

PHYSICS

80

ACADEMIC YEAR

2024-2025

Date:- 27-07-2024

Time:- 10 AM

Board of studies meeting held on 27-07-2024
at 10-AM.



DEPARTMENT OF PHYSICS SRI Y N COLLEGE (A), NARSAPUR LIST OF CHAIRMAN & MEMBERS BOARD OF STUDIES 2024-2025



1. LIST OF CHAIRMAN & MEMBERS:

01. A.P.V.APPA RAO, HOD of Physics & CHAIRMAN
02. Dr. L Malleswara Rao, Lecturer in Physics & MEMBER
03. Sri. P Rama Krishna Rao, Lecturer in Physics & MEMBER
04. Sri. Ch. Sundar Singh, Lecturer in Physics & MEMBER
05. Sri M.S.Ranganayakulu, Lecturer in Physics & MEMBER
06. Kum V Durga Sandhya, Lecturer in Physics & MEMBER
07. Sri K Naveen Kumar, Lecturer in Physics & MEMBER
08. Sri M Shankar, Demonstrator in Physics & MEMBER

2. UNIVERSITY NOMINEE: **Dr. K. SRINIVASA RAO**, Lecturer-in-charge,
Physics Department, Govt. Degree College, Mandapeta
College mail id: jkrjyec.mandapet@gmail.com
Email: ksrphy@vsm.edu.in, Cell: 9959858999.

3. SUBJECT EXPERTS:

1. **Sri S SRINIVASA RAO**, Department of Physics,
SVKP & Dr KS Raju Arts & Science College (A),
Penugonda, W.G.Dt. AP.
Email: seelamsettisvvp@gmail.com, Cell: 9951990869.

2. **Dr. G.SRINIVASA RAO**, Lecturer in Physics,
Government Degree College (A),
Rajahmundry, W.G.Dt. AP.
Email: gubbalaphysics2004@gmail.com, Cell: 6305268681.

4. SCIENTIST:

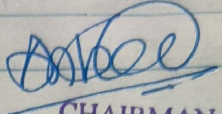
Dr. G. CHINA SATYANARAYANA, Scientist & Associate
Professor, K L University, Centre for Atmospheric Science,
Green Fields, Vaddeswaram-522502, Guntur District. A. P.
Email: chinna.satyanarayana@gmail.com, Cell: 9492821151.

5. ALUMNUS:

Dr. VVS NAIDU, Department of Physics,
Swarnandhra College of Engineering,
Narsapur-534275, W.G.Dt. A.P
Email: vvsnaidu66@gmail.com, Cell: 9704824001.

Members Present:-

- 1) Dr. A.P.V. Appa Rao -
- chairman.
- 2) Dr. K. Srinivasa Rao,
University Nominee,
GDC, Mandapeta.
- 3) Sri S. Srinivasa Rao,
Subject expert,
SVKP & Dr KS Raju A & S college,
Penugonda.
- 4) Dr. G. Srinivasa Rao,
Subject Expert,
GDC (A), Rajahmundry.
- 5) Dr. G. China Satyanarayana
Scientist & Associate Professor,
K.L. University, Vaddegararam,
Guntur.
- 6) Dr. VVS Naidu, Dept. of Physics,
Swarnandhra College of Engineering,
Narsapur.
- 7) Dr. L. Malleswara Rao,
Sri YN College, Narsapur.

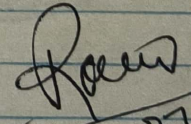

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF PHYSICS
Sri Y.N. College (Autonomous)
Accredited by NAAC at A+ Grade (4th Cycle)
NARSAPUR - 534 275

Attended online

Attended online

Attended online

Attended online


27/7/2024

8) Sri P. Rama Krishna Rao,
Sri Y.N. College, Narsapur.

P. Rama Krishna Rao
27/7/2024

9) Sri Ch. Sundar Singh,
Sri Y.N. College, Narsapur.

Ch. Sundar Singh
27/7/24

10) Sri M. S. Ranganayakulu,
Sri Y.N. College, Narsapur.

M.S.R. Rangaiah

11) K. V. Durga Sandhya,
Sri Y.N. College, Narsapur.

