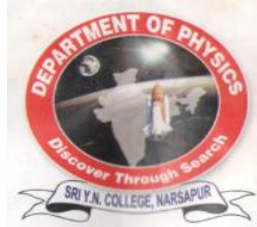




Board of Studies Meeting
2022-2023
Date: 03-09-2022



Department of Physics
Sri Y.N.College (A)
Narsapur

PHYSICS
ACADEMIC YEAR 2022-2023

60

Date: 03-09-2022

Time: 10 AM

Board of studies meeting held on 03-09-2022
at 10 AM



**DEPARTMENT OF PHYSICS
SRI Y N COLLEGE (A), NARSAPUR
LIST OF CHAIRMAN & MEMBERS
BOARD OF STUDIES 2022-2023**



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. Smt P Rajeswari, Lecturer in Physics & MEMBER
06. Kum G Suvarchala Devi, Lecturer in Physics & MEMBER
07. Sri M.S.Ranganayakulu, Lecturer in Physics & MEMBER
08. Kum V Durga Sandhya, Lecturer in Physics & MEMBER
09. Sri A. Rajesh, Lecturer in Physics & MEMBER
10. Sri K Naveen Kumar, Lecturer in Physics & MEMBER
11. 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.nandapet@gmail.com
Email: ksr.vsmc@gmail.com, jkrjyec.mandapet@gmail.com
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, Department of Physics,
Sri A.S.N.M Govt. Degree College (A), Palakol,
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: vyvsnaidu66@gmail.com, Cell: 9704824001

Members Present :

1) Dr. L. Malleswara Rao
- chairman.

R. Rao
3/9/22

2) Dr. K. Srinivasa Rao,
Govt. Degree College,
Mandapeta

K. S. Rao
3/9/22

3) Sri S. Srinivasa Rao,
SVKP of Dr. K. S. Rao A&S College,
Penugonda.

S. S. Rao
3/9/2022

4) Dr. G. Srinivasa Rao,
A.S.N.M. GDC,
Palakol.

G. S. Rao
3/9/2022

5) Dr. G. Chinnasa Satyanarayana
Scientist & Associate Professor,
K.L. University, Vaddegarawan,
Guntur.

6) Dr. V.V.S. Naidu,
Swarandhra College of Engineering,
Narsapur.

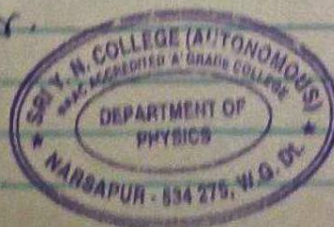
V.V.S. Naidu

7) Sri P. Ramakrishna Rao,
Sri YN College, Narsapur.

P. Rao

8) Sri Ch. Sundara Singh,
Sri YN College, Narsapur.

Ch. Sundara Singh



9) Smt. P. Rajeswari,
Sri YN college, Narsapur.

P. Rajeswari 3/9/22

10) Kum. G. Suvarchala Devi,
Sri YN College, Narsapur.

G. Suvarchala Devi 3/9/22

11) Sri M.S. Ranganayakulu,
Sri YN college, Narsapur.

M.S. Ranganayakulu 3/9/22

12) Sri A. Rajesh,
Sri YN college, Narsapur.

A. Rajesh 3/9/22

13) Sri K. Naveen Kumar,
Sri YN college, Narsapur.

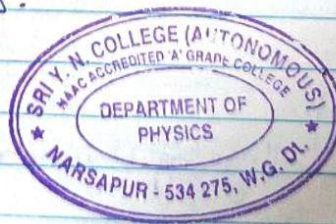
K. Naveen Kumar 3/9/22

14) Kum V. Durga Sandhya,
Sri YN college, Narsapur.

V. Durga Sandhya 3/9/22

15) Sri M. Shankar,
Sri YN college, Narsapur.

M. Shankar





SRI Y.N.COLLEGE (Autonomous)

(Affiliated to Adikavi Nannaya University)

Thrice Accredited by NAAC at 'A' Grade

Recognised by UGC as 'College with Potential for Excellence'

NARSAPUR-534 275, W.G.Dt.,A.P.,

Date: 23-08-2022

NOTICE

All the Heads of the Departments are requested to go through the agenda for the Board of Studies meeting for the academic year 2022-2023 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 and III years for the academic year 2022-23 by making appropriate modifications (above or equal to 20%) to the University syllabus.
2. To prepare the syllabi and model question papers for Add-on courses, Certificate courses for the academic year 2022-2023.
3. To prepare syllabus for Bridge course for the newly admitted students.
4. To prepare course outcomes, programme outcomes and programme specific outcomes for the degree I, II & III years for the academic year 2022-2023.
5. To discuss the modalities for conducting the Social Immersion Programme (Community Service Project) at the end of the 1st year degree, Internship/Project at the end of second year degree and Internship during V semester or VI semester for III year degree students.
6. To discuss the modalities and topics for conducting Seminars/Workshops.
7. To discuss the issue of online courses to be done by the students and staff.
8. To discuss the staff publications in the UGC recognised journals.
9. To discuss the issue of getting functional MOUs with the industry.
10. To discuss the feasibility of developing collaborations with other Colleges.
11. To evolve a plan of action for the Consultancy activity.
12. To discuss about ICT enabled teaching to the students.
13. Any other item with permission of the chair.

Ch. R. V. Kumar Prasad
MEMBER SECRETARY

[Signature]
PRINCIPAL
Sri Y.N.College (Autonomous)
NAAC Accredited 'A' Grade College
NARSAPUR - 534 275, W.G.Dt., (A.P.)



SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR

(Affiliated to Adikavi Nannaya University)

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For 2022-2023 Admitted Batch [2020-21 Admitted Batch onwards]



BOARD OF STUDIES MEETING

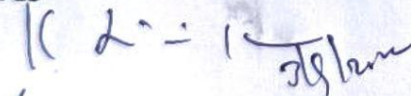

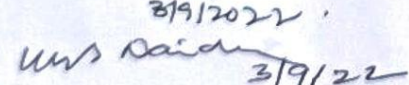
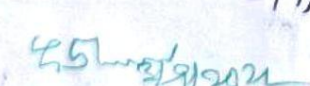

Resolutions:

1.
 - a) It is resolved to adopt and implement new B.Sc., Physics syllabus as prescribed by APSCHE and Adikavi Nannaya University, Rajamahendravaram w.e.f 2020-21 and ratify the minutes of Department Board of Studies meeting held on 03-09-2022 in the Physics department.
 - b) It is resolved to approve I B.Sc., Physics syllabus (Theory, Practical and Model Question paper), Semester-I, Paper-I i.e., "**Mechanics, Waves and Oscillations**" and Semester-II, Paper-II i.e., "**Wave Optics**" w.e.f. academic year 2020-21 as prescribed by the APSCHE and ANUR for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.
 - c) It is resolved to approve II B.Sc., Physics syllabus (Theory, Practical and Model Question paper), Semester-III, Paper-III i.e., "**Heat and Thermodynamics**", and Semester-IV, Paper-IV i.e., "**Electricity, Magnetism and Electronics**", Paper-V "**Modern Physics**" w.e.f. academic year 2021-22 as prescribed by APSCHE and ANUR for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.
 - d) It is also resolved that, under the Structure of Skill Enhancement Courses (SECs) for Semester -V, to choose one pair from the three alternative of SECs. In the V Semester, members of of BOS have chosen two papers. One paper, **Paper VI "Low temperature Physics & Refrigeration"** and the other, **Paper VII "Solar Energy and Applications"** w.e.f. academic year 2022-23 as prescribed by APSCHE and ANUR.
 - e) It is resolved to approve III B.Sc., Physics syllabus (Theory, Practical and Model Question paper), Semester-V, Paper-VI i.e., "**Low temperature Physics & Refrigeration**", and Semester-V, Paper-VII i.e., "**Solar Energy and Applications**", w.e.f. academic year 2022-23 as prescribed by APSCHE and ANUR for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.
 - f) It is resolved to continue the syllabus of "**Solar Energy**" the Skill Development Course (SDC) in the II Semester of all I B.Sc., courses w.e.f. the academic year 2020-21 for the academic year 2022-2023 by making appropriate modifications (above or equal to 20%) to the University syllabus.
2. It is resolved to approve I B.Sc., Semester-II Physics Certificate Course syllabus (Theory and Model Question paper), i.e., "**Refrigeration and Air conditioning**" w.e.f. 2014-2015 for the academic year 2022-2023.
3. It is resolved to approve the Bridge Course Syllabus for newly admitted Batch for the academic year 2022-2023
4. It is resolved to approve Course Outcomes (CO's), Programme Outcomes (PO's) and Programme Specific Outcomes (PSO's) for the syllabi of degree I,II & III years for the academic year 2022-2023.
5.
 - a) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programme (Community Service Project) at the end of the I year degree for the academic years 2020-2021, 2021-2022 and 2022-2023 w.e.f 2020-2021, as per the guidelines given by APSCHE.
 - b) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programme i.e., Internship/Project at the end of the

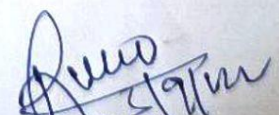
II year degree for the academic year 2021-2022 w.e.f 2021-2022, as per the guidelines given by APSCHE.

- c) It is resolved through discussion, designed the procedure to be adopted for conducting the Social Immersion Programme i.e., Internship during V semester or VI semester for III year degree students at the end of V semester for the academic year 2022-2023 w.e.f 2022-2023, as per the guidelines given by APSCHE depending upon the choice of the student.
6. Discussed various topics for seminars/workshops and resolved to conduct a Seminar/workshop on **"Nanomaterials and its applications" or "Renewable Energy Resources-Solar Energy"**.
 7. It is resolved that the online courses like MOOCS, SWAYAM and courses offered by Spoken tutorial should be done by the Staff and students.
 8. Discussed regarding the staff publications. It is resolved that the staff members should make good effort to have their publications in the UGC Care List journals, Web of Science and Scopus Indexed Journals.
 9. It is resolved to make functional MoU's with various industries and make field visits by sending the students to companies and also invite industry people to the college for giving awareness to the students on various aspects like skill enhancement and job opportunities etc.
 10. The department of Physics has MOU/Collaborations with other colleges i.e., Deepthi Degree College, Mamidikuduru, a mentee college, SVKP & Dr K S Raju Arts & Science College (A), Sri DNR Govt. Degree College, Palakol and ASNM Govt Degree College (A), Palakol. It is resolved to deliver guest lecturers/Student seminars/Student Exchange programs to the students of Deepthi Degree College, Mamidikuduru, SVKP & Dr K S Raju Arts & Science College (A), Sri DNR Govt. Degree College, Palakol and ASNM Govt Degree College(A), Palakol by the faculty members of Physics.
 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 resolved to evolve a plan of action for the consultancy activity by approaching the business organizations in the district.
 12. It is resolved use ICT enabled Tools for effective teaching to the students.
 13. It is resolved to authorize the Chairman, Board of Studies to strengthen the syllabus 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

- 1) 
- 2) 
3/9/2022
- 3) 
3/9/22
- 4) 
3/9/2022
- 5) 




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

