APPENDICES
QUESTIONNAIRE FOR THE STUDENTS

A COMPARATIVE STUDY OF DEGREE LEVEL PHYSICS COURSE OF INDIRA GANDHI NATIONAL OPEN UNIVERSITY (IGNOU) AND UNIVERSITIES IN KARNATAKA

RESEARCH GUIDE
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DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
KARNATAK UNIVERSITY, DHARWAD - 580001
KARNATAKA (INDIA)

2000
Dear Students,

The purpose of this questionnaire is to compare the B.Sc. physics course of IGNOU and that of other conventional universities in Karnataka State. Please fill in the following information by tick (\checkmark) mark / fill in the gap / writing few sentences, yes/no type against each as directed. The information will be kept strictly confidential and is utilised for research purpose only.

Thanking you,

Yours’ Sincerely

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SECTION 'A'

BIODATA

1) Name of Student:_____________________________________________________

2) Age:__________________ Sex:________

3) Course opted at B.Sc.:______________________________________________

4) Name of the State Region to which you belong
   State:_______________ Region:________________________

5) Employed not Employed:___________________________________________

6) Institute where working:____________________________________________
   Private / Public / Business

7) Experience in organisation:_________________________________________

8) Qualification already acquired
   a) Matric / SSLC   d) other
   b) PUC-I / II
   c) B.P.P. from IGNOU

9) B.Sc.: 1st year B.Sc.
    2nd year B.Sc.
    3rd year B.Sc.

10) Write three equal subjects /optionals offered
    a)
    b)
    c)

11. Day and date of filling the questionnaire
INFRASTRUCTURE

1) Whether the building of the study centre / college is fairly satisfactory ?
   
2) Whether the study centre / college is having office room ?
   
3) Whether the study centre / college is having a separate common staff room ?
   
4) Whether there are sufficient classrooms for counselling / teaching ?
   
5) Do you feel that the study centre / college is having a separate physics department ?
   
6) Whether there is a separate library building ?
   
7) Whether there is a separate physics laboratory to do practicals ?
   
8) Whether you are satisfied with the laboratory building / facilities ?
   
9) Whether hostel facility is available for boys ?
   
10) Whether hostel facility is available for girls ?
   
11) Whether computer facility is available in the study centre/ college ?
12) Whether internet facility is available in the study centre / college?  
   Yes / No

13) Whether xerox facility is available in the study centre / college?  
   Yes / No

14) Whether admission procedure is flexible?  
   Yes / No

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**PHYSICS COURSE CONTENT**

1) Whether some units / topics are left out without counselling / teaching?  
   Yes / No

2) Do you feel that some topics need more explanation?  
   Yes / No

3) Do you feel that there is Co-relation between the different topics in the syllabus?  
   Yes / No

4) Do you feel that the arrangement of the topics in the syllabus is logically psychologically arranged?  
   Yes / No

5) Do you feel that IGNOU / Conventional University has prescribed good syllabus?  
   Yes / No

6) Since how long the syllabus is existing? Please mention.  
   Yes / No

   For________year's

7) Whether the syllabus is containing modern topics based on present situation and needs?  
   Yes / No
8) Do you feel that the syllabus should be modified at present?  
Yes / No

9) Do you feel that the syllabus prescribed is too heavy?  
Yes / No

10) Whether the theory portion is supported by laboratory work?  
Yes / No

11) Do you feel that the present B.Sc. Physics course is prospective for your future?  
Yes / No

12) Do you feel that the course content for each chapter/credit is too much?  
Yes / No

13) Whether the portion (syllabi) is covered well in time?  
Yes / No
   If No, please give one or two reasons
   a)  
   b)

14) Do you feel that the course content you study at IGNOU has lot difference with the conventional universities?  
Yes / No

15) Do you get the reference materials according to the course content given?  
Yes / No

16) Do you feel that equal importance has been given for each unit in the syllabus for each year of B.Sc. Course?  
Yes / No

17) Is it difficult to solve the problems of each topic/unit  
Yes / No

18) Is it very difficult to remember the equations and formulas from the print material.  
Yes / No

19) Do you feel it difficult to do the calculations on your own even after explaining?  
Yes / No
20) Which are the topics you feel difficult to understand
(Please tick)
a) Mathematical methods in physics
b) Thermodynamics and Statistical Mechanics.
c) Electric and Magnetic phenomena
d) Electrical circuits and electronics
e) Modern physics etc.

21) Which are the topics you feel difficult to understand
(Please tick)
a) Spectroscopy
b) Wave Mechanics
c) Solid state Physics and Electronics
d) Optics and Electromagnetism
e) Electricity
f) Atomic, Molecular and Nuclear Physics etc.

