



Re-Accredited by NAAC with 'A' Grade

VEER NARMAD SOUTH GUJARAT UNIVERSITY

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલ્લા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

Tel : +91 - 261 - 2227141 to 2227146, Toll Free : 1800 2333 011, Fax : +91 - 261 - 2227312

E-mail : info@vnsgu.ac.in, Website : www.vnsgu.ac.in

Department of Physics

No.Phy/6011/2021

November 27, 2021

Minutes

The meeting of the Faculty members of Department of Physics was held in the office of the Head of the department on November 27, 2021 at 10:30 a.m.

The agenda of this meeting was to analyse the following feedback reports on curriculum for the Academic Year 2020-2021 and to decide the plan of action required:

1. Students feedback analysis
2. Faculty feedback analysis
3. Alumni feedback analysis - No reports

The attendance of the members of the faculty of the department at the said meeting was as follows :

Faculty	Present / Absent
Dr. K. C. Poria Professor & Head, Department of Physics, Veer Narmad South Gujarat University, Surat	Present
Dr. V. G. Joshi, Professor	Present
Dr. I. B. Patel, Professor	Present
Dr. P. B. Thakor, Professor	Present
Dr. B. P. Modi, Professor	Present
Dr. J. M. Dhimmarr, Associate Professor	Present

The said feedback reports were discussed and analysed and consequently the following observation were made, decisions were taken and an action plan was proposed as follows:

The overall feedback received from students and teachers reflects high level of satisfaction. In view of the requirements of NEP 2020 and contemporary opportunities for employability, the following changes in the curriculum emerged from the analysis and discussion:

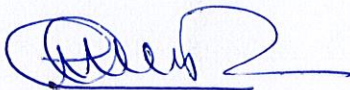
- To enhance the scope for employability in the curriculum
- To strengthen the curricular component for planning to revise syllabus from Academic Year 2022-23 communicative competence
- To introduce a core course on Science and Spirituality in view of NEP.
- List of reference books should accompany the list of textbooks.

N.B. 1. The students feedback form analysis are already submitted.
2. Teacher's feedback is submitted in the form of Google Form.