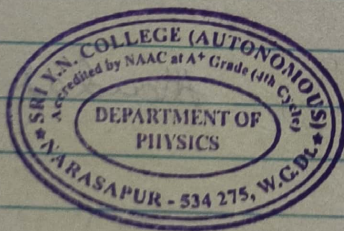
V. Durga Sandhya
27/7/24

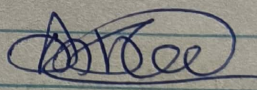
12) Sri K. Naveen Kumar,
Sri Y.N. College, Narsapur.

K. Naveen Kumar
27/7/24.

13) Sri M. Shankar,
Sri Y.N. College, Narsapur.

M. Shankar




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(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Accredited by NAAC at 'A' Grade (IV Cycle)

NARRAPUR 534 275, W.G.DL., A.P.,



Date: 22-07-2024

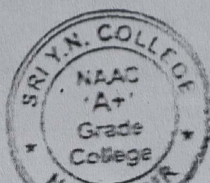
NOTICE

All the Heads of the Departments are requested to go through the agenda for the Board of Studies meeting for the academic year 2024-2025 of your respective departments and see that they are discussed thoroughly and the respective resolutions are recorded in the minutes book of the respective departments.

AGENDA:

1. To prepare the syllabi and model question papers for the degree I, II, III and IV years for the academic year 2024-25 by making appropriate modifications (above or equal to 20%) to the University syllabus.
2. To continue the ratio of CIA to SEE 40:60 and the division of marks among the sections in CIA and SEE as approved in the BOS meeting of previous Academic year 2023-2024.
3. To prepare the syllabi and model question papers for Add-on courses, Certificate courses for the academic year 2024-2025.
4. To prepare syllabus for Bridge course for the newly admitted students.
5. To prepare course outcomes, programme outcomes and programme specific outcomes for the degree I, II, III & IV years for the academic year 2024-2025.
6. To discuss the modalities for conducting the Social Immersion Programme (Community Service Project) at the end of the 1st year degree, short-term Internship/Project at the end of second year degree and Semester Internship during V (or) VI semester in III year degree course.
7. To discuss the modalities and topics for conducting Seminars/Workshops & Faculty Development Programmes (FDP).
8. To discuss about online courses to be done by the students and staff.
9. To discuss about staff research work and publications in the UGC recognised journals.
10. To discuss about getting functional MOUs with the industry.
11. To discuss the feasibility of developing collaborations with other Colleges.
12. To evolve a plan of action for the Consultancy activity.
13. To discuss about ICT enabled teaching to the students.
14. To discuss to utilise Media Centre for delivering lectures online by the teaching staff members.
15. Any other item with permission of the chair.

Ch. A.V. Ratna Prasad
MEMBER SECRETARY



C. K. Kameswari
PRINCIPAL

PRINCIPAL
Sri Y.N. College (Autonomous)
NAAC Accredited A+ Grade College
(4th Cycle)





DEPARTMENT OF PHYSICS
SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR
(Affiliated to Adikavi Nannaya University, Rajamahendravaram)
Accredited by NAAC at 'A+' Grade (IV Cycle)



2024-2025

[For IV year - 2021-22, III year - 2022-23, II year - 2023-24 and I year - 2024-25 admitted batches]

RESOLUTIONS OF BOARD OF STUDIES MEETING

Dt. 27.07.2024 at 10am

The Board of Studies (BOS) meeting for the academic year 2024-25 was held in the department of Physics through on line mode at 10am with all the members of BOS, discussed the Agenda points and concluded the following **Resolutions** as per the norms and the guidelines of Andhra Pradesh State Council of Higher Education (APSCHE), Vijayawada and Adikavi Nannaya University (ANUR), Rajamahendravaram.

Resolutions

- a) It is resolved to implement I year Theory Syllabi, Practical Experiments, Model Question papers and Question Banks as adopted in the previous BOS as per NEP 2020 guidelines, for

Semester-I – Major Course-1 - “**Essentials and Applications of Mathematical, Physical and Chemical Sciences**”, Course-2 - “**Advances of Mathematical, Physical and Chemical Sciences**” and Multidisciplinary Course - “**Principles of Physical Sciences**”

Semester-II – Major Course-3 - “**Mechanics and Properties of Matter**”, Course-4 - “**Waves and Oscillations**” and Minor Course-1 - “**Mechanics and Properties of Matter**” w.e.f. academic year 2023-24 by making about 20% modifications to University syllabi.

