, VIIB, VIC, VIIC, VID, VIID) will be selected as per the choice of the student for III Year.
- b) III, IV & V Semester paper of 100 marks each has 30 marks of internal evaluation and 70 marks of External evaluation. The Internal evaluation (30 marks) is distributed as follows: Attendance-5 marks, Assignments-10 marks, Internal examination-15 marks
- c) I, II, Semester paper of 100 marks each has 40 marks of internal evaluation and 60 marks of External evaluation. The Internal evaluation (40 marks) is distributed as follows: Attendance-5 marks, Assignments & Project Works -15 marks, Internal examination - 20 marks
- d) During each semester 2 Internal Examinations for each paper will be conducted as per schedule. Introduction of Multiple Choice Questions and Online pattern partially in internal examinations.
- e) For semesters I, II, III, IV & V Internal Assessment will be conducted for 15 marks. Average of two examinations conducted, should be taken into consideration. 5 marks were allotted for Assignment/Viva, and another 5 marks for student's attendance. No minimum pass mark for internal assessment.
- f) Practical Examination will be conducted at the end of each Semester for 50 marks.

**Resolution 3:** Resolved to approve the model question papers of I, II, III, IV & V semesters and Practical examination of I B.Sc., II B.Sc., III B.Sc., Zoology as appended.

**Resolution 4:** Resolved to approve the list of paper setters and examiners for all the semesters for I, II, & III B.Sc., Zoology for the year 2022-23 as appended herewith.

**Resolution 5:** Resolved to conduct Seminars, Quiz, Assignments to the students as part of other academic activities of the department for the year 2022-2023.

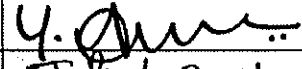
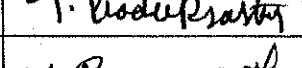

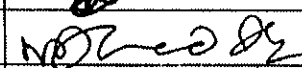
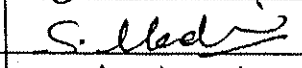

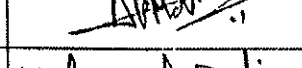
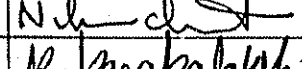
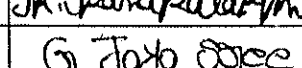
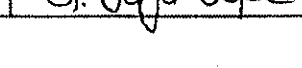
**Resolution 6:** Resolved to approve action plan of departmental activities for the year 2022-2023.

**Resolution 7:** Resolved to approve the recommendations suggested by the members of BOS to change in syllabus of Zoology for the benefit of students (suggestions /recommendations copy enclosed)

**Resolution 8:** Resolved to approve certificate course titled "Pest Management for B.A., B.Com., B.Sc., for the year 2022-2023

**Resolution 8:** Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.

  
CHAIRMAN & HD

1.	Sri Y. Ayyanna	Chairman	
2.	Sri T. Pradeep Sastry	Faculty member	
3.	Dr. V. Ramanamam	Faculty member	
4.	Dr. K. Ramaneswari	University Nominee	
5.	Sri B. Ahmed Ali baba	Subject expert	
6.	Smt. S. Madhavi	Subject expert	
7.	Dr. P.A. Muralidhar	Senior Scientist & Officer Incharge, ICAR CIFE, Kakinada	
8.	Smt. N. Veerachanti	Alumni member	
9.	K. Kanaka Lakshmi	Student member	
10.	G. Jaya Satya Sree	Student member	

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(AUTONOMOUS & NAAC B)

**DR.P.V.N.RAJU VIDYAPRANGANAM**

SAMALKOT ROAD – KAKINADA

**BOARD OF STUDIES**

**2022 - 2023**

**DEPARTMENT  
OF  
HISTORY**

2

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada  
**Board of Studies of History 2022 - 2023**

A meeting of Board of Studies of the Department of History will be held on 30-07-2022 at 4:00 P.M in Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

**Agenda:**

- 1) New Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Pannel of Paper setters and examiners.
- 5) Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2022-2023.
- 6) Other academic activities of Department.
- 7) Department Action plan for 2022-2023.

*T. Sabarwal*  
Principal 30/7/2022



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous & NAAC B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

Samalkot Road, KAKINADA

**DEPARTMENT OF HISTORY - 2022 - 2023**

**MEMBERS OF BOARD OF STUDIES**

The Board of Studies for the Department of History for the year 2022-2023, is constituted with the following members.

1. Sri N.Siva Sankara Prasad  
HOD of History,  
Ideal College of Arts & Sciences (Autonomous)  
Kakinada.

Chairman



**Adikavi Nannaya University Nominee**

1. Dr.P.A.Raja Babu,  
Principal  
S.K.V.T.Degree College,  
Rajamahendravaram  
E.G.Dist.

University Nominee



**Member from other Colleges**

1. Dr. V.Narasimha Swamy,  
Lecturer in History,  
Head of the Department of History,  
P.R.Govt. Degree College(A),  
Kakinada

Member



**Industry / Scientific Organisation**

1. Sri K. Thimmaraju,  
Technical Assistant,  
Archaeological Musium,  
Ramarao peta,  
KAKINADA.

Member



2. Sri A.Raja Rao,  
Sr. Reporter,  
Eenadu,  
Kakinada

Member



**APPROVED**

4

**IDEAL COLLEGE OF ARTS AND SCIENCES**


(Autonomous & NAAC B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

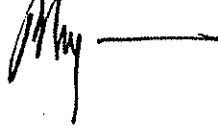
Samalkot Road, KAKINADA

**DEPARTMENT OF HISTORY - 2022 - 2023**

The meeting of the Board of Studies in History at 4.00 P.M on 30-07-2022 Ideal College of Arts and Science (Autonomous), Samalkot Road, Kakinada for the year 2022-2023.

<u>Sl.No</u>	<u>Name</u>		<u>Signature</u>
1.	Sri N.Siva Sankara Prasad HOD of History, Ideal College of Arts & Sciences (Autonomous) Kakinada.	Chairman	

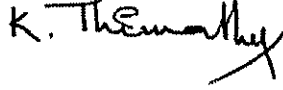
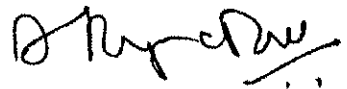
**Adikavi Nannaya University Nominee**

2.	Dr.P.A.Raja Babu, Principal, S.K.V.T.Degree College, Rajamahendravaram E.G.Dist.	University Nominee	
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**Member from other Colleges.**

1.	Dr. V.Narasimha Swamy, Lecturer in History, Head of the Department of History, P.R.Govt. Degree College(A), KAKINADA.	Member	
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**Industry / Scientific Organisation**

1.	Sri K. Thimmaraju, Technical Assistant, Archaeological Musium, Ramarao peta, KAKINADA.	Member	
2.	Sri A.Raja Rao, Sr. Reporter, Eenadu, Kakinada	Member	

