

Staff Meeting of the department of physics.

Date: 02.01.2023

The faculty members of the department of physics were met in the office of the department under the headship of Sri V.S. Bhagawan Netheti, the meeting was held on 02.01.2023 at 4:00pm and the following resolutions were taken.

1. Review of syllabus coverage according to the academic schedule
2. conduction of remedial classes for slow learners
3. conduction of P.G entrance coaching classes
4. conduction of midsemester-2 examination valuation and posting of marks in the record as per SOP.
5. conduction of learner centric activities like student seminars, peer teaching, quizzes, JAM group discussions and student assignments allocation.

Prof. V.S. Bhagawan Netheti
H.O. Physics





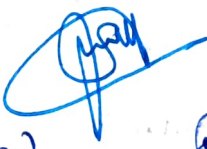
H. Soudheer
H.O.

Staff Meeting of the department of physics

Date: 01.02.2023

The faculty members of the department of physics were met in the office of the department under the leadership of Sr. V.S. Bhagavan. Netheti, the meeting was held on 01.02.2023 at 4:00pm and the following resolutions were taken.

1. Review of syllabus coverage according to the academic schedule
2. Conduction of remedial classes for slow learners
3. Conduction of P.G entrance physics coaching classes for final year students.
4. Attending of invigilation duties as per the duty chart of the end semester examinations
5. Celebrating National science day on 28.02.2023 with an invited talk.
6. Arranging guest lectures on advanced topics in physics


H. Subbarao
H/c physics



H. Subbarao
H/c

Staff meeting of the department of physics

Date: 01.03.2023

The faculty members of the department of physics were met in the office of the department under the leadership of Sr. N.V.S. Bhagawan, the meeting was held on 01.03.2023 at 4:00pm and the following resolutions were taken.

1. Allocation of theory papers to the lecturers for II, IV and VI semesters

Wave optics IBSc (MPC & MPES) — N.V.S. Bhagawan

Electricity Magnetism and Electronics — Dr. T. Savana Latha
for IBSc (MPC & MPES)

Modern physics for IBSc (MPC & MPES) — B. Nageswar Rao

Mathematical physics - I CC-3

Quantum mechanics and Applications CC-8

Statistical mechanics and CC-11

Electromagnetic theory

Electricity and Magnetism CC-4

Solid state physics CC-9

Essentials of analog and CC-10

Digital systems and applications

Minor physics - 1 for IBSc chem honours

Minor physics - 2 for IBSc chem honours

Thermal physics CC-7

H. Sudheer

Dr. S. Kiran Mayi

A. Raju

Continuation....

2. Conduction of student centric activities like student Seminars, Elocution, Quizzes, JAM group discussions, and allocation of assignments to the students on regular basis.
3. Conduction of remedial classes for slow learners
4. Arrangement of guest lectures on various advanced topics in physics
5. Conduction of practicals on regular basis as per time table.
6. Conduction of solar energy classes

Table
I/c physics



H. Sudhakar
H. S.



Staff meeting of the department of physics

Date: 01.04.2023

The faculty members of the department of physics were met in the office of the department under the headship of Sr. U.S. Bhagavann. Netheti, the meeting was held on 01.04.2023 at 4:30 pm and the following resolutions were taken unanimously.

1. Review of syllables coverage according to the academic schedule.
2. Conduction of remedial classes for slow learners
3. Conduction of P.G entrance physics exam coaching classes regularly.
4. Conduction of mid semester -1 examinations evaluation of papers and posting of marks in the record as per SOP.
5. Arrangement of guest lectures on advanced topics in physics.
6. Conduction of student centric activities like student seminars, quizzes, group discussions, JAM and allocation of assignments to the students on regular basis

publ
I/c physics

Sr.

H. Sudheer
Chair
[Signature]

Resolution of staff meeting

21.04.2023

All the lecturers in department of physics are met on 21.04.2023 at 3:30pm under the leadership of sci. N.V.S. Bhagavan and resolved the following points.

