

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur**

Department of Physics

The regular meeting of Faculty member (Physics) was called to order at 11:00 a.m. on 28th September 2019 in the staff room.

Faculty Present

Dr.S.WAnwane

Dr.S.S Darokar

Head of Department

PG Co-ordinator

Mrs. Shweta Sharma

Mr. C Ruchir Kumar

Mr. Gaurav Kale

Ms Akshaya kothare

Ms Vaishnavi Parhad

Mr. Pratiksha Dixit

Agenda of Meeting

The agenda was already circulated on the official WhatsApp group.

Approval of Minutes

The minutes of meeting was unanimously approved as read by Miss Pratiksha Dixit.

Topic of Agenda 1. Review of Academic Progress of the ODD Semester

- a) The overall Academic plans and Progress was reviewed by faculty Members, low attendance of 1stSemester Student was common problem persisted in the Reviews.
- b) As discussed caused of low attendance may be partially due to time slot of Physics lectures which clash with language lecture at 2:16 p.m, such matter will be discussed with other authorities was assured by Dr. S.W Anwane sir.

- c) Some Remarks was given about Importance of taking Attendance in lecture and using PPT Presentation for better understanding & completing Syllabus in time was advised to Faculty member by Dr. S.S Darokar Sir And Dr.S. W Anwane sir.

Topic of Agenda 2. Distribution of theory workload of EVEN Semester.

- a) Workload was distributed among the Faculty Member as follows

Yr/Sem	Paper I	Paper II
B.Sc I [Sem II] A& B	I Free Oscillations(SSD) A&B II Forced Oscillations(SSD) A&B III Transport Phenomenon in Gas(PPD) A&B IV Thermodynamics (PPD) A&B	I Gravitation(SWA) A&B II Astrophysics(SWA) A&B III Magnetism(CRK) A&B IV Magento statics(CRK) A&B
B.Sc II [Sem IV] A+B	I Solid state physics(PPD) II X- Rays(PPD) III Solid state physics(GLJ) IV Laser (GLJ)	I Solid State Electronics(GLJ) II Field Effect Transistor(GLJ) III Molecular Physics(AK) IV Raman spectroscopy(AK)
B.Sc III [Sem VI] Section A+B	I Relativity(CRK) II Nuclear Physics(SWA) III Nuclear Physics (SWA) IV Bio Physics(CRK)	I Amplifier(VP) II Fiber optics(SSD) III Communication (SSD) IV Number Systems (VP)

Professor / class	Sem I A	Sem I B	SemII A+B	SemIII A+B	Total	Maple
SWA	2	2		2	6	
SSD	2	2		2	6	
AK			4		4	
VP			2	2	4	
CRK	2	2		2	6	
PPD	2	2	2		6	

*SWA- Dr. S.W Anwane, SSD- Dr. S.S Darokar, CRK- C. Ruchir Kumar, PPD
 – Pratiksha Dixit, VP- Vaishnavi Parhad, AK- Akshaya Kothare.

Topic of Agenda 3. Preparation of Manual And Setting up of NonWorking Experiment

a) Workload of Manual Preparation was Distributed among the members of Faculty as follows

Sr. No.	Name of Experiment	Teacher
1. 2. 3. 4. 5.	Acceleration due to gravity by compound pendulum. To study damping of a simple pendulum. To study oscillations of a rubber band and to draw potential energy curve for it. To determine acceleration due to gravity by Kater's reversible pendulum. To determine coefficient of viscosity of a given liquid by stokes method	PD
6. 7. 8. 9. 10.	Study of heating efficiency of electrical kettle with varying voltages. To verify the Stefan's law of radiation by using an incandescent lamp. To determine temperature coefficient of resistance of platinum using platinum resistance thermometer. To study the variation of magnetic field along the axis of a current circular coil. To determine the horizontal component of Earth's magnetic field and magnetic moment of the magnet	AK
1. 2. 3. 4. 5.	To determine wavelength of LASER beam using plane diffraction grating or cylindrical obstacle. To study the divergence of a LASER beam To determine lattice parameter 'a' of a unit cell of a cubic crystal using X-ray diffraction film To determine energy gap of a semiconductor using PN junction diode in reverse bias mode Identification of unknown element from line emission spectra	SS
6. 7. 8. 9. 10.	Study of characteristics of LED Study of characteristics of transistor in common base mode Study of characteristics of transistor in common emitter mode Study of characteristics of field effect transistor. To study the frequency response of a single stage transformer coupled transistor amplifier.	CRK

1.	Study of Op. Amp. as an Inverting and Non Inverting amplifier.	GK
2.	Study of Op. Amp. as an Adder and Subtractor.	
3.	Study of Op. Amp. as an Integrator and	
4.	differentiator.	
5.	To construct and study the working of a phase shift oscillator. Study of Amplitude modulation.	
6.	Study of basic gates (AND, OR, NOT)	VP
7.	Study and verification of De Morgan's theorem.	
8.	To study the characteristics of NAND/NOR gate and its use as a universal gate.	
9.	Verification of laws of Boolean algebra using NAND	
10.	gate.	
11.	Study of Ex- OR gate as a half adder and full adder. Study of Ex- OR gate as a half subtractor and full subtractor.	