**APPROVED**

5

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

**DEPARTMENT OF HISTORY**

**BOARD OF STUDIES IN HISTORY – 2022 - 2023**

**Resolutions:**

1. The members present discussed the syllabus relating to I, II, III, IV, V & VI semesters B.A. course in History and proposed the following resolutions.
1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2021-2022 admitted batch.
3. Resolved to conduct I year External theory Examination for 60 marks and Internal assessment for 40 marks and II and III year External theory Examination for 70 marks and Internal assessment for 30 marks. There is no minimum pass marks for Internal assessment. Whereas 21/60 is the theory minimum in the External Exam for I year, 25/70 is the theory minimum for II and III year.
4. During each semester 2 internal examinations for each paper.
5. Regarding absentees for Internals no separate examinations will be conducted.
6. The minimum pass mark for external exam is 35%. Candidate should get a total of 40 marks in internal and external examination put together for I, II, III, IV, V & VI Semesters No minimum marks are prescribed for the internal examinations.
7. Resolved to approve the model question papers for I, II, III, IV, V & VI Semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is appended  
Herewith
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs in I & II Semester into the curriculum
11. The Chairman BOS as authorized to follow the norms prescribed by Adikavi Nannaya University in respect of syllabus, Model paper and Paper structure.
12. Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2020-2021.

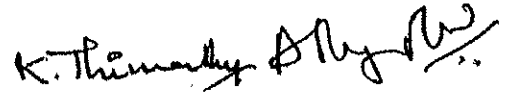


**UNIVERSITY NOMINEE**



**CHAIRMAN**

**APPROVED**



1. Assessment model for the Semester long apprenticeship / on the Job Training / Internships during the Semester – VI.

The assessment for the VI Semester long apprenticeship is for 200 marks and credit assigned are 2.

2. Resolved to approve Certificate Course of three months duration in Travel & Tourism Management.

**UNIVERSITY NOMINEE**

*[Handwritten signature]*  
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**CHAIRMAN**

**APPROVED**

*[Handwritten signature]*  
*[Handwritten signature]*

V.N. *[Handwritten signature]*



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada

Dt. 18.08.2022

**Board of Studies of Economics – 2022- 2023**

**MEETING NOTICE**

A meeting of Board of Studies of the Department of Economics will be conducted on 20.08.2022 at 9.00 A.M, Ideal College of Arts and Sciences (A), Kakinada, to consider the following Agenda.

You are cordially invited and to make it a success.

**Agenda:**

Consideration and approval of the following for the Academic Year 2022-2023

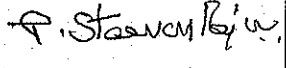
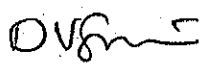
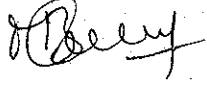
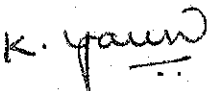
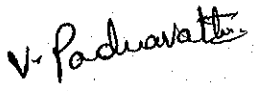
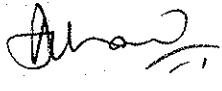


- 1) Syllabus for the I, II, III, IV, V Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II,III,IV, V Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.
- 7) Guidelines for the Project Works.
- 8) Guidelines for the value added courses.

*T. S. Pranganam*  
PRINCIPAL

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr.P.V.N.RAJU VIDYAPRANGANAM**  
Samalkot Road – Kakinada

**DEPARTMENT OF ECONOMICS**  
**MEMBERS OF BOARD OF STUDIES – 2022-2023**

Minutes of the A meeting of Board of Studies of the Department of Economics will be held on 20.08.2022 at 9:00 A.M.

S.No	Name of the Person		Signature
1	Dr. G. Steeven Raju, M.A., PGDCRS., M.Phil., Ph.D UGC-NET AP-SET	HOD & Chairman	
2	Sri D.V.S.Viswanadha Raju, M.A.,	Lecturer & Mamber	
3	Dr.M.Balaswamy, M.A., Ph.D.. HOD of Economics, <i>GDC, Alampur</i> S.K.B.R.College, Amalapuram.	Subject Expert (University Nominee)	
4	Dr.K.Yamuna, M.A., B.Ed., M.B.A., M.Phil., Ph.D. UGC-NET AP-SET, <i>AP SET- Management</i> Lecturer in Economics A.S.D.Govt. Degree College for Women(A), Kakinada.	Subject Expert	
5	Smt V.Padmavathi M.A., M.Phil., UGC-NET AP-SET Lecturer in Economics Govt. Degree College. Tuni.	Subject Expert	
6	Sri M.V.V.B.Achari, Income Tax Officer, International Taxation Income Tax Office, KAKINADA.	Member	
7	Smt M.Bharathi, M.A., B.Ed.,	Alumni Member	
8	Kum K.Mahalakshmi II B.A., 2200401022	Student Member	

*T. Subramanyam*  
PRINCIPAL

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

## DEPARTMENT OF ECONOMICS

### BOARD OF STUDIES IN ECONOMICS – 2022-2023

#### Resolutions:

The members present discussed the syllabus relating to All semesters of B.A. course in Economics and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2015-2016 admitted batch.
3. I.
  - a. Resolved to conduct external examination for 70 marks and internal examination for 30 marks, (5 for attendance 10 marks assignments 15 for Mid Examination a total of 30 marks for Internals for II, III, IV, V
  - b. The minimum pass mark for external exam is 26 out of 70. Candidate should have get a total of 40 marks in internal and external examination put together for II, III, IV, V Semesters.
- II.
  - a) Resolved to conduct external examination for 60 marks and Internals for 40 marks, a total of 100 Marks put together. 5 for attendance 20 marks for Project work and 15 for Mid Examination a total of 40 Marks for Internal for I Semester.
  - b) The minimum pass mark for external exam is 21 out of 60 Candidates should get a total of 40 marks in Internal and External examination put together for I Semester.
4. Regarding absentees for Internals no separate examinations will be conducted.
5. During each semester 2 internal examinations for each Course will be conducted
6. No minimum marks are prescribed for the internal examinations.
7. Resolved to approve the model question papers for I, II, III, IV, V semesters as herewith appended.

8. Resolved to approve the syllabus for courses 1,2,3,4,5,6 and 7 for I, II, III, IV, V semesters as herewith appended.
9. Resolved to approve the panel of paper setters and examiners.
10. Resolved to approve the list of recommended books.
11. Resolved to approve the additional inputs into the curriculum.
12. Resolved to approve the value added courses.
13. Resolved to approve the Certificate Course.
14. The Chairman, Board of Studies has authorised to change any topic of the syllabus or model question paper or any other changes made by the Adikavi Nannaya University, Rajamahendravaram.