The following NAAC criterions will be undertaken by the lecturers as mentioned

1. NAAC criterions 1 and 7 by N.V.S. Bhagavan
2. NAAC criterions 2 by sci. ~~B. Nageswara~~ Nageswara Rao
3. NAAC criterion 3 by Dr. T. Seelamma Latha
4. NAAC criterion 4 by sci. H. Sudheer
5. NAAC criterion 5 by sci. A. Raju
6. NAAC criterion 6 by sci. Dr. S. Kiranmai



21.04.2023

 21/4/2023





H. Sudheer
Rao

Staff Meeting of the Department of physics

01.05.2023

The faculty members of the department of physics were met in the office of the department under the leadership of Soc. V.S. Bhagawan Netheti, the meeting was held on 01.05.2023 at 4:00pm and the following resolutions were taken unanimously.

1. Review of syllabus coverage as per the academic schedule.
2. Conduction of remedial classes for slow learners
3. Conduction of practical classes for Dr. B.R. Ambedkar open university students
4. Conduction of theory classes for A.U. distance U.G. students
5. Conduction of student centric activities like student seminar, group discussion, JAM quizzes and allotment of assignments.
6. Upgradation of NAAC records regularly

Heblu
Hk physics



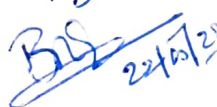
H. S. Bhagawan Netheti

All the Lecturers in the Department of Physics met on 22-05-2023 at 3-30 Pm under the leadership of Sri N.V.S. Bhagaram and resolved the following.

- 1) The department has resolved to convert one of the 3-major B.Sc. Program to 4 year one-major B.Sc. Program with Physics as the major subject from the Academic year 2023-2024.
- 2) The department has resolved to request for the sanction of 4 year one major B.Sc. Program with name "B.Sc. Applied Physics" from the Academic year 2023-2024.
- 3) The department has resolved to offer a total of 6 minor subjects as per the course framework given by "APSCHE".
- 4) The department has resolved to request for the sanction of six lecturer posts in addition to the existing six lecturer posts. i.e. The total number of lecturers required to conduct the above two programs should be 12.


P/c physics

H. Subbar
22/05/2023


B.S. 22/05/23

 22/5/2023



Staff Meeting of the Department of Physics

01.06.2023

The faculty members of the department of physics were met in the office of the department under the leadership of Sr. V.S. Bhagawan. Netheti the meeting was held on 01.06.2023 at 4:00pm and the following resolutions were taken unanimously.

1. Review of syllabus coverage according to the academic schedule.
2. purchase of consumable items like Aspirator bottles, thermometers, Sodium vapor lamp, Mercury lamps, wire bundles from department maintenance fund.
3. Conduction of remedial classes for slow learners
4. conduction of P.G physics entrance exam coaching classes for final year students.
5. conduction of student centric activities
6. Arrangement of invited talks and guest lectures on advanced topics in physics
7. conduction of midsemester-2 examination

Heads
of physics



 H. Sudheer

staff meeting of the department of physics

01.07.2023

The faculty members of the department of physics were met in the office of the department under the leadership of the Sri. V.S. Bhagavan. Netheti, the meeting was held on 01.07.2023 at 4:00pm and the following resolutions were taken unanimously.

1. Review of syllabus coverage as per the academic schedule.
2. Conduction of practical examinations, valuation and posting of marks in the records as per Sop
3. Conduction of remedial classes for slow learners
4. Conduction of P.G physics entrance exam coaching classes for final year students
5. Arrangement guest lectures on advanced topics in physics
6. Attending invigilation duties to semester end examinations as per duty chart given.

Heblu
H/c physics





H Sudheer

01.08.23

The faculty of Physics Department met in the Department of Physics and resolved the following on 01.08.23 at 10.00AM.

Resolutions:

1. Resolved to welcome new incumbents joined on transfers and appreciate and acknowledge services of the staff transferred out.

2. Resolved unanimously to distribute theory work load of Sem II and III as hereunder:

Sem II (PHYSICS)

EA1: Low Temperature Physics.