- b) It is resolved to adopt and implement II year Theory Syllabi, Practical Experiments, Model Question papers and Question Banks as per NEP 2020 guide lines, for

Semester-III – Major Course-5 - “**Optics**” Major Course-6 - “**Heat and Thermodynamics**”, Major Course-7 - “**Electronic Devices and Circuits**”, Major Course-8 - “**Analog and Digital Electronics**” and Minor Course-2 - “**Optics**”

Semester-IV – Major Course-9 - “**Electricity and Magnetism**”, Major Course-10 - “**Modern Physics**”, Major Course-11 - “**Introduction to Nuclear and Particle Physics**”, Minor Course-3 - “**Electricity and Magnetism**” and Minor Course-4 - “**Modern Physics**” w.e.f. academic year 2024-25 by making about 20% modifications to University syllabi.

- c) It is resolved to implement III year Theory Syllabi, Practical Experiments, Model Question papers and Question Banks as per New Choice Based Credit System (CBCS), for

Semester-V -- Paper-VIB - “**Low temperature Physics & Refrigeration**” and Paper-VIIB - “**Solar Energy and Applications**” w.e.f. academic year 2022-23 by making about 20% modifications to University syllabi.

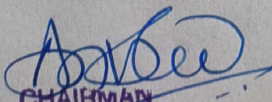
Semester-VI – Internship / On Job Training / Project work

- d) It is resolved to implement IV year Theory Syllabi, Practical Experiments, Model Question papers and Question Banks as per New Choice Based Credit System (CBCS), for **Semesters VI and VII** w.e.f. academic year 2021-22 by making about 20% modifications to University syllabi.

- e) It is resolved to conduct ‘Social Immersion Program (Community Service Project)’ at the end of I year and ‘Short Term Internship/Project’ at the end of II year during the ‘Summer Vacation’.

2. It is resolved to continue the ratio of Internal Assessment (CIA) and Semester End Examinations (SEE) as 40:60 as approved in the BOS meeting of previous academic year 2023-2024.
3. Discussed and approved the syllabi and model question paper for Certificate Course **"Refrigeration and Air conditioning"** for the academic year 2024-25.
4. Discussed and approved syllabus for Bridge Course for the newly admitted students.
5. Discussed and Approved Course Outcomes, Programme Outcomes and programme specific Outcomes for the I,II,III & IV years for the academic year 2024-25.
6. Discussed the modalities for conducting the social immersion program (Community Service Project) which is scheduled to be conducted at the end of 1st year degree. Short Term Internship/Project at the end of second year degree and Semester Internship during VI semester in III year degree course.
7. Discussed the modalities and various topics for conducting Seminars/Workshops & Faculty Development Programme (FDP) and resolved to conduct a Seminar/Workshop or FDP related to Research methodology/Intellectual Property Rights (IPR) on the topics of **'Solar Energy Materials'** or **'Advanced Energy Materials'** or **'Renewable Energy'**
8. It is resolved to encourage the staff and the students to complete 'Online courses' offered through MOOCS, SWAYAM & LinkedIn portals.
9. It is discussed and resolved that the staff members should make good effort to have their publications in the Scopus, Web of Science, SCI and peer reviewed journals recognized by UGC.
10. It is advised to get functional 'MoU's with the Industry and make field visits by taking the students to companies and also invite industry people to the college for giving awareness to the students on job opportunities.
11. The College has entered into the Academic Collaboration with Sir C. R. Reddy College (A), Eluru on 27-10-2021. Hence, it is resolved to organize Guest lectures/ Student Seminars/Student Exchange Programs. It is resolved to evolve a plan of action for the consultancy activity by approaching the business organizations in the district and discussed about the feasibility of developing collaborations with other Colleges.
12. Discussed about a plan of action for the Consultancy activity.
13. It is resolved that the staff members are advised to make use of ICT enabled classrooms twice per week.
14. Discussed how to utilize Media Centre for delivering lectures online by the teaching staff members.
15. It is resolved to authorize the Chairman, Board of Studies to strengthen the syllabi and model papers of theory and practical examinations keeping in view the latest developments in consultation with other members of the department. Any further guidelines/instructions from APSCHE/ University are to be adopted as communicated.

Signatures


 CHAIRMAN
 BOARD OF STUDIES
 DEPARTMENT OF PHYSICS
 SRI Y.N. COLLEGE (AUTONOMOUS)
 NAAC ACCREDITED 'A' GRADE COLLEGE
 NARSAPUR - 534 275