**APPROVED**

*Deey*  
UNIVERSITY NOMINATED

*ORC*

*A. Steeven Raju*  
**CHAIRMAN**

*Arav*  
M.V. VEERABHADRACHARI  
INCOME TAX OFFICER  
(International Taxation)  
KAKINADA

*K. Yamuna*

**Dr. K. Yamuna**  
Lecturer in Economics  
ASD. Govt. Degree College for Women(A)  
KAKINADA  
*V. padmarath*

*M. Bharati*



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA

## MEETING NOTICE – 2022-2023

A meeting of Board of Studies of the Department of Political Science will be held on 01.08.2022 at 10:00 A.M. in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

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

### Agenda:

- 1) Syllabus for the I, II, III, IV, V & VI Semesters.
- 2) Scheme of Examinations for both internal and external examinations.
- 3) Model Question Paper for I, II, III, IV, V & VI Semesters.
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Other academic activities of Department.

T. Sahanayana  
PRINCIPAL

*[Handwritten signature]*

*[Handwritten signature]*  
4/8/22

*[Handwritten signature]*

P.V.N. Raju  
1/8/22

*[Handwritten signature]*

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous & NAAC B)

**Dr.P.V.N.RAJU VIDYAPRANGANAM**

Samalkot Road – Kakinada

**DEPARTMENT OF POLITICAL SCIENCE**

**BOARD OF STUDIES IN POLITICAL SCIENCE – 2022 - 2023**

Resolutions:

1. The members present discussed the syllabus relating to I, II, III, IV, V & VI semesters B.A. course in Political Science and proposed the following resolutions.
  1. Resolved to approve the syllabus as appended herewith.
  2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG course structure CBCS pattern w.e.f 2021-2022 admitted batch.
  3. Resolved to conduct I year External theory Examination for 60 marks and Internal assessment for 40 marks and II and III year External theory Examination for 70 marks and Internal assessment for 30 marks. There is no minimum pass marks for Internal assessment. Whereas 21/60 is the theory minimum in the External Exam for I year, 25/70 is the theory minimum for II and III year.
  4. During each semester 2 internal examinations for each paper.
  5. Regarding absentees for Internals no separate examinations will be conducted.
  6. The minimum pass mark for external exam is 35%. Candidate should get a total of 40 marks in internal and external examination put together for I, II, III, IV, V & VI Semesters No minimum marks are prescribed for the internal examinations.
  7. Resolved to approve the model question papers for I, II, III, IV, V & VI Semesters as herewith appended.
  8. Resolved to approve the panel of paper setters and examiners is appended

Herewith

9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs in I & II Semester into the curriculum
11. The Chairman BOS as authorized to follow the norms prescribed by Adikavi Nannaya University in respect of syllabus, Model paper and Paper structure.
12. Syllabus change 20% in I, II, III, IV, V, & VI Semesters for the year 2020-2021.

*R. Raju*  
1/8/22

*Palleer*

5

*M. B. S. V.*  
1/8/22

*P. Raju*

**IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA**

*(Autonomous, NAAC Accredited B)*

**Dr.P.V.N.Raju Vidya Pranganam**  
**Samalkota Road, Kakinada.**

**BOARD OF STUDIES IN COMMERCE**

A meeting of the Board of Studies of the Department of Commerce will be held on **02-08-2022 at 10 A.M at Ideal College of Arts and Sciences, Samalkota Road, Kakinada,** to consider the following agenda.

**Agenda:**

**Consideration and approval of the following for the academic year 2022-2023**

- 1) Syllabus for the I, II, III, IV, V and VI Semesters.
- 2) Scheme of Examinations for both Internal, External examinations.
- 3) Model Question Papers for I, II, III, IV, V & VI Semesters
- 4) Panel of Paper setters and examiners.
- 5) Additional inputs into the curriculum.
- 6) Resolved to approval Certificate Course in Human Resource Management.
- 7) Other academic activities of Department.

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

*T. Satyanarayana*  
PRINCIPAL

PRINCIPAL  
Ideal College of Arts & Sciences  
KAKINADA.

## Resolutions

The members present discussed the syllabus relating to all semesters B.com (General and computer) and proposed the following resolutions.

1. Resolved to approve the syllabus as appended herewith.
2. Resolved to adopt revised Adikavi Nannaya University syllabus drawn as per UG course structure CBCS pattern w.e.f 2020-2021 admitted batch.
3. (a) Resolved to conduct external examination for 60 marks and internal examination for 40 marks (5 marks for attendance, 15 marks for project and assignments and 20 marks for internal examination a total of 40 marks for I and II Semesters.  
(b) Resolved to conduct external examination for 70 marks and internal examination for 30 marks (5 marks for attendance, 10 marks for assignments and 15 marks for internal examination a total of 30 marks) for III, IV, V and VI Semesters
4. Regarding absentees for internals no separate examinations will be conducted as schedule
5. During each semester two internal examinations for each paper.
6. (a) The minimum pass marks for external exam is 35%. Candidate should get a total of 40 marks in internal and external examinations put together for I, II, III, IV, V and VI semesters.  
(b) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks
7. Resolved to approve the model question papers for I, II, III, IV, and V Semesters as herewith appended.
8. Resolved to approve the panel of paper setters and examiners is herewith appended.
9. Resolved to approve the list of recommended books.
10. Resolved to approve the additional inputs into the curriculum.
11. Resolved to approve the Certificate Course titled "Human Resource Management" in II semester for the Academic year 2022-23.
12. Resolved to approve the Syllabus & model paper for the paper titles "Advertising", and "Online Business" in Revised CBCS (W.E.F 2020-21) Under Skill Development Courses.
13. Resolved that the Chairman, BOS is authorized to take up necessary amendments, changes, additions and others as and when required according to the instructions of the Adikavi Nannaya University, APSICHE and other exigencies in consultation with the Controller of Examinations if necessary.

UNIVERSITY NOMINEE

APPROVED

CHAIRMAN

K. Nagumasa  
R. Subbarao

Ch. K. Sita  
V. R. A



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 20.12.2022

**Board of Studies of B.Voc., Sustainable Agriculture**

A meeting of Board of studies of the Department of agriculture will be held on 20.12.2022 at 2 P.M 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 syllabus for the First year & Second year (I, II, III & IV Semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year & Second year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
6. Other academic activities of Department.