Topic of Agenda 3. Research lab Recognition Proposal Preparation

- a) Proposal Preparation work was assigned to Mrs Shweta Sharma Madam with help of
C. Ruchir kumar sir and all other faculty member.

Topic of Agenda 4. Any Matter with Permission of Chair

- a) Updating College Website with Departmental Activities with relevant Photographs and Report was handed over to Mr Gaurav kale sir and Mrs Shweta Sharma Madam.
- b) Manual Preparation Work should be completed before Holidays such that correction of Manuals may be carry out within time so that it can be used for upcoming semester.
- c) List for Purchasing Chemicals must be handed over for further processing.
- d) Some Upcoming Program related to Physics Society was discussed .

Minutes of meeting were unanimously confirmed.


5/8/2021

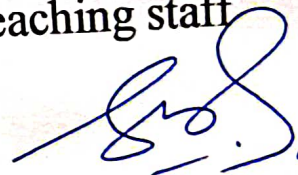
**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Physics**


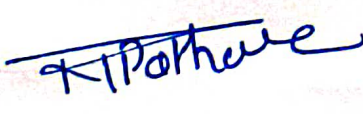

Call for Meeting

All the faculty members are requested to attend the meeting on 5th August 2021 at 12 noon at Common Staff Room, Department of Physics.

Agenda: Confirmation of minutes of last meeting.

1. Allotment of Workload for Odd semester 2021-22
2. Commencement dates of various Odd semesters
3. Academic / extracurricular activities for session 2021-22
4. Research Supervisor application by Dr GLJ
5. Financial assistance through projects
6. Staff attendance in college campus
7. Convocation by college from next year
8. Preparation of bills for S/2021 examination
9. Supplementary examination for ODD semesters during 2nd 22nd August 8-2021.
10. COVID Vaccination update of teaching and non-teaching staff
11. Practical Manuals.
12. Subject Society
13. Result Analysis.


4.8.21
Dr S W Anwane

- ①. C. R. Kumar 
- ②. R. J. Dhore 
- ③. G. L. Jadhav 

Following staff members attended the meeting
on 5-8-2021 at 12 noon in
staff room of Department of Physics

Name	Sign
1 Dr. S. W. Anwane	<u>S.W.A.</u>
2 Dr. G. L. Jadhav	<u>G.L.J.</u>
3 Dr. R. J. Dhokhe	<u>R.J.D.</u>
4 Mr. C. R. Kumar	<u>C.R.K.</u>

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Physics**

The regular meeting of Faculty members (Physics) was called to order at 12:00 noon on 5th August 2021 in the staff room. The meeting was chaired by the Head, Department Dr. S. W. Anwane sir.

Faculty present

Dr. S. W. Anwane	Professor and Head
Dr. G. L. Jadhav	Assistant Professor
Dr. R. J. Dhokane	Assistant Professor
Mr. C.R. Kumar	Assistant Professor

Agenda of Meeting:

The agenda was already circuited on the official WhatsApp group.

Approval of Minutes :

The minutes of meeting last meeting held on 28th September 2019 was read by Dr. G. L. Jadhav which were unanimously approved.

Topic of Agenda 1: Allotment of Workload for odd semester 2021-2022

a) Workload was distributed among the faculty members as follows.

	Paper I	Paper II
B Sc I (Semester I) SECTION A & SECTION B	I Elasticity (GLJ) A&B II Viscosity (GLJ) A&B III Surface Tension (GLJ) A&B IV Mechanics (CRK) A&B	I Electrostatics (RJD) A&B II Dielectrics (RJD) A&B III Time Vary. Fields (SWA) A&B IV Electric Current (SWA) A&B
B Sc II (Semester III) SECTION (A + B)	I Waves in media (X1) II Applied acoustic (X1) III Ultrasonic (RJD) IV Power supply (RJD)	I Interference of light (GLJ) II Diffraction of light (GLJ) III Polarization (GLJ) IV EM Waves (GLJ)
B Sc III (Semester V) SECTION (A + B)	I Atomic Physics (RJD) II Free electron theory (RJD) III Statistical Physics (SWA) IV Statistical Physics (SWA)	I Quantum mechanics (CRK) II Quantum mechanics (CRK) III Nanomaterials (X2) IV Nanotechnology (X2)

Topic of Agenda 2. Commencement dates of various odd semesters:

Commencement dates of various odd semesters have been discussed as follows.

