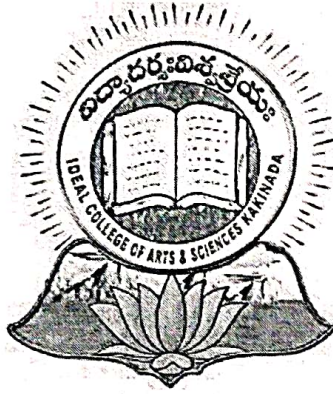


**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**BOARD OF STUDIES**

**2023 – 2024**



**DEPARTMENT OF PHYSICS**

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr.P.V.N.RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

Dt. 15.09.2023

## Board of Studies of Physics - 2023-2024

### Meeting Notice

A meeting of Board of Studies of the Department of Physics will be held on 15.09.2023 in Department of Physics at 11AM, Department of Physics, Ideal College of Arts and Sciences


(Autonomous), Samalkot Road, Kakinada, to consider the following Agenda.

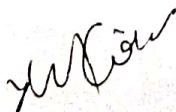
You are cordially invited to attend the meeting and make it a success.

### 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 Improve Method of Teaching and Learning
3. To discuss on research, teaching extension and other academic activities in the department.
4. To approve the course structure, syllabi and model paper for the I, II, III, IV & V Semesters.
5. To implementing ICT Classes.
6. To Prepare E- content in teaching and learning material.
7. To carry out Extension activities for all students.
8. To have MOU with institutions/organizations /NGO/Corporate and Pvt. Firms etc..
9. To attend FDP for upgrading /empowering the faculty.
10. Approval of syllabus for I, II, III, IV & V Semesters.
11. To Approve the Internship for the VI semester.
12. Scheme of Examinations for both internal & external Examinations.
13. The syllabus of each paper is divided into two semesters each paper has 25% internal, 15% Project and 60% Semester for I, II, III & IV semesters
14. The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% semester for V semesters.
15. Approval to action Plan of department Activities for the year 2023-2024.
16. Approval for certificate Course.
17. Approval of skill Course.
18. Approval of Syllabus and Model paper for II semester (minor)
19. Other Academic Activities of the Department
20. Any other matter with permission.

Principal  
Ideal College of Arts & Sciences (AI)  
KAKINADA  
Principal


  
15.9.23





V. A. Dhanu

G. R. 15-9-2023



IDEAL COLLEGE OF ARTS AND SCIENCES  
(Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
SAMALKOT ROAD, KAKINADA  
DEPARTMENT OF PHYSICS  
BOARD OF STUDIES OF PHYSICS- 2023-2024

Minutes of the meeting of Board of Studies of Physics held on 15.09.2023 in the Department of Physics in the College premises.

**Sl.No. Members Present**

- |    |                     |          |
|----|---------------------|----------|
| 1. | Sri G.Raju          | Chairman |
| 2. | Kum M.Siri          | Member   |
| 3. | Sri.S.Ayyappa Swamy | Member   |
| 4. | Kum. V.N.Bargavi    | Member   |
| 5. | Smt. A. Geethanjali | Member   |
| 6. | Kum.E.Bhargavi      | Student  |

**Signature**

*Sri G. Raju* 15-9-2023

*M. Siri*

*Sri S. Ayyappa Swamy*

*V.N. Bhargavi* 15/9/23

*A. Geethanjali*

**Adikavi Nannayya University Nominee**

- 1 Dr.S.V.G.V.A.Prasad  
Prof.of Physics  
P.R.Govt.College,  
Kakinada,E.G.District,7780201394.  
Email: dr.svgvprasad@gmail.com.

**Members from other Colleges. Subject experts**

2. Sri V.Venkateswara Rao  
Asst.Professor of Physics  
Prism Degree And P.G College  
Visakhapatnam  
Cell No: 9885118249  
vvrvojvpdc@gmail.com.

- 3 Sri.Srinivas Sidhireddy  
Asst.Professor&Hod Of Physics,  
Dr.S.R.K.Govt.Arts College,Yanam  
UT Of Puducherry,  
Cell No. 9247235457  
vass4@gmail.com

**Industry / Scientific Organisation**

4. Sri Sudarshan,  
Plot. No. 34 & 35,  
Andhra E.lectronics,  
Industrial Development area,  
Ramanayyapeta,  
Kakinada - 533 005.  
Cell No. 98662 60804.  
E Mail : bsu@andhraelec.com

**Alumni Member.**



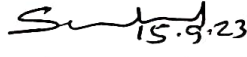


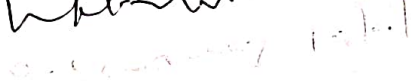


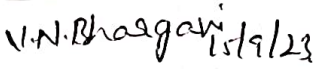

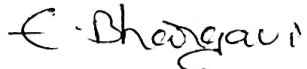
5. Sri Y.S.V. Kiran, Lecturer in Physics,  
A.P.Model School Govt. Junior College,  
SANKHAVARAM,Cell No. 94401 27168.  
E Mail: yshukiron@gmail.com

PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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Samalkot Road – Kakinada

The syllabus and model question papers in Physics subject for B.Sc. Course for the Semester I, II, III, IV, and V in the academic year 2023-2024, list of Examiners and paper setter, department activities is approved in the Board of Studies meeting held in the department of Physics on 15.09.2023. at 11.00 A.M.