*T. Salyamane*  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

IDEAL COLLEGE OF ARTS AND SCIENCES  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B) DR. P.V.N. RAJU  
VIDYAPRANGANAM

KAKINADA

DEPARTMENT OF AGRICULTURE

**Board of Studies of B.VOC. AGRICULTURE  
RESOLUTIONS**

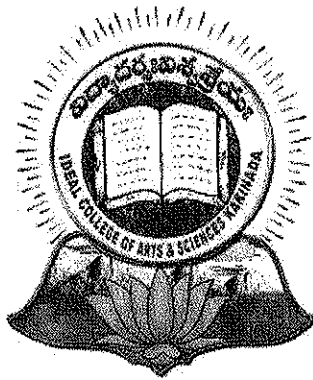
Resolved to follow the following pattern for examinations

1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10+5 \*) and 70 marks (70% 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. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. 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.
7. 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.
8. If the student is absent for internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees
10. The minimum pass mark for external examination is 25 marks out of 70 marks in external semester end examination
11. However, the student should secure minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. Practical examination will be conducted at the end of every semester of academic year
13. Resolved to approve upgradation in the Syllabus I & II Semesters
14. Resolved to Approve Departmental activities for the year 2020-2021
15. Follow the language papers, Life Skill Courses, Skill Development Courses and major (1&2) core papers (1&2) as per autonomous rules/University norms.
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 2020-2021 and also is authorized to adopt any changes made in the middle of the academic year if any
17. Resolved to approve the certificate courses on **Organic Farming & Hydroponics** in semester -I and semester -V for BA, B.com, Bsc & Bvoc students.
18. Resolved to approve action plan for the year of 2021-22
19. Resolved to approve the departmental activities for the year of 2021-22
20. Resolved to authorize the chairman board of studies to take up all the necessary for the utilization of syllabi to be implemented from the academic year 2021-22 and also authorize to adopt any changes in the middle of the academic year by the university APSCHE and other exigencies in consultation with the controller to examinations if necessary

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

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)

**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2022-2023**

**COURSE: B.VOC., INDUSTRIAL AQUACULTURE AND FISHERIES**

Second & Third Year ( III, IV & V Semester)

**DEPARTMENT OF**  
**FISHERIES AND AQUACULTURE**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**Board of Studies of B.Voc., INDUSTRIAL AQUACULTURE AND FISHERIES**

The Board of Studies for the Department of Fisheries and Aquaculture for the year 2022-2023 is constituted with the following Members.

**Sl.No.Members Present**

1. P.V.Lovaraju
2. Dr.S.Jagan mohan
3. K. Sharon
4. R. Jnana prasanna

Chairman

Member

Student Member

Student Member

*P.V. Lovaraju*

*R. Jnana Prasanna*

*K. Sharon*

*R. Jnana Prasanna*

**Adikavi Nannaya University Nominee**

1. Dr. K. Ramaneswari  
Dept. of Zoology  
HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 8074112754

*A. 22/12/2022*

**Members from other Colleges**

1. Dr. Muralidhar P. Ande  
Senior Scientist & Office In-Charge, CIFE, Kakinada  
Cell No: 7396182790
2. Dr.P.V.V.Sathish  
HOD of Fisheries,P.V.R.T.DegreeCollege. Kakinada  
CellNo: 8074194098

*M. 22/12/2022*

*P.V.V. Sathish 22/12/2022*

**Industry/Scientific Organization**

1. T. Madhu Mohan  
Technical Director,SGS Aqua Solutions, Kakinada.  
Cell No: 9849744984

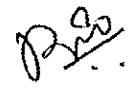
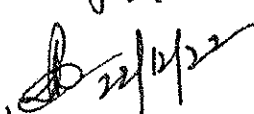
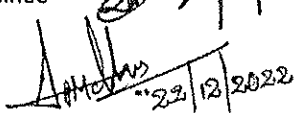
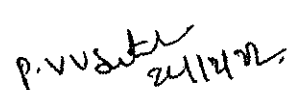

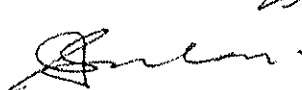
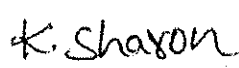
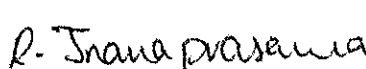
*T. Madhu Mohan 22/12/22*

*T. Sathyanarayana*  
PRINCIPAL



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in INDUSTRIAL AQUACULTURE AND FISHERIES subject for B.Vocation course for Second Year (III & IV Semesters) in the academic year 2022-2023, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in the Department of Fisheries and Aquaculture at 12:30 PM on 13/12/22.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	P.V.Lovaraju	Chairman 
2.	Dr. K. Ramaneswari	University Nominee 
3.	Dr. Muralidhar P. Ande	Expert 
4.	Dr. P. V.V.Satish	Expert 
5.	T. Madhu Mohan	Representative from Industry 
6.	Dr.S.Jagan mohan	Member 
7.	K. Sharon	Student Member 
8.	R. Jnana prasanna	Student Member 

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
**KAKINADA**  
**A.Y.2022-2023**  
**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**B.VOC., INDUSTRIAL AQUACULTURE AND FISHERIES**

**Resolutions:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper 30%internal and 70% external for III & IV and Vth semester (second year & third Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule in descriptive mode.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical III , IV ,V is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for, III , IV&V semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.
5. It Resolved to fishing methods is introduced in the place of Fish Seed Production in second semester.
6. It resolved to fish seed production is introduced in the place of fishing methods in third semester.
7. Third semester followed as per university syllabus in the year of 2022-2023.

*R. Jnanaprakasam*  
*22/12/2022*

*K. Sharon*

*22/12/2022*



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

Date: 28.08.2021

**Board of Studies of B.Voc., Commercial Aquaculture and Fisheries**

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on **28.08.2021** at 12.30 P.M 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 syllabus for the First year & Second year (I, II, III & IV Semesters).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year & Second year).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
6. Other academic activities of Department.

K. Thani Lal  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM

**KAKINADA**

**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**Board of Studies of B.Voc., Commercial Aquaculture and Fisheries**

The Board of Studies for the Department of Fisheries and Aquaculture for the year 2021-2022 is constituted with the following Members.