Smt M. Ramya. M.Rm

EA3: Communication Electronics.

Sri NUS Bhagavan

10/8/23

EB1: Solar Energy and Applications

Dr D. Saravana Kumar

25/8

EB2: Renewable Energy.

Sri M. Rajeswar

EC2: Nuclear and Particle Physics.

Sri B. Nageswara Rao

~~EC3~~

EC3: Advanced Mathematical Physics.

Sri Ch. Rambabu

25/8

Sem I
BSc Regular

MPC P₆: Low Temperature Physics
Sri B. Nageswara Rao

P₇: Solar Energy and Applications
Dr D. Sravana Kumar

MPC P₆: Low Temperature Physics · M. Ranga
Smt M. Ranga.

P₇: Solar Energy and Applications
Sri M. Rajeswara Rao

Sem III
BSc Regular

C₃: Heat and Thermodynamics MPC
Sri H. Rambabu

C₃: Heat and Thermodynamics MPC
Sri N.V.S. Bhagavan

Sem III PHY

C₅: Elements of Modern Physics
Sri B. Nageswara Rao

C₆: Mathematical Physics
Dr D. Sravana Kumar
C₆. Mathematical Physics N.V.S. Bhagavan

Sem I Minor and Major Work Load will be distributed Among.

1. Sri M. Rajeswara Rao
2. ~~Sri NVS Bhagavath~~
3. Dr. D. Sreerang Kumar ~~M. Ramu~~
4. Smt M Ramya
5. Sri Ch. Rambabu

Practical / Lab. Work Load will be distributed Among all the faculty.

~~SR~~

Resolution: 3.

All the faculty are requested to maintain academic records and update NAAC registers.

1. ~~S. S. Kumar~~
2. ~~rooajid~~
3. ~~perflu~~
- 4.
5. M. Ramu
6. C. S. R.

The following Physics faculty are requested to update NAAC seconds criterion wise for the period 17-2023 on war foot basis. as CCC NAAC team is visiting our college in the next week probably Aug 22nd & 23rd.

Criterion I .

- 1) PO's/CO's/PSO of the programmed course offered by the department-
- 2) Syllabus, BOS appraisals, minutes of the meetings
- 3) Add on courses/certificate courses/ Model courses offered by the department (NAAC format need)
- 4) Internships/CSP Project reports, Project Completion certificates
- 5) List of Life skill courses, Skill development courses, Skill enhancement courses offered by the department with Syllabus
- 6) List of courses that include crosscutting issues (human values, Ethics, Environmental etc)
- 7) Feedback forms from stakeholders (Students, Alumni, Teachers, Parents, Employees)

* Criterion - II

- 1) students diversity
 - ① Advanced learners
 - ② slow learners

- 2) catering to students diversity (Advanced learners)

- a) additional inputs
- b) Coaching for Competitive exams, Placet
- c) Group discussions / Quizzes / debates
- d) Students seminars
- e) Peer learning
- f) study projects
- g) Paper presentations

slow learners

- (a) remedial classes
- (b) remedial material
- (c) Previous question papers / question banks

Student centric methods

- (a) ICT tools used
- (b) PPT / Youtube lessons / videos / material prepared by faculty
- (c) Field visits
- (d)

Teaching plan

- 1) Syllabus plan
- 2) Departmental action plan
- 3) Teaching synopsis
- 4) Teaching diary

mentor - mentee lists

mentee profile

Academic track record

Counselling record

Achievements record

CIA registers / Question papers of mid exam /
mid exam time tables

2nd Semester Performance records
Departmental Activity register
Criteria 3

- 1) Departmental vision-mission
- 2) Departmental Equipment
- 3) Research project
- 4) National seminars / ~~Conf~~ Conferences details
- 5) Publications (Papers)
- 6) Awards received / (Extension activities)
- 7) Books Published
- 8) Bibliometrics, citation index and h-index yearwise
- 9) Consultancy
- 10) Collaboration
- 11) MOUs

Criteria -4

- 1) Dept Library
- 2) Laboratory Equipment issue register / student lab attendance register
- 3) Expenditure equipment procurement / maintenance

Criteria 5:

Programmes to HE / placements
Alumni Contributions
Career guidance

Criteria 6: Dept. meetings
Committees involved

Criteria 7: Best practices of the dept.

