

## MINUTES

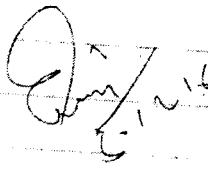
A meeting of Board of studies (joint) in Electronics & Photonics was held on 05/12/2016 at 12 noon in the chamber of Head of Department of Physics.

Following Members were present -

1. Dr. Narmada Brahm (Head Physics, Chairperson)
2. Dr. D. P. Bisoi (Member)
3. Dr. R. N. Baghel (Member)
4. Dr. Kavita Thakur (Member)
5. Dr. Sanjay Tiwari (Member)

Since External Expert Prof. H. S. Tiwari, CIGU Bilaspur, will arrived on 06/12/2016 in the department, so the aforesaid meeting was adjourned, and the same will now be scheduled on 06/12/2016 at 12 noon.

Atksh  
05/12/2016

  
5-12-16  
Atksh

## MINUTES

A meeting of Board of studies (joint) in Electronics & Physics was held on 06/12/2016 at 1:30 pm in the chamber of Head of the department, Physics.

Following members were present -

1. Dr. Nareeta Brahma (Head Physics)
2. Dr. H.S. Tiwari, GGU Bilaspur (External Expert)
3. Dr. Sanjay Tiwari (Member)
4. Dr. DP Bisui (Member)
5. Dr. R.N. Baghel (Member)
6. Prof R.C. Agrawal (Member)
7. Dr. Kavita Thakur (Head Electronics)

Following decisions were taken -

1. Syllabus for the following, after incorporating some minor changes have been approved -
  - (a) M.Tech in opto-electronics and Laser Technology (Semester) for session 2017-19.
  - (b) Syllabus for M.Tech III + IV Semester for the year 2017-18 will remain unaltered and approved as it is by BOS Electronics (joint)
  - (c) Hard and soft copies of syllabus mentioned in point no. 'a' & 'b' were submitted as to academic section for further processing.

Photo taken ~~H.S. Tiwari~~ Q

# Minutes

A meeting of joint Board of Studies Physics & Electronics was held on 09-09-2017 at 12:00noon in the chamber of Head of the Electronics Department.

Following members were present:

- 1-Dr. Kavita Thakur ,Head Electronics
- 2-Dr. Nameeta Brahme ,Head Physics
- 3-Dr. H.S. Tiwari ,GGU Bilaspur,external Expert
- 4-Dr. D.P. Bisen ,Member Physics
- 5-Dr. Preetibala Tank ,Govt. Digvijaya College ,Rajnandgaon ,Member Physics.
- 6-Mr.Gowardhan Yadu,Rajivloachan Mahavidhalaya,Rajim,(C.G.) Member Physics.
- 7-Dr. Smriti Agrawal Govt. College Vaishali Nagar Durg,Member Physics.

## Agenda of the Meeting:

1. एम.टेक.प्रथम सेमे.में पुनः प्रवेश की शर्त निर्धारण हेतु ।
2. सैद्धांतिक पेपर के अंको का वर्गीकरण।
- 3.अध्यादेश 178 में संशोधन विषयक।

## Following decision were taken:

### Agenda 1 -

Committee decided to follow existing ordinance 178 -

According to Existing ordinance last para of 9<sup>th</sup> clause "A student can appear any theory paper only twice i.e. once in the original attempt and once in a repeat attempt. A Candidate who fails in the I,II or III semester Examination will be required to repeat that part of the course as a regular student only. There will be no provision of an ex-student."

As a regular student, a student has to repeat all theory papers including seminar, comprehensive viva voce and lab course with 75% attendance.

### Agenda 2-

As per existing ordinance 178 ,each theory paper has been allotted 100 marks. The distribution of marks according to new model examination pattern is as below.

S.N.	Type of Questions	Marks allotted per question	No. of Questions	Total Marks
1	Objective type Questions	1.0	20	20
2	Very Short Answer type Question (Each answer should be in 2-3 sentences)	2.0	10	20
3	Short Answer type Questions Each answer should be $\leq 75$	3.0	10	30

21/9/17

P. Thakur  
21/9/17

P. Brahme  
21/9/17

H.S. Tiwari  
21/9/17

D.P. Bisen

P. Tank

4	i) Long Answer type Question (Each carries 4 marks, answer any Eight) (Each answer should be ≤ 150 words)	6.0	5	30
GRAND TOTAL				100

**Agenda 3-**

Regarding Modification of Ordinance ,following points should be incorporated while submitting the final modified ordinance.