**SI.No. Members Present**

- |                           |                |
|---------------------------|----------------|
| 1. Dr. K. Narasimha Murty | Chairman       |
| 2. P V Lovaraju           | Member         |
| 3. V.Manikanta            | Student Member |
| 4. A.Janaki Devi          | Student Member |

**Adikavi Nannaya University Nominee**

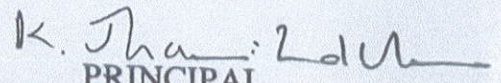
1. Dr. K. Ramaneswarai  
Dept. of Zoology  
HOD, Adikavi Nannaya University  
Rajamahendravaram  
Cell No: 8074112754

**Members from other Colleges**

1. Dr. Muralidhar P. Ande  
Senior Scientist & Office In-Charge, CIFE, Kakinada  
Cell No: 7396182790
2. Dr. P. Sandeep  
Scientist, FRS (SVVU), Balabhadrapuram, Kakinada  
Cell No: 8185039772

**Industry/Scientific Organization**

1. Dr. M. Srinivasa Rao  
Senior Product Development Manager & Marketing Head-India  
Growel Formulation Pvt. Ltd.  
Cell No: 7989548040

  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (AI)  
KAKINADA





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
DR. P.V.N. RAJU VIDYAPRANGANAM


**KAKINADA**

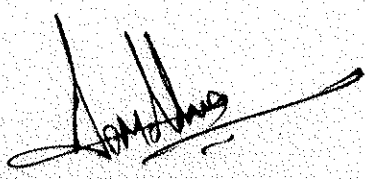
**A.Y.2021-2022**

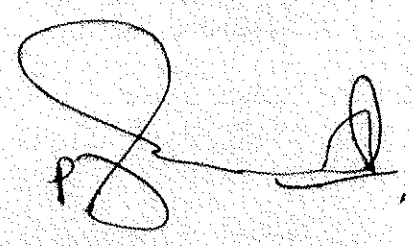
**DEPARTMENT OF FISHERIES AND AQUACULTURE**  
**B.VOC., Commercial Aquaculture & Fisheries**

**Resolutions:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 30% internal and 70% semester (15+10+5) for I, II, III & IV (First year & Second Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule. Introduction of objective type questions and online pattern partially in internal examinations subject to the condition.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical I, II, III & IV is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for I, II, III & IV semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.



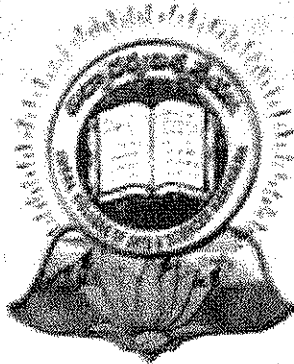






**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)

**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2022-2023**

*B.Sc- Food technology*

**DEPARTMENT OF**  
**FOOD SCIENCE AND TECHNOLOGY**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 08.12.2022

**Board of Studies of B.Sc., Food Technology**

A meeting of Board of studies of the Department of Food Science and Technology will be held on 08.12.2022 at 10:00 AM in Science College Campus, Ideal College of Arts and Sciences (Autonomous), Kakinada, to consider the following Agenda.

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

**Agenda:**

1. To ratify the syllabus for the First year (I & II semesters), Second year (III & IV) and Third year (V & VI).
2. To prepare and ratify scheme of Examinations for both internal and external examinations.
3. Model Question paper for First year (I & II semesters), Second year (III & IV) and Third year (V & VI).
4. To fix Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and up gradation of syllabus
6. Other academic activities of Department.

*T. Sahayam*  
PRINCIPAL 5/12/2022

PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FOOD TECHNOLOGY**  
**Board of Studies of B.Sc., Food Technology**

The Board of Studies for the Department of Food Technology for the year 2022-2023 is constituted with the following Members.

**SL.No. Members Present**

1. P. Mounika
2. M.Krishna veni
3. Prathiba
4. T.Rajeswari

Chairman

Member

Student Member

Student Member

*P. Mounika*  
*M.Krishna veni*  
*Prathiba B*  
*T.Rajeswari*

**Adikavi Nannaya University Nominee**

Dr. D.Praven kumar  
Assistant Professor  
JNTU-kakinada

Email: dikkalapraveenkumar@gmail.com  
Mobile no: 7780667968

*Praven kumar*

**Members from other Colleges**

1. Dr. G. Anitha  
Asst. Professor  
A.S.D. Womens college  
Kakinada  
Ph: 9948768552

*G. Anitha*

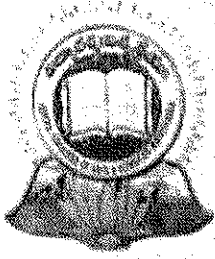
2. M V Keerthi  
Asst. Professor  
JNTU-K  
Ph: 9440694276

**Industry/Scientific Organization**

1. I. K. Goodu Mastanvali  
Olam Agro India Ltd.  
Ph.no: 8121562196

*T. Subramanyam*  
PRINCIPAL

PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCE  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

(Certificate to be issued by the University Nomine/Subject Expert/Member of BOS)

Department Name: Dept. of Food Science and Technology

Name of the BOS Member :Prof. M.V.Keerthi  
(University Nomine/Subject Expert/Industrillist/ Member)

I certify that the syllabus submitted by the Food Science and Technology Department is verified by me and I recommend the following suggestions:

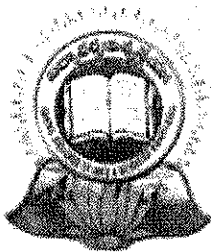
1. Add food laws and standards regarding FSSAI
2. I included processing of fruit and vegetable products.
3. Included processing of various food products in laboratory.
4. Conduct the Field Trips at least two per Month.
5. To conduct the food science extensive works in College campus (NPD)

The syllabus is approved with the above suggested modification

Signature with Date

08.12.2022

Note: BOS Members are requested to fill the above details with necessary suggestions and send back to the Head of the department along with the syllabus



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

(Certificate to be issued by the University/Nomine/Subject Expert/Member of BOS)

Department Name: Dept. of Food Science and Technology

Name of the BOS Member : **K.Goodu Mastanvali**  
(University Nomine/Subject Expert/Industrialist/ Member)

I certify that the syllabus submitted by the Food Science and Technology Department is verified by me and I recommend the following suggestions:

1. Add food laws and standards regarding FSSAI
2. I included processing of fruit and vegetable products.
3. Included processing of various food products in laboratory .
4. Conduct the Field Trips at least two per Month.
5. To conduct the food science extensive works in College campus (NPD)

The syllabus is approved with the above suggested modification



08.12.2022

Note: BOS Members are requested to fill the above details with necessary suggestions and send back to the Head of the department along with the syllabus



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FOOD SCIENC AND TECHNOLOGY**  
**Board of Studies of B.Sc., Food Technology**

The Board of Studies for the Department of Food Science and Technology for the year 2022-2023 is constituted with the following Members.