SEM	DATE
BSc I SEM:	to be announced after admissions
BSc III SEM:	1 st September 2021
BSc V SEM:	11/08/2021

Topic of Agenda 3: Academic /extracurricular activities for session 2021-2022:

The extracurricular activities to be conducted under the auspices of Physics Society which will be coordinated by Dr R J ~~Dhokne~~ for the session of 2021-2022.

Agenda 4: Recognition of Research Supervisor

Research Supervisor application by Dr. G. L. Jadhav has been discussed and is pending in want of eligibility of minimum four years of teaching experience. Dr R J ~~Dhokne~~ who has joined the present institution on 25/06/2021 following transfer orders from the MFAC & SC Science College ~~Warud~~ is already recognized research supervisor.

Agenda 5: Financial assistance through projects.

All staff members are encouraged to apply for financial assistance for research projects from various agencies.

Agenda 6: Staff attendance in college campus:

Due to unlock the teaching and Non-teaching staff members are informed remain present in the college campus during working hours.

Agenda 7: Convocation by college from next year:

As per direction of RTMNU, the Convocation ~~programme~~ will be conducted on college level from next year.

Agenda 8: Preparation of Bills for Summer/2021 examination.

Chairperson has been informed to Dr. G. L. Jadhav and Prof. C. R. Kumar sir for preparation of bills for Summer-2021 examination.

Agenda 9: Supplementary examination for odd semesters

The Supplementary examination for odd semesters is scheduled by the University and will be conducted during 2nd - 22nd August 2021.

Agenda 10: COVID Vaccination update of teaching and non-teaching staff.

The status of COVID-19 vaccination has been discussed.

All the staff members including teaching and Non-teaching staff members are informed to get vaccinated for both the doses as per the government norms and conditions as soon as possible.

Staff members are informed to make awareness among the students about the importance of vaccination.

Agenda 11: Practical manuals

The preparation of practical manual has been allocated to Dr. R. J. Dhokane and other staff members were informed to help in for preparation for practical manual.

Agenda 12: Subject Society

The subject society has been allocated to Dr. R. J. Dhokane. Remaining other staff member will help/assist in the subject society.

Agenda 13: Subject File

All the staff members are informed to maintain one subject file. This subject file should be updated with the old question papers, Notes and PPT in hard copy. Teachers are informed to keep their soft copy as well for shearing with students.

The meeting came to an end as there was no other matter for discussion.

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur

Department of Physics

Call for Meeting

All the faculty members are requested to attend the meeting on 20th September 2021 at 12 noon at Common Staff Room, Department of Physics.

Agenda of Meeting:

1. Welcome of Dr. Ragini Dhokane madam on behalf of departmental council.
2. Introduction of newly appointed CHB, Ad-hoc teaching faculty members.
3. Allotment of the Practical's and theory periods.
4. Commencement dates of various odd semesters.
5. Discussion on MSc I year induction programme.
6. Discussion and handing over responsibility as an Co-coordinator of Extracurricular activities on the shoulder of Miss. Roshni Ahuja.
7. COVID vaccination update of teaching and non-teaching staff.
8. Allotment of Workload for odd semester 2021-2022.
9. Discussion and clarification of the queries of newly appointed CHB teaching staff members.

Dr. S. W. Anwane

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Physics**

The regular meeting of Faculty members (Physics) was called to order at 12:00 noon on 20th September 2021 in the staff room. The meeting was chaired by the Head, Department Prof. S. W. Anwane.

Faculty present

Prof. S. W. Anwane

Dr. G. L. Jadhav

Dr. R. J. Dhokane

Mr. C. R. kumar

Dr. S. S. Pote

Mr. Y. D. Pawar

Miss. I. S. Kapte

Mr. R. D. Chopade

Dr. M. V. Ghate

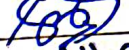
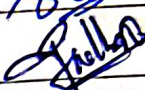
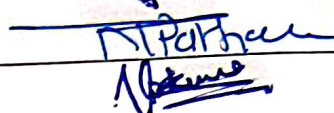
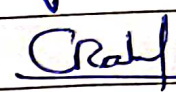
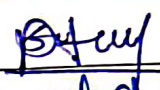
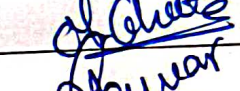
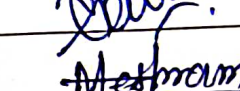
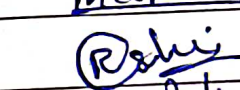
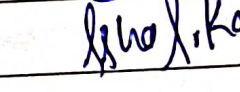


Mr. A. R. Meshram

Miss. R. B. Pahuja

Following Staff members attended the meeting on 20/09/2021 at 12 noon in staffroom of Department of physics.