Clause 6<sup>th</sup> (III) –

Eligibility Criteria -Gate qualified student will be eligible for admission on the basis of GATE Score. In case of equal GATE score preference will be given to candidate higher marks in the qualifying examination .

last paragraph of clause 9<sup>th</sup> Should be replaced by following-

A student can appear any theory paper only **thrice** .i.e. once in the original attempt and **twice** in a repeat attempt. A Candidate who fails in the I,II or III semester Examination will be required to repeat that semester (Theory and Practical) as like regular student only. There will be no provision of an ex-student.

In clause 10<sup>th</sup> ,the table of Semester I and Semester II examination should be replaced by following

**Semester .I**

Course Code	Subject	Marks		
		Theory	Internal	Total
OE-11	Theory paper-I	80	20	100
OE-12	Theory paper- II	80	20	100
OE-13	Theory paper-III	80	20	100
OE-14	Theory paper-IV	80	20	100
OE-15	Seminar	-	-	50
OE-16	Comprehensive Viva voce	-	-	Grade
OE-17	Lab Course- I	External	Internal	150
		120	30	

**Semester II**

Course Code	Subject	Marks		
		Theory	Practical	Total
OE-21	Theory -I	80	20	100
OE-22	Theory-II	80	20	100
OE-23	Theory-III	80	20	100
OE-24	Theory-IV	80	20	100
OE-25	Seminar	-	-	50
OE-26	Comprehensive Viva Voce	-	-	Grade
OE-27	Fiber Optics and Optical Communication Lab-II	External	Internal	150
		120	30	

*Amir*  
20/09/2017

*Pran*  
21/09/17

*S*  
21/9/17

*23/09*  
*Wahid*  
21/09/17

*HSaur*  
*SK*

The committee authorized following professors to modify the ordinance 178 & submit to academic section within a week --

- 1- Dr. Kavita Thakur ,Head Electronics
- 2- Dr. Sanjay Tiwari Member Electronics
- 3- Dr. Nameeta Brahme ,Head Physics
- 4- Dr. D.P. Bisen ,Member Physics

*Nameeta*  
09/09/2017

*D.P. Bisen*

*HTiwari*

*HTiwari*  
9/9/17

*KT*

*KT*  
09/9/2017

*HTiwari*  
9/9/17

## MINUTES

### Joint Board of Studies

S.O.S. in Electronics & Photonics & S.O.S. in Physics & Astrp Physics  
Pt.Ravishankar Shukla University, Raipur (C.G.)

Minutes of the meeting of Joint Board of Studies S.O.S. in Electronics & Photonics & S.O.S. in Physics & Astro Physics held at S.O.S. in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur at 2:00 pm on 29<sup>th</sup> June, 2018.

#### Members Present:

1. Dr. Sanjay Tiwari Chairman S.O.S. in Electronics & Photonics
2. Dr. Kavita Thakur – Member Head S.O.S. in Electronics
3. Prof. D.P. Bisen Member Physics
4. Dr. Anubha Singh Gour Member Physics
5. Prof. Akhilesh Jadhav, Member Physics

The leave of absence was granted to the following members:

1. Dr. Namita Brahme, Member Physics & Head S.O.S. in Physics
2. Prof. N.K.Chakradhari, Member Physics
3. Prof. Goverdhan Yadu
4. Prof. Prabha Venugopal

At the outset, Dr. Sanjay Tiwari welcomed the members and informed that efforts were made to get an updated syllabus considering the advancement of the subjects in the recent past years with a focus on a practical approach for all the courses. He informed that inputs from faculty members teaching the subject, passed out students and the Scientists at RRCAT, Indore and IIT Mumbai were gathered and draft of curriculum has been prepared keeping in view the latest industry trends and market requirement in all major segments whichever is applicable. In preparation of draft of syllabus, syllabus of International School of Photonics, CUSAT, Cochin, IIT Delhi running similar M.Tech. program has been reviewed. In addition Photonics syllabi of some US and UK renowned World Class Universities have been consulted by the members.