**SL.No.Members Present**

1. P. Mounika
2. M.Krishna veni
- 3.Prathiba
- 4.T.Rajeswari

Chairman  
Member  
Student Member  
Student Member

*P. Mounika*  
*M.Krishna veni*  
*Prathiba B*  
*T.Rajeswari*

**Adikavi Nannaya University Nominee**

Dr. D.Praven kumar  
Assistant Professor  
JNTU-kakinada  
Email:dikkalapraveenkumar@gmail.com  
Mobile no:7780667968

*Praven kumar*

**Members from other Colleges**

1. Dr. G. Anitha  
Asst. Professor  
A.S.D. Womens college  
Kakinada  
Ph: 9948768552
- 2 M V Keerthi  
Asst. Professor  
JNTU-K  
Ph: 9440694276

*G. Anitha*

**Industry/Scientific Organization**

K.Goodu Mastanvali  
Olam Agro India Ltd.  
Ph.no:8121562196

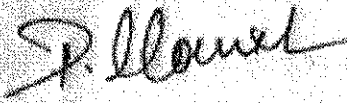



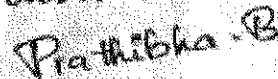
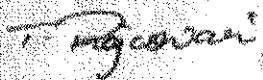
*T. Sahayana*  
PRINCIPAL 5/12/2022

PRINCIPAL  
IDEAL COLLEGE OF ARTS & SCIENCES  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

The syllabus and model question papers in Food Technology course for the First year (I & II semester), second year (III & IV) and Third year (V & VI) in the academic year 2022-2023, list of Examiners and paper setter, Department activities is approved in the Board of Studies meeting held in Ideal College of Arts and Sciences on 08.12.2022 at 10:00 AM.

<u>Sl.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	P. Mounika HOD, Ideal College	
2.	Dr.D.Praveen kumar University Nominee	
3.	Dr.G.Anitha Expert	
4.	M. V. Keerthi Expert	
5.	K.Goodu Mastanvali Representative from Industry	
6.	M.Krishna veni Member	
7.	B.Prathiba Student Member	
8.	T.Rajeswari Student Member	

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(A.P. GOVT., AIDED, AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF FOOD TECHNOLOGY**

**B.Sc., Food Technology**

**RESOLUTIONS:**

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus of each paper is divided in to two semesters each paper has 30% internal and 70% semester the admitted batch of 2020-21 & 2021-22).
  - b) The syllabus of each paper is divided in to two semesters each paper has 40% internal and 60% semester the admitted batch of 2022-23).
  - c) During each semester two internal Examinations for each paper will be conducted as per schedule.
  - d) No internal examination/semester examination will be conducted separately for the absentees.
  - e) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - f) The minimum pass mark for external examination is 35%. Candidate should get a total of 40 marks in internal and external examination put together.
2. Practical examination will be conducted at the end of every semester of the academic year .
3. As per University guidelines the internship is mandatory after even semesters (II,IV during summer vacation).
4. Resolved to approve VI semester Internship program.
5. Resolved to approve up gradation in the syllabus I,II,III,IV, V and VI semesters.
6. Resolved to approve departmental actives for the year 2022-2023.
7. Resolved to approve the model question papers for I, II, III, IV, V, VI semesters
8. Resolved to approve the panel of paper setter and examiners.

G. Anita

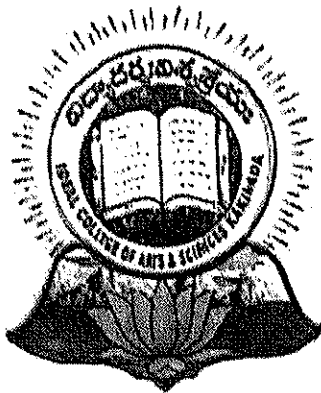
P. Praveen

Prathibha B

N. N. K. K.

T. Rajan

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2022-2023**

**COURSE: B.VOC/Software Development**

**DEPARTMENT OF COMPUTER SCIENCE**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 07.12.2022

**Board of Studies of B.VOC/Software Development**

A meeting of the Board of studies of the Department of Computer Science will be held on 13.12.2022 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 syllabus for the One year, Second year, and Third year.
2. To prepare and ratify the scheme of Examinations for both internal and external examinations.
3. Model Question paper for One year.
4. To fix the Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and upgradation of the syllabus incorporate the OJT Programme.
6. Other academic activities of the Department.

\*\*\*\*\*Google Meet (Virtual Mode:)

*T. Sabineyada*  
7/12/2022  
Principal  
Ideal College of Arts & Sciences (A)  
Kakinada



# IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS & NAAC B)

(Affiliated to Adikavi Nannaya University- Rajahmahendravaram)

KAKINADA

## DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

### Board of Studies of B.VOC/ Software Development & BCA/Data Science

The Board of Studies for the Department of Computer Science for the year 2022-2023 is constituted of the following Members.

#### Sl.No. Members Present

1. Mr PPR Mohan  
MCA, MTech. Chairman
2. Mr V. Jeevan Kanth  
MTech. Member
3. Mrs G SubbaLakshmi  
MTech, APSET & UGC-NET Member

#### Adikavi Nannaya University Nominee

1. Dr. P.V. Venkateshwara Rao,  
Associate Professor,  
Department of Computer Science & Engineering  
Adikavi Nannaya University,  
Rajahmahendravaram.  
Cell No: 9441447037

#### Members from other Colleges

1. Dr. G.S.N Murthy  
Professor & HOD  
Aditya Engineering College(A),  
Affiliated with JNTU Kakinada,  
Cell: 9553548444
2. Dr. S. Rao Chintalapudi  
Professor & HOD,  
Head of the Department,  
CMR Technical Campus, Hyderabad.  
Email: srao.chintalapudi@gmail.com  
Cell: 9949379392
3. Mrs Ch. Suneetha,  
MCA, M.Tech, M.Sc, PGDCA, AMIE, (Ph.D)  
Assistant Professor,  
Gayatri Vidya Parishad College for Degree & PG Courses,  
Rushikonda,  
Vishakhapatnam.  
Email: [maanash11@gmail.com](mailto:maanash11@gmail.com)  
Cell: 9492954301.

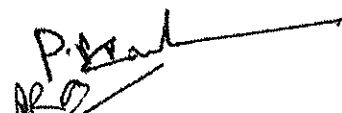



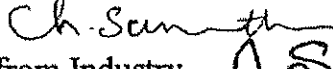
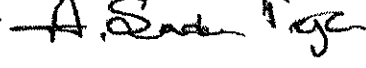
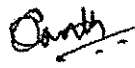

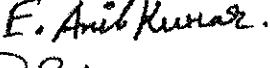

#### Industry/Scientific Organization

4. Mr G. Satish Kumar  
Delivery Manager  
Vetra Minds Technologies  
Hyderabad,  
Cell: 9866222226

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
(Affiliated to Adikavi Nannaya University- Rajahmahendravaram)  
**KAKINADA**  
**DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**  
**B.VOC/ Software Development & BCA/Data Science**

---

The syllabus and model question papers in Software Development subject for B.Voc.,BCA(PS) course for the Second year (III & IV semester) in the academic year 2022-2023, list of Examiners and paper setter, Department activities are approved in the Board of Studies meeting held in the Department of Computer Science (Via Google Meet) (Date: 31/12/2022, 10:00 AM.)