Resolutions

dt- 18/08/2023

As per the circular received from IQAC of the institution through whatsapp, the following registers/academic records are to be updated on our web portal. CCE NAAC team is going to visit our college during 2nd and 23rd Aug 2023. All records are to be updated during 2017-18 to 2022-2023 period.

Records to be maintained by the Department

- 1) Annual Academic calendar
- 2) Departmental Minutes
- 3) Departmental activity register (Criterion-5)
- 4) Report on Workshops conducted (-3)
- 5) Report on Certificate Courses conducted (-1)
- 6) Report on Guest Lecturers arranged (3)
- 7) Report on Invited Lecturers delivered by teachers (3)
- 8) Report on Poster presentations (2)
- 9) Internship record (1)
- 10) M.O.U's report/ Consultancy Policy/ Collaborative activities (3)
- 11) Pre Bas record (Autonomous) (1)
- 12) B.O.S Book (Autonomous) (1)
- 13) Report on various policies (6)
- 14) Report on Student progression to higher studies (5)
- 15) Report on Extension activities/ community outreach activities (3)
- 16) Best practices (7)
- 17) Result analysis record (2)
- 18) Awards and achievements Register (5)

- 19) Infrastructure and fund sheet (4)
- 20) Seminars/workshops/ other activity (Expenditure Statement - UNC/ autonomy/CPE) (4)
- 21) Report on mentoring (2)
- 22) CIE Record (2)

Also as per the whatsapp message received from ISAC of this Institution, All the teachers are requested to update all individual records (records to be maintained by the Lecturer,

Criterion	- I	Ch. Rambabu	
Criterion	- II	Smt. M. Ramya	M. Ramya
Criterion	- III	N.V.S Bhagavan	
Criterion	- IV	M. Rajeswar Rao	<u>M. Rajeswar Rao</u>
Criterion	- V	B. Nageswara Rao	<u>B. Nageswara Rao</u>
Criterion	- VI	M. Rajeswar Rao	<u>M. Rajeswar Rao</u>
Criterion	- VII	M. Rajeswar Rao	<u>M. Rajeswar Rao</u>
HOD	-	Dr. D. Saravankumar	<u>Dr. D. Saravankumar</u>

1.  P. Kumar 18/8/23

2. M. Rajeswar Rao

3. ~~B. Nageswara Rao~~ 

4. B. Nageswara Rao

5. M. Ramya

6.  Ch. Rambabu 18/8/23

PRE-BOS meeting of the department

Date: 08.09.2023

Pre-BOS meeting is held on 08/09/2023 in the department of physics at 12 noon to discuss issues related to 9th BOS.

The following resolutions are made unanimously.

1. To Present Syllabus, Q.P. model, blue print relating to the Single major Subjects physics and electronics, and minor physics
2. To Present Syllabus of multi-disciplinary Course relating to the departments.
3. To Propose 60:40 External; internal evaluation.
4. To approve CIA scheme
5. To follow awarding ~~the~~ certificate/diploma/degree/honours degree, to the students who successfully completed 1st, 2nd, 3rd and 4th year degree respectively.
6. To approve Dr. P. Swarnalatha and Dr. D.B.R.K Murtuhy both from GPC (W) SKM as other subject experts. from Dr. B.R. Ambedkar University, SKM.
7. The University Subject Expert will be the person nominated by V.C, Andhra University.
8. Modifications proposed in syllabus (less than 20%) are all proposed to be approved.

9. To facilitate the students it is proposed not to alter Syllabus of Common Papers (CP-1, CP-2) and others. It is also resolved to propose the added parts of the syllabus in common papers not to be included for examinations.