Dr. K. C. Poria

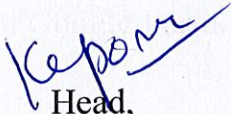

Dr. V. G. Joshi


Dr. I. B. Patel


Dr. P. B. Thakor


Dr. B. P. Modi


Dr. J. M. Dhimmarr


Head,
Department of Physics

**Head,
Department of Physics
Veer Narmad S. G. University
SURAT**

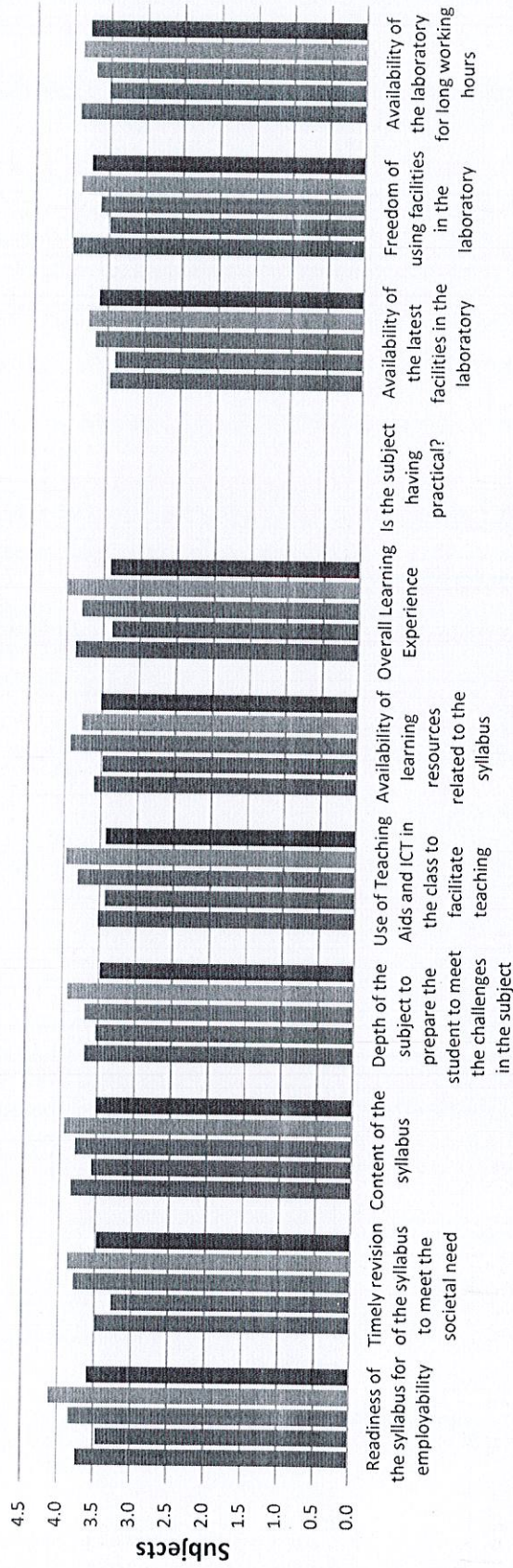
DEPARTMENT OF PHYSICS, VNSGU, SURAT
FEEDBACK ANALYSIS
MASTER OF COMPUTER APPLICATION (SEMESTER - I)
ACADEMIC YEAR 2020-21

	Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the subject to prepare the student to meet the challenges in the subject	Use of Teaching Aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall Learning Experience	Is the subject having practical?	Availability of the latest facilities in the laboratory	Freedom of using facilities in the laboratory	Availability of the laboratory for long working hours
PH-411 - MATHEMATICAL	3.7	3.5	3.8	3.7	3.5	3.6	3.9	Yes	3.5	4.0	3.9
METHOD OF PHYSICS											
PH-412 - CLASSICAL MECHANICS	3.5	3.3	3.6	3.5	3.4	3.5	3.4	Yes	3.4	3.5	3.5
PH-413 - MEASUREMENT, INSTRUMENTS AND EXPERIMENTAL PLANNING	3.8	3.8	3.8	3.7	3.8	3.9	3.8	Yes	3.7	3.6	3.7
PH-414 - GENERAL ELECTRONICS	4.1	3.9	3.9	3.9	4.0	3.8	4.0	Yes	3.8	3.9	3.9
PH-415 - PRACTICALS	3.6	3.5	3.5	3.5	3.4	3.5	3.4	Yes	3.6	3.7	3.8