<u>S.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Mr. PPR Mohan Chairman	
2.	Dr. P. Venkateshwara Rao University Nominee	
3.	Dr. G. S.N Murthy Subject Expert	
4.	Dr. S. Rao Chintalapudi Subject Expert	
5.	Mrs Ch. Suneetha Subject Expert	
6.	Mr A. Sandeep Teja Representative from Industry	
7.	M.V. Jeevan Kanth Member	
8.	G. SubbaLakshmi Member	
9.	E. Anilkumar Student	
10.	P. Satyanarayana Student	

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS & NAAC B)

(Affiliated to Adikavi Nannaya University- Rajahmohendravaram)

**KAKINADA**

**DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

**B.VOC/Software Development**

## RESOLUTIONS

The ACADEMIC YEAR 2022-23

Date: 12.12.2022

I, II and III YEAR (I, II, III, IV, V & VI SEMESTERS)

Resolved to follow the following pattern for examinations

1. Each paper has 30 marks (30%) of internal (Continuous Assessment) (15+10+5 ) and 70 marks (70% of the external semester-end examination). (For the Admitted Batch of 2020-21,2021-22)
2. Each paper has 40 marks (40%) of internal (Continuous Assessment) (20+15+5 ) and 60 marks (60% of the external semester-end examination). (For the Admitted Batch of 2022-23)
3. During each semester two internal examinations will be conducted as per schedule for each paper.
4. The average of two internal examination marks conducted by the college is considered internal examination marks.
5. No minimum pass marks for internal examination
6. In each semester, the student has to possess a minimum attendance of 75%.
7. Students having attendance between 65% and 75% may be permitted to appear in the Semester End/Annual examination on medical grounds only, on payment of Condo nation fee along with a medical certificate from the Government Medical Officer.
8. If a student is detained due to a shortage of attendance i.e. less than 65%, he has to rejoin the semester with prior permission from the university. Such students are not eligible to take a subsequent semester.
9. If the student is absent for an internal examination then his/her internal marks are recorded as zero marks
10. No separate internal examination is conducted for absentees
11. The minimum pass mark for the external examination is 25 marks out of 70 marks in the external semester-end examination. (For the Admitted Batch of 2020-21,2021-22)
12. The minimum pass mark for the external examination is 21 marks out of 60 marks in the external semester-end examination. (For the Admitted Batch of 2022-23)
13. However, the student should secure a minimum of 40 marks out of 100 marks in internal and external examinations put together.
14. Practical examination will be conducted at the end of every semester of the academic year.
15. As per University Guidelines the Internship is Mandatory After Even Semesters (II, IV During Summer Vacation).
16. Resolved to approve VI Semester Internship Program.
17. Resolved to approve upgradation in the Syllabus I, II, III, IV, V and VI Semesters.
18. Resolved to Approve Departmental activities for the year 2022-2023
19. Follow the language papers, Life Skill Courses, Skill Development Courses, Major and Core Subjects and Internships as per Autonomous rules/University norms.
20. 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.

(Project/ ~~Mid marks~~ ~~Attendance~~ ~~Attendance~~) Indicates the marks allotted for student activities like attendance, participation in PPTs, Paper presentations, Seminars, quizzes, Group discussions, Assignments and E-Courses (MOOCS) ...etc.

~~Mid marks~~ ~~Attendance~~

*G. S. Sathya*  
*G. S. Sathya*  
*P. S. Sathya*  
**CHAIRMAN**

*P. S. Sathya*  
**UNIVERSITY NOMINEE**

IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC-B)

DR. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA - 533002.

Department of Computer Science

Course: B. Voc., Software Development

Model blueprint for the model paper and choice

A) QUESTION PAPER MARKS: 70

(\*\* Admitted batch of A.Y. 2020-21, 2021-22)

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 Short Questions	8	5	40	4	5	20
2	Part- B Essay Questions	10	10	100	5	10	50
TOTAL				140	TOTAL MARKS		70

$$\text{Percentage of choice given} = \frac{140 - 70}{140} \times 100 = \frac{70}{140} \times 100 = 50\%$$

G. Seethalakshmi  
Chairman  
GSLK

P. V. N. Raju  
CHAIRMAN

University Nominee



IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC-B)  
DR. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA – 533002.

Department of Computer Science

Course: B.Voc., Software Development (SKILL PAPERS)

Model blueprint for the model paper and choice

**B) QUESTION PAPER MARKS: 50**

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 Short Questions	8	5	40	4	5	20
2	Part- B Essay Questions	5	10	50	3	10	30
<b>TOTAL</b>				90	<b>TOTAL MARKS</b>		50

$$\text{Percentage of choice given} = \frac{100 - 50}{100} \times 100 = \frac{40}{100} \times 100 = 40\%$$

G. Subbalaksh  
Co-ordinator  
ESCI Dept

P. V. N. Raju  
CHAIRMAN

PRJ  
UNIVERSITY NOMINEE

IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC-B)

DR. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA – 533002.

Department of Computer Science

Course: B. Voc., Software Development

Model blueprint for the model paper and choice

(\*\*Academic effective admitted batch from 2022-23 onwards)

**A) QUESTION PAPER MARKS: 60**

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>				<b>112</b>	<b>TOTAL MARKS</b>		<b>60</b>

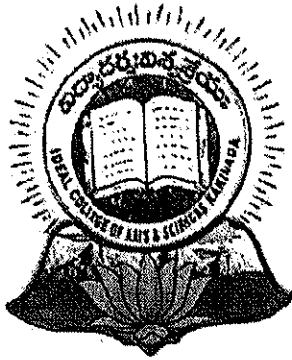
$$\text{Percentage of choice given} = \frac{112 - 60}{112} \times 100 = \frac{52}{112} \times 100 = 46.42\%$$

G. Subbalakshmi  
Chairman  
GSSI

D. N. S. Reddy  
CHAIRMAN

R. G.  
UNIVERSITY NOMINEE

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AUTONOMOUS & NAAC B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**



**BOARD OF STUDIES**  
**2022-2023**

**COURSE: BCA/Data Science**

**DEPARTMENT OF COMPUTER SCIENCE**

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Date: 07.12.2022

**Board of Studies of BCA/Data Science**

A meeting of the Board of studies of the Department of Computer Science will be held on 13.12.2022 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 syllabus for the One year
2. To prepare and ratify the scheme of Examinations for both internal and external examinations.
3. Model Question paper for One year.
4. To fix the Panel of paper setters and Examiners.
5. Additional inputs into the curriculum and upgradation of the syllabus incorporate the OJT Programme.
6. Other academic activities of the Department.

\*\*\*\*\*Google Meet (Virtual Mode:)

*T. Sabanayagam*  
7/12/2022  
Principal  
Ideal College of Arts & Sciences (A)  
Kakinada



# IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS & NAAC B)

(Affiliated to Adikavi Nannaya University- Rajamahendravaram)

KAKINADA

## DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

### Board of Studies of B.VOC/ Software Development & BCA/Data Science

The Board of Studies for the Department of Computer Science for the year 2022-2023 is constituted of the following Members.