1. Sh. Khumbar
8/9/23

2. M. Sayid
8/9/23

3. K. S. S.
8/9/23

4. B. S.

5. M. R. S.
8.9.23

6. C. S.

S. S. S. 8/9/2023

25.9.23

The faculty of Physics met in the Department of Physics and resolved the following.

" It is unanimously resolved to upload the Board of studies Physics and Physics main syllabus in the format of BOS Document in the college website. The document is a scanned / pdf printed copy of the BOS Physics / Physics main Xerox copy "

1. ~~Sharma~~ 25/9/23

2. maison

3. Hable

4. BOR

5.

6. ✓

The faculty met in the department of physics and resolved the following.

- 1) To prepare list of equipment for procurement under PM-USHA scheme
- 2) All the lecturers are requested to prepare the list of equipment required for purchase in their concerned paper and write the justification
- 3) Submit the list by today evening

maydon
06.11.2023

1

2

3

06.11.2023

4

M. R.

5

Bol

DR V S KRISHANA GOVERNMENT DEGREE COLLEGE(A), VISAKHAPATNAM
DEPARTMENT OF PHYSICS

S.NO	NAME OF THE EXPERIMENT	RATE	NO REQUIRED	AMOUNT	JUSTIFICATION
1	Thevenin's Theorem- verification kit (Regulated power supply, Board, Multimeter)	12000	2	24000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
2	Norton's Theorem- verification kit (Regulated power supply, Board, Multimeter)	12000	2	24000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
3	Maximum Power Transfer Theorem- verification kit	6000	2	12000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
4	BJT input and output characteristics kit	6000	2	12000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
5	FET Output and transfer characteristics kit	6000	2	12000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
6	LDR characteristics kit	7000	2	14000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
7	To study the Hall Effect kit	70000	1	70000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
8	calculate the resistivity and energy band gap of given semiconductor sample by four probe method kit	50000	1	50000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
9	current-voltage (I-V) characteristic of MOSFET kit	8000	2	16000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics
10	plot the I-V characteristic of UJT kit	8000	2	16000	Equipment required to conduct practicals for newly introduced programmes BSc electronics and Bsc Physics

11	I-V characteristic of SCR kit	8000	2	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics
12	Verify Half subtractor and full subtractor using gates kit	12000	2	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics
13	Verify the truth table Multiplexer and demultiplexer kit	10000	2	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics
14	Verify the truth table of RS, JK, T-F/F using NAND gates kit	10000	2	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics
15	Thermal behavior of an electric bulb (filament/torch light bulb) kit	7000	2	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics
16	Dual Trace Digital Oscilloscope	30000	1	30000 Oscilloscope required for BSc Practical
17	Function Generator 1Mhz	10000	4	40000 Required for BSc Practical
18	Microprocessor trainer Kit	15000	2	30000 Required for BSc Practical
19	Digital Balance upto 1mg	8000	2	16000 Required for BSc Practical
20	Newtons Rings Apparatus Kit	15000	2	30000 Required for BSc Practical
21	LCR Boards with meters	5000	4	20000 Required for BSc Practical
22	multimetre	2000	6	Equipment required to conduct practicals for newly introduced programmes BSc electronics and BSc physics

Total amount

522000 Five Lakhs Twenty Two Thousands Only

1. *[Signature]* 11/12/2023
2. *[Signature]* 11/12/2023
3. *[Signature]*
4. *[Signature]*
5. *[Signature]*
6. *[Signature]*

11-12-2023

The faculty of Physics Department met in the ~~the~~ Physics Staff Room and discussed the requirement for Physics lab and other academic & NAAC matters and resolved the following on 11.12.2023 at 5.00pm.

- 1) The equipment required for the running and future semesters and also long term needs are considered and list appended to this resolution is recommended for purchase from NIRF and other sources to the extent of availability of funds unanimously.
- 2) To update NAAC records and activity register of the department on war foot basis.
- 3) To update attendance (Practicals) and marks registers.

1. ~~SS Khum~~

2. mayh

3. felbo

4. ~~SS~~

5. MP

6. L