Report

Head,
Department of Physics
Veer Narmad S. G. University
SIIDAT

Student's Feedback on Course Curriculum Sem-I



Criteria

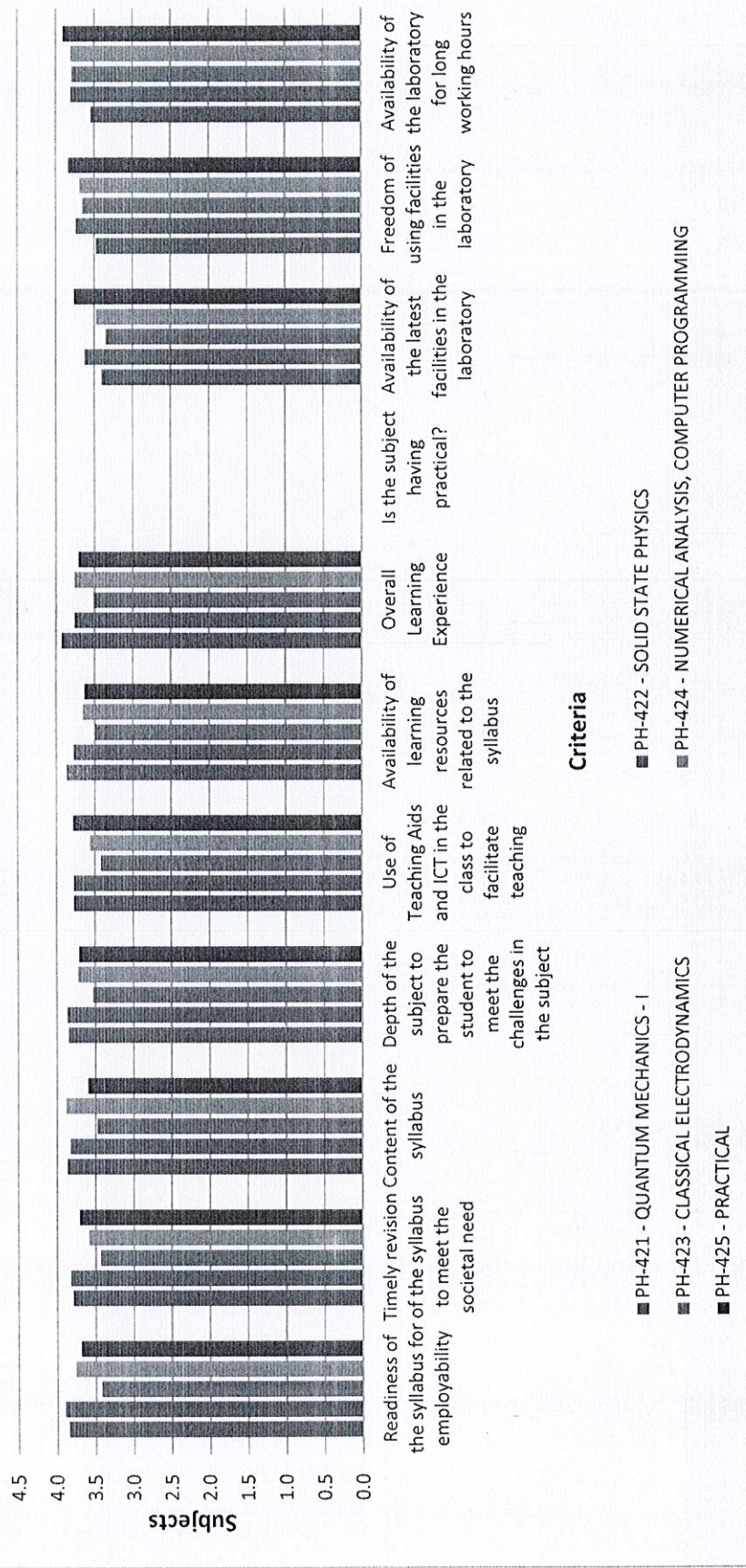
- PH-411 - MATHEMATICAL METHOD OF PHYSICS
- PH-413 - MEASUREMENT, INSTRUMENTS AND EXPERIMENTAL PLANNING
- PH-415 - PRACTICALS
- PH-412 - CLASSICAL MECHANICS
- PH-414 - GENERAL ELECTRONICS

DEPARTMENT OF PHYSICS, VNSGU, SURAT
FEEDBACK ANALYSIS
MASTER OF COMPUTER APPLICATION (SEMESTER - 2)
ACADEMIC YEAR 2020-21

	Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the subject to prepare the student to meet the challenges in the subject	Use of Teaching Aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall Learning Experience	Is the subject having practical?	Availability of the latest facilities in the laboratory	Freedom of using facilities in the laboratory	Availability of the laboratory	For long working hours
PH-421 - QUANTUM MECHANICS - I	3.8	3.8	3.9	3.8	3.8	3.9	3.9	Yes	3.4	3.5	3.5	3.5
PH-422 - SOLID STATE PHYSICS	3.9	3.8	3.8	3.9	3.8	3.8	3.8	Yes	3.6	3.7	3.8	3.8
PH-423 - CLASSICAL ELECTRODYNAMICS	3.4	3.4	3.5	3.5	3.4	3.5	3.5	Yes	3.4	3.6	3.8	3.8
PH-424 - NUMERICAL ANALYSIS, COMPUTER PROGRAMMING	3.8	3.6	3.9	3.7	3.6	3.6	3.8	Yes	3.5	3.7	3.8	3.8
PH-425 - PRACTICAL	3.7	3.7	3.6	3.7	3.8	3.6	3.7	Yes	3.8	3.8	3.9	3.9