#### SL.No. Members Present

- |                        |          |
|------------------------|----------|
| 1. Mr PPR Mohan        | Chairman |
| MCA, MTech.            |          |
| 2. Mr V. Jeevan Kanth  | Member   |
| MTech.                 |          |
| 3. Mrs G Subbalakshmi  | Member   |
| MTech, APSET & UGC-NET |          |

#### Adikavi Nannaya University Nominee

1. Dr. P.V. Venkateshwara Rao,  
Associate Professor,  
Department of Computer Science & Engineering  
Adikavi Nannaya University,  
Rajahmahendravaram.  
Cell No: 9441447037

#### Members from other Colleges

1. Dr. G.S.N Murthy  
Professor & HOD  
Aditya Engineering College(A),  
Affiliated with JNTU Kakinada,  
Cell: 9553548444
2. Dr. S. Rao Chintalapudi  
Professor & HOD,  
Head of the Department,  
CMR Technical Campus, Hyderabad.  
Email: srao.chintalapudi@gmail.com  
Cell: 9949379392
3. Mrs Ch. Suneetha,  
MCA, M.Tech, M.Sc, PGDCA, AMIE, (Ph.D)  
Assistant Professor,  
Gayatri Vidya Parishad College for Degree & PG Courses,  
Rushikonda,  
Vishakhapatnam.  
Email: maanash11@gmail.com  
Cell: 9492954301.



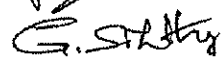

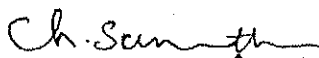
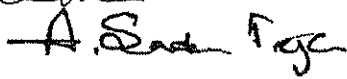



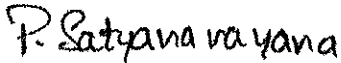
#### Industry/Scientific Organization

4. Mr G. Satish Kumar  
Delivery Manager  
Vetra Minds Technologies  
Hyderabad.  
Cell: 9866222226

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
(Affiliated to Adikavi Nannaya University- Rajahmendravaram)  
**KAKINADA**  
**DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**  
**B.VOC/ Software Development & BCA/Data Science**

---

The syllabus and model question papers in Software Development subject for B.Voc., BCA(PS) course for the Second year (III & IV semester) in the academic year 2022-2023, list of Examiners and paper setter, Department activities are approved in the Board of Studies meeting held in the Department of Computer Science (Via Google Meet) (Date: 13/12/2022, 10:00 AM.)

<u>S.No.</u>	<u>Members Present</u>	<u>Signatures of Members</u>
1.	Mr. PPR Mohan	Chairman 
2.	Dr. P. Venkateshwara Rao	University Nominee 
3.	Dr. G. S.N Murthy	Subject Expert 
4.	Dr. S. Rao Chintalapudi	Subject Expert 
5.	Mrs Ch. Suneetha	Subject Expert 
6.	Mr A. Sandeep Teja	Representative from Industry 
7.	M.V. Jeevan Kanth	Member 
8.	G. SubbaLakshmi	Member 
9.	E. Anilkumar	Student 
10.	P. Satyanarayana	Student 

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS & NAAC B)

(Affiliated to Adikavi Nannaya University- Rajahmohendravaram)

KAKINADA

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

BCA/Data Science

RESOLUTIONS

The ACADEMIC YEAR 2022-23

Date: 13/12/2022

I - YEAR (Semesters - I, II)

Resolved to follow the following pattern for examinations

1. Each paper has 40 marks (40%) of internal (Continuous Assessment) (20 + 15 + 5) and 60 marks (60% of the external semester-end examination). (For the Admitted Batch of 2022-23)
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 the college is considered internal examination marks.
4. No minimum pass marks for internal examination
5. In each semester, the student has to possess a minimum attendance of 75%.
6. Students having attendance between 65% and 75% may be permitted to appear in the Semester End/Annual examination on medical grounds only, on payment of Condo nation fee along with a medical certificate from the Government Medical Officer.
7. If a student is detained due to a shortage of attendance i.e. less than 65%, he has to rejoin the semester with prior permission from the university. Such students are not eligible to take a subsequent semester.
8. If the student is absent for an internal examination then his/her internal marks are recorded as zero marks
9. No separate internal examination is conducted for absentees.
10. The minimum pass mark for the external examination is 21 marks out of 60 marks in the external semester-end examination. (For the Admitted Batch of 2022-23).
11. However, the student should secure a minimum of 40 marks out of 100 marks in internal and external examinations put together.
12. Practical examination will be conducted at the end of every semester of the academic year.
13. As per University Guidelines the Internship is Mandatory After Even Semesters (II, IV During Summer Vacation).
14. Resolved to approve VI Semester Internship Program.
15. Resolved to approve upgradation in the Syllabus I, II Semesters.
16. Resolved to Approve Departmental activities for the year 2022-2023
17. Follow the language papers, Life Skill Courses, Skill Development Courses, Major and Core Subjects, and Internships as per Autonomous rules/University norms.
18. 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.

~~(Project/ Seminar/ Activities)~~ Indicates the marks allotted for student activities like attendance, participation in PPTs, Paper presentations, Seminars, quizzes, Group discussions, Assignments and E-Courses (MOOCS) ... etc.

~~(Mid marks, Attendance)~~

  
UNIVERSITY NOMINEE

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AUTONOMOUS & NAAC-B)**  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA - 533002.**  
**Department of Computer Science**

**Course: BCA/Data Science (SKILL PAPERS)**  
**Model blueprint for the model paper and choice**

**B) QUESTION PAPER MARKS: 50**

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 Short Questions	8	5	40	4	5	20
2	Part- B Essay Questions	5	10	50	3	10	30
<b>TOTAL</b>				<b>90</b>	<b>TOTAL MARKS</b>		<b>50</b>

$$\text{Percentage of choice given} = \frac{100 - 50}{100} \times 100 = \frac{40}{100} \times 100 = 44\%$$

*7-6 Subbalakshmi*  
*Chair*  
*Chair*

*P. Venkatesh*  
**CHAIRMAN**

*R. G.*  
**UNIVERSITY NOMINEE**



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(AUTONOMOUS & NAAC-B)

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(\*\*Academic effective admitted batch from 2022-23 onwards)

A) QUESTION PAPER MARKS: 60

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
TOTAL				112	TOTAL MARKS		60

$$\text{Percentage of choice given} = \frac{112 - 60}{112} \times 100 = \frac{52}{112} \times 100 = 46.42\%$$

*G. Subbalakshmi*  
*Chairman*  
*GSSU*

*P. Venkatesh*  
**CHAIRMAN**

*[Signature]*  
**UNIVERSITY NOMINEE**