Sl.No.	Member of Board of Studies	Signatures of Members
1.	G.Raju Chairman	
2.	Dr.S.V.G.V.A.Prasad University Nominee	
3.	Sri B. Sudarsan Representative from industry	
4.	Sri Y.S.V. Kiran Alumni	
5.	Sri V.Venkateswara Rao Expert	
6.	Sri.Srinivas Sidhireddy Expert	
7.	Kum M.Siri Member	
8.	Sri.S.Ayyappa Swami Member	
9.	Kum. V.N.Bhargavi Member	
10.	Smt Smt. A. Geethanjali Member	
11.	Kum.E.Barghavi Student Member	

IDEAL COLLEGE OF ARTS AND SCIENCES  
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Dr. P.V.N. RAJU VIDYAPRANGANAM  
Samalkot Road, KAKINADA

DEPARTMENT OF PHYSICS

BOARD OF STUDIES OF PHYSICS- 2023-2024

The Board of Studies for the Department of Physics for the year 2023-2024 is constituted with the following members.

Sl.No. Members Present

1. Sri G.Raju
2. Kum M.Siri
3. Sri.S.Ayyappa Swamy
4. Kum. V.N.Barghavi
5. Smt. A. Geethanjali
6. Kum.E.Barghavi

Chairman  
Member  
Member  
Member  
Member  
Student Member

Signature

E. R. Raju 15/9/23  
M.Siri  
Sri.S.Ayyappa Swamy  
V.N.Barghavi 15/9/23  
A. Geethanjali  
E. Barghavi

Adikavi Nannayya University Nominee

Dr.S,V.G.V.A.Prasad  
Prof.of Physics  
P.R.Govt.College,  
Kakinada,E.G.District,  
7780201394.  
Email: [dr.svgvapasrad@gmail.com](mailto:dr.svgvapasrad@gmail.com)

Members from other Colleges.

2.Sri V.Venkateswara Rao  
Asst.Professor of Physics  
Prism Degree And P.G College  
Visakhapatnam  
Cell No; 9885118249  
Email: [vraojgvpdc@gmail.com](mailto:vraojgvpdc@gmail.com)

3. Sri.Srinivas Sidhireddy  
Asst.Professor&Hod Of Physics,  
Dr.S.R.K.Govt.Arts College,Yanam  
UT Of Puducherry.  
Cell No. 9247235457  
Email: [vssd4@gmail.com](mailto:vssd4@gmail.com)

Industry / Scientific Organisation

4. Sri Sudarshan,  
Plot. No. 34 & 35,  
Andhra Electronics,  
Industrial Development area,  
Ramannayyapeta,  
Kakinada - 533 005  
Cell No. 98662 60804.  
E Mail : [bsn@andhraelec.com](mailto:bsn@andhraelec.com)

Alumni Member.

5.Sri Y S V. Kiran, Lecturer in Physics,  
A.P.Model School Govt. Junior College,  
SANKHAVARAM,Cell No. 94401 27168.  
E Mail: [ysebhukiron@gmail.com](mailto:ysebhukiron@gmail.com)

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

# 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 2023-2024).

1. The members present discussed the Syllabus relating to all semesters including Practical in physics and proposed the following resolutions

2. resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG Course Structure CBCS pattern n w.e.f. 2020-21 Admitted batch.

3. Resolved to approve the syllabus and the model question paper . for the II semester (minor) (syllabus for the II semester recommended by APSICHE along with up gradation

Of the syllabus. Additional inputs and change in the syllabus for the admitted batch 2023-2024)

4. 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

5. Resolved to approve the syllabi of practical and model paper for the I, II, III, IV & V Semesters

6. 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
- b) (I A) 15% Project and 60% (S E) for I, II, III & IV semester.
- c) The syllabus of each paper is divided in to two semesters each paper has 30% internal and 70% semester for V semester.
- d) During each semester two Internal Examinations for each paper will be conducted as per schedule.
- e) 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, III & IV Semesters .
- f) 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 V Semesters .
- g) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
- 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) The pattern of semester examinations and practical I, II, III, IV, V is here with Approved.
- j) Resolved To Approve Internship For VI Semester Examination
- k) 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.

7. Resolved to approve the panel of paper setters and examiners as appended here with.

8. Resolved to approve the Skill Development Course on Electrical Appliances in 1<sup>st</sup> semester as per APSICHE.



9. Resolved to approve the Skill Development Course on Solar Energy in 2<sup>nd</sup> semester as per APSCHE
10. Resolved to approve the certificate course on Soldering & De-soldering in 3<sup>rd</sup> semester.
11. Resolved to approve the Departmental activities for the year 2023-2024.
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 2023-2024 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.
13. Improve methods of teaching & learning
14. To discuss on Research, teaching extension and other academic activities in the department.
15. Implementing ICT classes.
16. To prepare of Eco-Content in teaching & learning material.
17. To carry out extension activities of all students.
18. To have MOU with institution/organizations/NGO/Corporate and pvt. Firms etc..
19. To attend FDP for upgrading/ empowering the faculty.
20. To discuss about the introduction of new courses/ Restructured courses.

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15.9.23

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V.N. Bhargavi  
15/9/23

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15/09/23

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C. Bhargavi