Head
Department of Physics
Veer Narmad S. G. University
SURAT

Student's Feedback on Course Curriculum Sem-II



Handwritten signature

**Head,
Department of Physics
Veer Narmad S. G. University
SURAT**

DEPARTMENT OF PHYSICS, VNSGU, SURAT
FEEDBACK ANALYSIS
MASTER OF COMPUTER APPLICATION (SEMESTER - 3)
ACADEMIC YEAR 2021-22

	Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the subject to prepare the student to meet the challenges in the subject	Use of Teaching Aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall Learning Experience	Is the subject having practical?	Availability of the latest facilities in the laboratory	Freedom of using facilities in the laboratory	Availability of the laboratory for long working hours
PH-531 - QUANTUM MECHANICS - II	3.7	3.6	3.7	3.9	3.6	3.7	3.7	Yes	3.4	3.5	3.7
PH-532 - NUCLEAR AND PARTICLE PHYSICS	3.6	3.4	3.6	3.6	3.4	3.5	3.4	Yes	3.4	3.6	3.7
PH-(E)-533 - PHYSICS OF SEMICONDUCTOR DEVICES	3.6	3.5	3.6	3.7	3.8	3.8	3.5	Yes	3.8	3.9	3.9
PH-(E)-534 MICROCONTROLLER AND APPLICATIONS	4.2	4.2	4.2	4.1	4.1	4.1	4.2	Yes	4.1	4.1	4.2
PH-(E)-535 - PRACTICALS (ELECTRONICS)	4.1	4.1	4.1	4.2	4.2	4.2	4.2	Yes	4.2	4.2	4.3

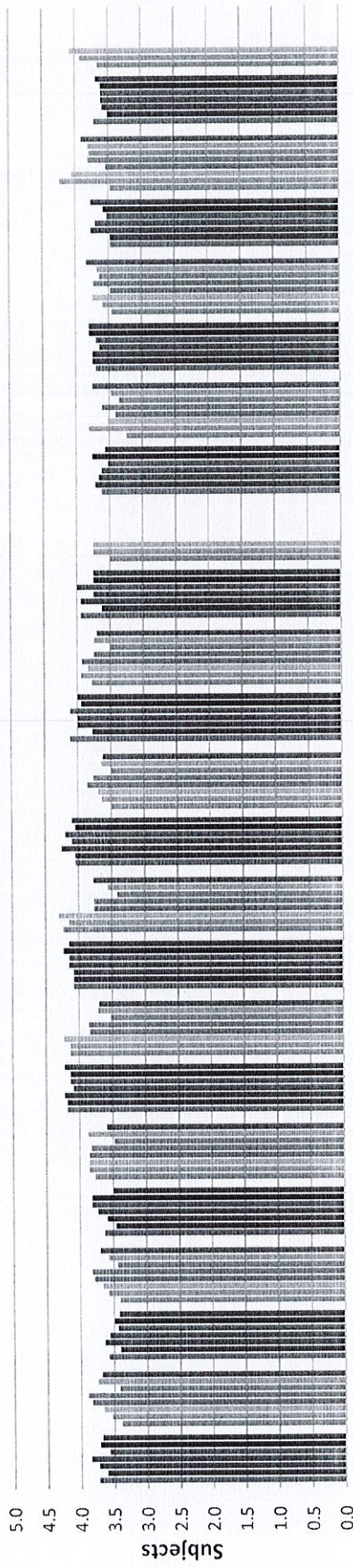
Handwritten signature
Head,
Department of Physics
Veer Narmad S. G. University
SURAT