Name

Signature

- | | |
|--------------------------|---|
| 1) Prof. S. W. Anwane |  |
| 2) Dr. G. L. Jadhav |  |
| 3) Dr. R. J. Dhokane |  |
| 4) Mr. G. R. Kumar |  |
| 5) Ms. R. D. Chopade |  |
| 6) Dr. Swapnil S. Pote |  |
| 7) Dr. Minakshi V. Ghate |  |
| 8) Mr. Yashpal D. Pawar |  |
| 9) Mr. Amit. A. Meshram |  |
| 10) Ms. Roshni B. Patuja |  |
| 11) Ms. Isha S. Kapte |  |

Agenda of Meeting:

The agenda was already circuited on the official WhatsApp group.

Approval of Minutes:

The minutes of last meeting held on 5th September 2020 was read by Dr. G. L. Jadhav which were unanimously confirmed.

Agenda#1:

Dr. Ragini J. Dhokane madam was welcomed by the Departmental council of Physics.

Agenda#2:

Newly appointed CHB and Ad-hoc faculty members were welcomed by the Department. All newly inducted faculty members introduced themselves.

Agenda#3:

Theory and practical slots were allotted. Experiments were also allotted for the conducting of practical on online mode. Staff members were informed to prepare videos on allotted practical.

Agenda#4: Commencement dates of various odd semesters.

CLASS	DATES
B.Sc. SEM I	21/09/2021
M.Sc. SEM III	21/09/2021
M.S.c SEM I	27/09/2021

Agenda#5: Discussion on MSc I year induction programme.

All the Staff members were informed that M.Sc. I Year 2021-2022 session induction programme scheduled on 27/09/2021. To anchor this induction programme responsibility was handed over on the shoulder of Miss. I. S. Kapte. All other staff members were informed to prepare to interact and address the students in the induction programme.

Agenda#6: Discussion and handing over of responsibility as a Co-coordinator of Extracurricular activities:

For Extracurricular activity the responsibility was handed over to Miss. Roshni Pahuja as a coordinator. Miss. Roshni Pahuja was informed to plan and work with coordinator in Extracurricular activities.

Agenda#7: COVID vaccination update of teaching and non-teaching staff.

All the staff members were informed to get vaccinated as soon as possible with both doses as per the due date. Staff members were informed to induce students also for the vaccination in view of COVID-19 pandemic.

Name	Status of Doses
Prof. S. W. Anwane	Vaccinated
Dr. G. L. Jadhav	One Dose complete
Dr. R. J. Dhokane	Vaccinated
Mr. C. R. Kumar	Vaccinated
Dr. S. S. Pote	Vaccinated
Mr. Y. D. Pawar	One Dose complete
Miss. I. S. Kapte	Vaccinated
Mr. R. D. Chopade	One Dose complete
Dr. M. V. Ghate	Vaccinated
Mr. A. R. Meshram	One Dose complete
Miss. R. B. Pahuja	Yet to be vaccinated

Agenda#8: Allotment of Workload for odd semester 2021-2022.

Agenda#9: Discussion and clarification of the queries of newly appointed CHB teaching staff members.

Interactions and discussion on syllabus and online teaching mode was done. About online teaching mode all the newly staff members were informed and their queries were resolved.

Academic Audit

Page No.

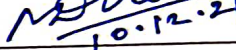
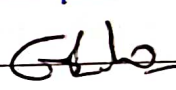
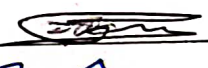

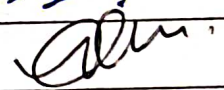
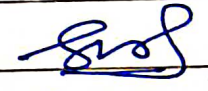

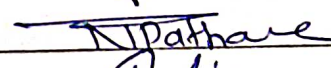
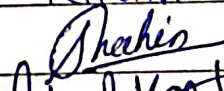
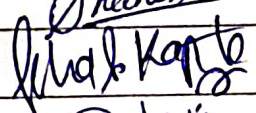
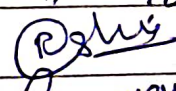
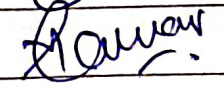
Date 10 12 21

2 pm

Hon'ble Principal Dr. M.P. Dhore vide notice dated nil called meeting under his chairmanship (along with Dr. G R Avachar member, Dr. S R Pande member, Dr. M J Heday - IQAC co-ordinator, Dr. A A Haldar - IQAC Co-ordinator) with all faculty members of Department of Physics on 10-12-2021 at 2 pm for discussion on information submitted for internal academic audit.