#### The Agenda for the meeting was as follows:

**ITEM NO. 1** To approve the syllabus of M.Tech. in Optoelectronics & Laser Technology (Sem I to Sem IV) for the academic session 2018-19 & recommend to Academic Section for further approval.

1

Sanjay Tiwari  
29/6/18

D.P. Bisen  
29/06/2018

Anubha Singh Gour  
29.6.18

Akhilesh Jadhav  
29.6.2018

Kavita Thakur  
29.06.18

The Chairman briefed the members of need for revision of M.Tech. Syllabi. He said as all are aware that Photonics has been growing exponentially in terms of new technologies, ideas, principles and applications. This intellectually challenging subject underpins the core technologies of the 21st century, and can be a route to many different career paths. The boundaries of Photonics extend from basic physics, chemistry, mathematics, statistics, computer science, to applied subjects like telecommunications, industrial automation, biotechnology etc. In true sense it is a multidisciplinary subject, which has a unique, well-crafted role to play as a bridge between the basic sciences, applied sciences and technological disciplines.

Realizing the growing importance of Photonics, the present syllabi of M.Tech. in Optoelectronics & Laser Technology were meticulously drafted long ago in 2008, with minor modifications in subsequent years with involvement of majority of stake holders and following a top down approach, i.e. identifying the projected on-job requirements after graduation and then organizing them in hierarchical manner with fundamentals at the first Semester and becoming more application oriented and advanced for subsequent years. The present syllabi designed are on par, in content and scope, with **International School of Photonics CUSAT and various other contemporary leading institutions across the globe.**

The Chairman said that on suggestions of various Experts, the contents are designed by the faculty considering the various aspects and need of the society. The members appreciated the contents of the syllabus and it was resolved as under:

**"Resolved that the syllabus of M.Tech. in Optoelectronics & Laser Technology Sem-I to Sem - IV be approved & recommended to Academic Section of the University for further action."**

**ITEM NO. 2** Appreciation of Board of Studies and other members who contributed to prepare syllabus.

The Chairperson reported the members about the efforts of all the members of Board of Studies and other External and internal members to prepare the syllabus of the subject of M.Tech. in Optoelectronics & Laser Technology from the academic year 2018-19.

It was resolved as under, **"Resolved that the Appreciation of Board of Studies members and External Experts who contributed to prepare syllabus be noted."**

**ITEM NO.3** Any other item with the permission of Chair.

There being no other matter, the meeting was concluded with a vote of thanks to the chair.

10/11/18  
29/06/18

29/06/2018 2

29.6.18

29.06.2018

29.06.18

## MINUTES

### Joint Board of Studies

S.O.S. in Electronics & Photonics & S.O.S. in Physics & Astrp Physics

Pt.Ravishankar Shukla University, Raipur (C.G.)

Minutes of the meeting of Joint Board of Studies S.O.S. in Electronics & Photonics & S.O.S. in Physics & Astro Physics held at Office of S.O.S. in Physics & Astro Physics, Pt. Ravishankar Shukla University, Raipur at 12:00 pm on 18<sup>th</sup> Jan, 2019.

#### Members Present:

1. Dr. Sanjay Tiwari S.O.S. in Electronics & Photonics
2. Dr. Nameeta Brahme , Member Physics & Head S.O.S. in Physics
3. Dr. Kavita Thakur – Member Head S.O.S. in Electronics
4. Prof. D.P. Bisen Member Physics
5. Dr.Anubha Singh Gour Member Physics
6. Prof. N.K.Chakradhari , Member Physics
7. Prof. Akhilesh Jadhav , Member Physics
8. Prof.Maniram Dhivar

The leave of absence was granted to Prof,Goverdhan Yadu.

#### The Agenda for the meeting was as follows:

**ITEM NO. 1** To approve the syllabus of M.Tech. in Optoelectronics & Laser Technology (Sem I to Sem IV) for the academic session 2019-20 & recommend to Academic Section for further approval.

The members gone through the contents of the syllabus and it was resolved as under:

**"Resolved that the syllabus of M.Tech. in Optoelectronics & Laser Technology Sem-I to Sem – IV for Session 2019-20 be approved & recommended to Academic Section of the University for further action."**

**ITEM NO. 2** Appreciation of Board of Studies and other members who contributed to prepare syllabus.

The Chairperson reported the members about the efforts of all the members of Board of Studies and other External and internal members to prepare the syllabus of the subject of M.Tech. in Optoelectronics & Laser Technology from the academic year 2019-20.