PH-(M)-533 - CRYSTAL GROWTH AND CHARACTERIZATION	4.05	4.05	4.25	4.1	4.2	4.05	4.1	Yes	3.5	3.65	3.7
PH-(M)-534 - ADVANCED MATERIALS SCIENCE	4.1	3.8	4.0	4.0	4.1	3.9	4.0	Yes	3.8	3.9	3.8
PH-(M)-535 PRACTICALS (MATERIALS SCIENCE)	3.9	3.6	3.9	3.8	4.0	3.8	3.8	Yes	3.5	3.8	3.8
PH-(T)-533 - NON-LINEAR SYSTEMS AND HIGH PERFORMANCE COMPUTING	3.6	3.7	3.7	3.6	3.5	3.8	3.6	Yes	3.2	3.8	3.5
PH-(T)-534 COMPUTATIONAL AND SIMULATION METHOD IN PHYSICS	3.7	3.8	3.8	3.7	3.7	3.8	3.8	Yes	3.5	3.6	3.8
PH-(T)-535 - PRACTICALS (THEORETICAL PHYSICS)	3.5	3.5	3.8	3.7	3.5	3.6	3.8	Yes	3.5	4.2	4.1
PH-(C)-534 - PRACTICALS (COMMON)	3.7	3.5	3.6	3.6	3.6	3.6	3.7	Yes	3.7	3.9	4.1




Head,
Department of Physics
Veer Narmad S. G. University
SURAT

Student's Feedback on Course Curriculum Sem-III



- Criteria**
- Readiness of the syllabus for employability
 - Content of the syllabus
 - Use of Teaching Aids and ICT in the class to facilitate teaching
 - Overall Learning Experience
 - Availability of the latest facilities in the laboratory
 - Availability of the laboratory for long working hours
 - PH-422 - SOLID STATE PHYSICS
 - PH-424 - NUMERICAL ANALYSIS, COMPUTER PROGRAMMING

- Timely revision of the syllabus to meet the societal need
- Depth of the subject to prepare the student to meet the challenges in the subject
- Availability of learning resources related to the syllabus
- Is the subject having practical?
- Freedom of using facilities in the laboratory
- PH-421 - QUANTUM MECHANICS - I
- PH-423 - CLASSICAL ELECTRODYNAMICS
- PH-425 - PRACTICAL


Head,
Department of Physics
Veer Narmad S. G. University
SURAT

DEPARTMENT OF PHYSICS
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
TEACHER'S FEEDBACK ON CURRICULUM
ACADEMIC YEAR – 2020-21

Program Name : MASTER OF SCIENCE IN PHYSICS

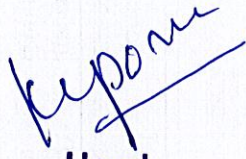
Semeter-1

Course Name	The syllabus is suitable to achieve the outcome of course.	The syllabus of the course is contemporary and need- based.	The course content adds the value of the students	The aims and objectives of the syllabi are well defined and clear to teachers and students	Course content is followed by reference books. The books prescribed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in-depth knowledge to impart to the students	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus	The course has a right balance between theory and Lab. (FOR PRACTICAL ORIENTED COURSES ONLY)	
PH-411 MATHEMATICAL METHODS OF PHYSICS	5	4	4	5	5	5	4	4	5	4
PH-412 CLASSICAL MECHANICS	5	4	5	5	4	5	5	5	5	5
PH-413 MEASUREMENT INSTRUMENTATION AND EXPERIMENTAL PLANIG	5	5	5	4	4	4	4	4	5	5
PH-414 GENERAL ELECTRONICS	4	5	5	5	5	5	4	4	5	5