Following individuals attended the meeting

SIGNATURE

1. Principal Dr. M P Dhore 
2. Vice Principal Dr. G R Avachar 
3. Dr. S. R. Pande 
4. Dr. M J Heday, IQAC 
5. Dr. A A Haldar IQAC 
6. Dr. S. W. Anwane, Head 
7. Dr. G. L. Jadhav 
8. Dr. R. J. Dhokne 
9. Dr. S. K. Sayyad 
10. Ms. Teha S. Kapte 
11. Mrs. Reshmi B. Pahuja 
12. Mr. Yashpal D. Pawar 



*Shri Shivaji Education Society Amravati's
Science College
Congress Nagar, Nagpur
Accredited with CGPA of 3.51 at 'A+' grade*



Date 05/01/2022

Department of Physics

Call for Meeting

All the faculty members are requested to attend the meeting on 6th January 2022 at 12 noon at Common Staff Room, Department of Physics.

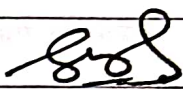

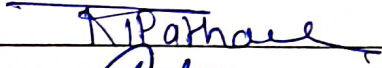

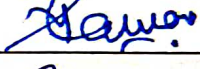

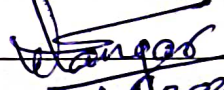
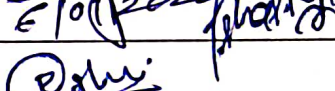
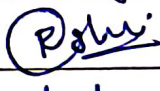
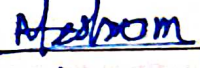

Agenda of Meeting:

Confirmation of Minutes of Last Meeting

- 1. Welcome of newly inducted faculty members on behalf of departmental council.*
- 2. Introduction of new faculty members.*
- 3. Allotment of various departmental committees*
- 4. COVID vaccination update of teaching and non-teaching staff.*
- 5. Allotment of THEORY Workload for EVEN Semester 2021-2022.*
- 6. Any matter with the permission of chair.*

Dr. S. W. Anwane

Following staff members attended the meeting on 06/01/2022 at 12:00 noon in staffroom of Department of Physics.

<u>Name</u>	<u>Signature</u>
1) S.W. Anwane	
2) Dr. G. L. Jadhav	
3) Dr. R. J. Dholake	
4) Dr. S. K. Sayyad	
5) Y. D. Pawar	
6) Mr. B. T. Kumbhारे	
7) Dr. S. V. Khargad	
8) Isha S. Kaptel	
9) Roshni Patil	
10) Amit. A. Meshram	
11) Chaitanya D. Gajbhiye	

Approval of Minutes:

The minutes of meeting was unanimously approved as read by Dr. G. L. Jadhav.

Agenda#1: Welcome - All newly inducted faculty members were welcomed by Dr S W Anwane on behalf of Department of Physics.

Agenda#2: Introduction - The newly inducted faculty members vide transfer, Dr. Shahin Sayyed, Dr. Sugandha Khangar, and Mr. Bhupendra Kumbhare introduced themselves.

Agenda#3: Theory Distribution - The allotment of Theory curriculum to staff members was amicably discussed and finalized..

Agenda#4: Distribution of Various Portfolios - For smooth conduct of the department and channelize work, a distribution of various activities was discussed and allotted.

Agenda#5: Research projects from various funding agencies.

All the faculty members are encouraged for Research Projects from various funding agencies.

Agenda#6: Academic and Personal Files

All the faculty members were advised to prepare and update their own Academic and Personal files.

Agenda#7: SWAYAM/COURSEERA/UDEMY Certificate Courses

For the personal and academic development of the faculty members all were encouraged to opt various certificate courses for MOOC platforms.

Agenda#8: Purchase Chemical

All the faculty members are informed to provide their list of chemicals required for projects to teacher in-charge Dr R J Dhokne.

Agenda#9: COVID Vaccination update of teaching and non-teaching staff.

The status of COVID-19 vaccination was discussed. It is very appreciable to mention that all the staff members including teaching and non-teaching staff members are fully vaccinated.