It was resolved as under, **"Resolved that the Appreciation of Board of Studies members and External Experts who contributed to prepare syllabus be noted."**

**ITEM NO.3** Any other item with the permission of Chair.

There being no other matter, the meeting was concluded with a vote of thanks to the chair.

*Q. Sanjay Tiwari*  
18.1.19

*Nameeta Brahme*  
18/01/2019

*D.P. Bisen*  
18/01/2019

*Anubha Singh Gour*  
18/01/2019

*N.K. Chakradhari*  
18/01/19

*Akhilesh Jadhav*  
18.1.19

*Maniram Dhivar*



## MINUTES

### Board of Studies

S.O.S. in Electronics & Photonics

Pt. Ravishankar Shukla University, Raipur (C.G.)

Minutes of the meeting of Board of Studies S.O.S. in Electronics & Photonics held at Office of Head Electronics at 12:00 pm on 18<sup>th</sup> Jan. 2020.

#### Members Present:

1. Dr. Sanjay Tiwari S.O.S. in Electronics & Photonics
2. Dr. Kavita Thakur – Member Head S.O.S. in Electronics
3. Dr. P. Ojha External Expert Associate Professor, Department of Physics, Applied Physics, Guru Ghasidas University, Bilaspur

The leave of absence was granted to Prof. D. P. Ojha Professor, Department of Physics, Sambalpur University Sambalpur.

#### The Agenda for the meeting was as follows:

##### ITEM NO. 1 Approval of minutes of meeting held on 5.1.2019 and 18.01.2019

The members unanimously approved the minutes of last meeting held on 5.1.2019 and 18.01.2019.

##### ITEM NO. 2 To approve the syllabus of M.Sc. Electronics (Sem I to Sem IV), M.Phil. Electronics, PhD Course work, PhD & M.Sc Entrance examination syllabi and M.Sc. Electronics CBCS for the academic session 2020-22 & recommend to Academic Section for further approval.

The members gone through the contents of the syllabus and it were resolved as under:  
Resolved that the syllabus of M.Sc. Electronics (Sem I to Sem IV), M.Phil. Electronics, PhD Course work and M.Sc. Electronics CBCS for Session 2020-22 be approved & recommended to Academic Section of the University for further Action." It is also decided that a student with Bachelor in Vocation in Renewable Energy Technology & Management degree of the University is also eligible for admission to M.Sc. Electronics course.

##### ITEM NO. 3 To approve the syllabus of M.Tech. in Optoelectronics & Laser Technology (Sem I to Sem IV) and Entrance examination syllabi for the academic session 2020-22 & recommend to Academic Section for further approval.

The members gone through the contents of the syllabus and it were resolved as under:

Resolved that the syllabus of M.Tech. in Optoelectronics & Laser Technology Sem I to Sem – IV for Session 2020-22 & Entrance examination syllabi be approved & recommended to Academic Section of the University for further action

**ITEM NO. 4** To approve the syllabus & revised Regulation & Scheme of examination of B.Voc. in Renewable Energy Technology & Management (Sem I to Sem VIII) Entrance examination syllabi for the academic session 2020-22 and & recommended to Academic Section for further approval

The members gone through the contents of the syllabus and it were resolved as under:

**"Resolved that the syllabus & revised Regulation & Scheme of examination of B.Voc. in Renewable Energy Technology & Management (Sem I to Sem VIII) for Session 2020-22 onwards and Entrance examination syllabi be approved & recommended to Academic Section of the University for further action."**

**ITEM NO. 5** Appreciation of Board of Studies and other members who contributed to prepare syllabus

The Chairperson reported the members about the efforts of all the members of Board of Studies and other External and internal members to prepare the syllabus of the subject for the academic year 2020-22

It was resolved as under, **"Resolved that the Appreciation of Board of Studies members and External Experts who contributed to prepare syllabus be noted."**

**ITEM NO.3** Any other item with the permission of Chair

There being no other matter, the meeting was concluded with a vote of thanks to the chair