Keponu
Head,
Department of Physics
Veer Narmad S. G. University
SURAT

Semeter-2

Course Name	The syllabus is suitable to achieve the outcome of course.	The syllabus of the course is contemporary and need- based.	The course content adds the value of the students	The aims and objectives of the syllabi are well defined and clear to teachers and students	Course content is followed by reference books.	The books prescribed/listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in-depth knowledge to impart to the students	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus	The course has a right balance between theory and Lab. (FOR PRACTICAL ORIENTED COURSES ONLY)
PH-421 QUANTUM MECHANICS -I	5	4	4	5	5	5	4	4	5	3
PH-422 SOLID STATE PHYSICS	4	4	4	4	4	4	4	4	5	4
PH 423 CLASSICAL ELECTRODYNA MICS	4	4	4	4	4	4	4	4	4	3
PH-424 NUMERICAL ANALYSIS AND COMPUTER PROGRAMMING	3	3	4	4	4	4	3	3	3	3


Head,
Department of Physics
Veer Narmad S. G. University
SURAT

Semeter-3

Course Name	The syllabus is suitable to achieve the outcome of course.	The syllabus of the course is contemporary and need-based.	The course content adds the value of the students	The aims and objectives of the syllabi are well defined and clear to teachers and students	Course content is followed by reference books.	The books prescribed/listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in-depth knowledge to impart to the students	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus	The course has a right balance between theory and Lab. (FOR PRACTICAL ORIENTED COURSES ONLY)
PH-531 QUANTUM MECHANICS - 2	5	4	4	5	5	5	4	4	5	3
PH-532 NUCLEAR AND PARTICLE PHYSICS	5	4	5	5	5	5	5	5	5	5
PH(E)-533 PHYSICS OF SEMICONDUCTO R DEVICES	4	5	4	5	5	5	5	4	5	5
PH(M)-533 CRYSTAL GROWTH AND CHARACTERIZA TIONS	5	5	5	5	4	4	4	4	5	5

Kepom

**Head,
Department of Physics
Veer Narmad S. G. University
SURAT**

PH(T)-533 NON-LINEAR SYSTEMS AND HIGH PERFORMANCE-	4	4	4	4	4	3	3	4	4	3
PH-(M)-534 Advance Material Science	5	5	5	5	5	5	5	5	5	4
PH(T)-534 COMPUTATIONAL AND SIMULATION	5	5	5	5	5	5	5	5	5	5
PH(T)-535 PRACTICAL	5	5	5	5	5	5	5	5	5	5

Kepon

SEMESTER-4

Head,
Department of Physics
Veer Narmad S. G. University
SURAT

Course Name	
The syllabus is suitable to achieve the outcome of course.	
The syllabus of the course is contemporary and need- based.	
The course content adds the value of the students	
The aims and objectives of the syllabi are well defined and clear to teachers and students	
Course content is followed by reference books.	
The books prescribed/listed as reference materials are relevant, updated, and appropriate.	
The course of my subject enriches my perception of the subject area.	
The course content covers in-depth knowledge to impart to the students	
Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus	
The course has a right balance between theory and Lab. (FOR PRACTICAL ORIENTED COURSES ONLY)	

PH-541 PHYSICS OF LASER AND LASER APPLICATION	3	3	2	3	4	3	4	3	2	0
PH-542 ATOMIC AND MOLECULAR PHYSICS	2	3	2	3	4	3	3	2	2	0
PH(M)-543 PROPERTIES OF MECHANICS	5	5	5	5	4	4	5	4	5	4
PH(E)-543 Microelectronics	5	5	5	4	5	4	5	5	4	3
PH(M)-544 TECHNIQUES OF MATERIAL SCIENCE	3	3	4	4	4	4	5	4	4	4
PH(E)-544 ELECTRONICS COMMUNICATION	4	4	4	4	4	4	4	4	4	0
PH(T)543 ADVANCED QUANTUM MECHANICS	4	3	3	4	3	4	4	3	4	3
PH-544(T) GROUP THEORY AND QUANTUM FIELD THEORY	4	4	5	5	4	5	5	5	4	3
PH(T)-545 PROJECT AND SEMINAR	5	5	5	5	5	5	5	5	5	5

Kepome

**Head,
Department of Physics
Veer Narmad S. G. University
SURAT**