# प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

सूचना क्र. 0771/2282802 (अका.) 0771/2282804 (कक्षाधिकारी) 0771/2282811, 2282807

क्रमांक 1302/अमंडल/अका./2021

रायपुर, दिनांक 03.02.2021

## // संयुक्त बैठक की सूचना //

विज्ञान सकार्यात्मक भौतिकी अध्ययन मंडल एवं इलेक्ट्रॉनिक्स अध्ययन मंडल की संयुक्त बैठक 03.02.2021 को मध्यान्ह 01:00 बजे, भौतिकी अध्ययनशाला, प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर में आयोजित है।

सदस्यों की उपस्थिति प्राप्ति है।

विषय सूची :-पटल में प्रस्तुत की जावेगी।

आदेशानुसार,

03.2.21

विशेष कर्तव्यस्थ अधिकारी (अका.)  
रायपुर, दिनांक 03.02.2021

पृ.क्र./303/अका./2021

प्रतिलिपि :-

1. डॉ. दुर्गा प्रसाद बिसेन, अध्यक्ष, भौतिकी अध्ययन मंडल, आचार्य एवं अध्यक्ष भौतिकी अ.शाला, प. रावशंकर शुक्ल वि.वि., रायपुर
2. डॉ. कविता ठाकुर, अध्यक्ष, इलेक्ट्रॉनिक्स अध्ययन मंडल एवं आचार्य, इलेक्ट्रॉनिक्स अध्ययनशाला, प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर
3. डॉ. नमिता ब्रह्मे, आचार्य, भौतिकी अ.शाला, प. रावशंकर शुक्ल वि.वि., रायपुर
4. डॉ. गोवर्धन यदु, विभागाध्यक्ष, भौतिकी विभाग, शास. सजीव लेखन महा., राजिम, जिला-रायपुर
5. डॉ. एम.एल. वर्मा, विभागाध्यक्ष, भौतिकी विभाग शास. दू.व. महिला स्नातकोत्तर, महा., रायपुर
6. डॉ. श्रीमती अनुभा सिंह गौर, उपाचार्य, भौतिकी अ.शाला, प. रावशंकर शुक्ल वि.वि., रायपुर
7. डॉ. रवि शर्मा, विभागाध्यक्ष, भौतिकी विभाग, शास. कला एवं वाणिज्य कन्या महा., देवेन्द्र नगर, रायपुर
8. डॉ. प्रफुल्ल कुमार व्यास, विभागाध्यक्ष, भौतिकी विभाग, दिशा महाविद्यालय, रामनगर कोटा, रायपुर
9. डॉ. युगल किशोर महिपाल, सहायक आचार्य, भौतिकी अ.शाला, प. रावशंकर शुक्ल वि.वि., रायपुर
10. डॉ. संजय तिवारी, आचार्य, इलेक्ट्रॉनिक्स अध्ययनशाला, प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर
11. श्री लक्ष्मीकांत, मूलविज्ञान केंद्र प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर
12. अध्यक्ष, भौतिकी अध्ययनशाला, प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर को इस अनुशोध के साथ प्रेषित। उक्त बैठक आयोजन हेतु व्यवस्था कराने का कष्ट करेंगे।
13. कुलपति जी के सचिव/कुलसचिव के निज सहायक/विताधिकारी प. रावशंकर शुक्ल विश्वविद्यालय, रायपुर सूचनाथ प्रेषित।

03.2.21

कक्षा अधिकारी (अका.)

057

A meeting of joint Board of Studies in Physics and Electronics was held on 03.02.2021 at 1pm in SoS in Physics and Astrophysics, Pt Ravishankar Shukla University, Raipur. Following members were present –

1. Dr(Prof) Kavita Thakur, Chairperson , BOS in Electronics , PRSU Raipur
2. Dr (Prof) Sanjay Tiwari, Member, BOS in Electronics, PRSU Raipur.
3. Dr D P Bisen,
4. Dr Nameeta Brahme,
5. Dr Anubha Singh Gaur
6. Dr Lakshmikant Chaure
7. Dr. Ravi Sharma
8. Dr Prafulla Vyas
9. Dr Yugal Kishore Mahipal

After a detailed discussion on the agendas mentioned in Letter no 1302/Board of Studies/2021 Raipur, dated 03.02.2021, following decisions had been taken –

1. All the members of the board was unanimously recommended the names of following professors as External members for joint Board of Studies in Physics & Electronics –

a. Dr H S Tewari  
Associate Professor,  
Department of Pure and Applied Physics,  
Guru Ghasidas Vishwavidyalya,  
Koni, Bilaspur, CG.  
Mail id: tewari.hs@gmail.com  
Contact no. 9424140587

b. Dr. R K Tiwari  
Professor  
Department of Physics,  
Jiwaji University, Gwalior, MP  
Mail id: phy05@rediffmail.com  
Contact no. 9425711923

2. Detailed discussions were held on Coding of question papers and following recommendations were proposed -

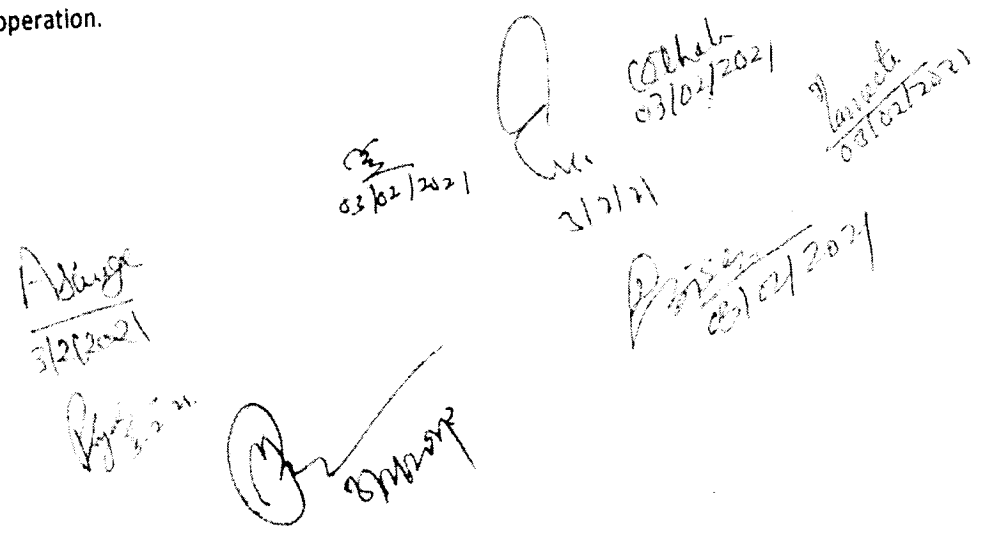
Name of Faculty	Name of Paper	Subject Code	Paper Code
3.	M. Tech. (First) Semester Optoelectronic and Laser	M. Tech	

Handwritten signatures and dates are present below the table, including:

- 03/02/2021
- 03/02/2021
- 03/02/2021
- 03/02/2021
- 03/02/2021
- 03/02/2021

Science Faculty	Technology	0307			
	Paper I Modern Optics			OE -11	
	Paper II Laser Technology			OE -12	
	Paper III Optoelectronics			OE -13	
	Paper III Optical Communication			OE -14	
	Seminar			OE -14	
	Comprehensive Viva voce			OE -15	
	Photonics Lab-I			OE -16	
	Quantum Optics (Elective)			OE -17	
	<b>M. Tech. (Second) Semester Optoelectronic and Laser Technology</b>		M. Tech 0307		
	Paper I Physics of Advanced Materials				OE -21
	Paper II Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies				OE -22
	Paper III Optical Networks				OE -23
	Paper IV Advance Optical Communication				OE -24
	Seminar				OE -25
	Comprehensive Viva voce				OE -26
	Photonics Lab-II				OE -27
	Photonics Materials and Devices (Elective)		OE -28		
	<b>M. Tech. (Third) Semester Optoelectronic and Laser Technology</b>				
	Major Project Phase -I		OE -31		
	<b>M. Tech. (Fourth) Semester Optoelectronic and Laser Technology</b>				
	Major Project Phase -II		OE -41		
	Comprehensive Viva- Voce		OE -42		

At the end, chairperson conveyed hearty thanks to all the members of the board for their cooperation.


  
 A. B. Singh 3/2/2021  
 03/02/2021  
 3/2/21  
 03/02/2021  
 03/02/2021  
 03/02/2021  
 03/02/2021