22) Do you feel that the teachers provided written notes on most of the topics ? Yes / No

23) Do you feel that the written notes / print material provided are easy to understand on your own ? Yes / No

24) Do you feel that the time is very short to understand and write in examination ? Yes / No

25) Do you feel that the counsellor's / teachers's solves' relevant examples in the class ? Yes / No

26) You feel to study regularly, but you are not finding sufficient time. Yes / No

27) You feel that a subject like physics needs regular touch ? Yes / No
28) Do you prefer to go for private tuition classes to understand some of the topics? Yes / No

29) Do you contact some of the students of other conventional colleges for understanding the subject? Yes / No

30) Do you feel it difficult to write assignments on your own without proper guidance from the counsellors? Yes / No

31) Whether you feel that the counsellors/teachers should adopt different methods of teaching? Yes / No

32) Do you feel that the counsellors/teachers teach very fast? Yes / No

33) Do you feel that the counsellor's/teacher's solves subject based problems in the class? Yes / No

34) Whether your college/study centre is having teacher's who are specialised in different areas of physics. Yes / No

35) Do you feel that the counsellor's/teachers clarify the doubts to your satisfaction? Yes / No

LIBRARY

1) Whether the librarian is available? Yes / No

2) Whether the Assistant librarian is available Yes / No

3) Whether the clerk(s) are available? If yes, how many please mention. Yes / No
4) Whether the peon(s) are available. If yes, how many please mention

5) Whether the text books are sufficient in number with respect to physics course?

6) Whether sufficient number of reference books are available in physics?

7) Whether the journals are available in physics?

8) Whether the periodicals are sufficient in available?

9) Whether encyclopedias are present?

10) Whether any new books are added to the library every year?

11) Whether books are issued to students for home reading?

12) Whether catalogue system is present?

13) Do you feel that computer facility is available?

14) Do you feel that Internet system is available?

15) Do you feel that xerox facility is available?

16) Whether the working hours is sufficient?
    If No, what should be the working hours

17) Whether the staff of study centre extended good cooperation?

18) Do you feel that the library is kept open during examination?

19) Whether television set is available?
20) Whether video cassette receiver is available ? Yes / No

21) Whether Audio Cassettes in physics are available for all the blocks ? Yes / No

22) Whether video cassettes in physics are available for all the blocks ? Yes / No

Physics Laboratory

1) Do you feel that the laboratory is well equipped with required apparatus in good condition ? Yes / No
If No, give one or two reasons
a) b)

2) Whether same facility is provided as in other regular colleges ? Yes / No
If No, give one or two reasons.
a) b)

3) Whether counsellor’s / teacher’s took regular attendance during laboratory work ? Yes / No

4) Whether the practicals are conducted according to the Time-table Yes / No

5) Whether some practicals are not conducted due to current failure or some other reason. Yes / No
6) During current failure, whether alternative arrangement is made to complete the experiment. If yes, what is the alternative arrangement please mention
   a) b) 

7) Weekly how many practicles are conducted for you in physics
   a) B.Sc.-I _______ b) B.Sc.-II _______ c) B.Sc.-III _______

8) Whether the staff are sufficient while conducting experiment's

9) Do you feel that the duration given for each experiment is enough?

10) Whether the whole year experiments are conducted within the stipulated time?

11) Whether the instructions given by the teachers at the time of conducting practical is sufficient.

12) Whether the experiments are useful with respect to real life experiences?

13) Whether the weightage given for practical work is sufficient? If No, what percentage do you expect please mention.

14) Whether the teachers/counsellors give proper guidance during the laboratory work?
15) Have you maintained work book / laboratory journal for calculations? Yes / No

16) Whether the calculations are done immediately after completion of each experiment? Yes / No

17) Whether repetition of the practicals is allowed whenever necessary? Yes / No

18) Do you feel that experimental skills are developed in you while you performed the experiment? Yes / No

19) Whether tests are conducted in physics? Yes / No

20) Whether audio cassettes are utilised during laboratory work in PHE? Yes / No

21. Whether video cassettes are utilised during laboratory work in PHE? Yes / No

22) Whether the laboratory work is conducted during the academic year at your study centre? Yes / No
   If No, please mention where it was conducted

23) Whether the practical's are made to do hurriedly? Yes / No

24) Attendance during the laboratory work is compulsory. Yes / No
Co-curricular Activities

1) Whether cultural activities are conducted? Yes / No
   If No, would you like it to be conducted please explain in few words.

2) Have you enjoyed the cultural activities conducted? Yes / No

3) Whether activities like debate is conducted? Yes / No
   If No, would you like it to be conducted please say in few words.

4) Whether quiz programmes are conducted? Yes / No

5) Whether essay competitions are held? Yes / No

6) Whether sports activities are conducted? Yes / No
   If yes, which are the activities conducted
   a) 
   b) 
   c) 

7) Have you participated in any of the sports activities? Yes / No
   If yes, please name one or two
8) Have you got any prize for any of the sports activities? 
   If yes, please mention which place did you get and what prize did you get in few words.

9) Have you participated in the university level sports activities? 

10) Have you participated in the International sports activities? 

**Evaluation And Result**

1) Do you like the question paper pattern of theory examination? 
   If No, how it has to be please write few sentences

2) Do you like the present examination system? 
   If No, how it has to be please suggest in few sentences

3) Do you feel that the examination time-table is confused? 

4) Whether you have provision to take admission to any other regular / conventional universities and continue the Post Graduation studies?

5) Are you satisfied with the marks that you secured in theory examination?

6) Are you satisfied with the marks that you secured in practical examination?

7) Do you feel difficult to write assignments? 

8) Have you got any prize for any of the sports activities? 
   Yes / No

9) Have you participated in the university level sports activities? 
   Yes / No

10) Have you participated in the International sports activities? 
    Yes / No

**Evaluation And Result**

1) Do you like the question paper pattern of theory examination? 
   Yes / No
   If No, how it has to be please write few sentences

2) Do you like the present examination system? 
   Yes / No
   If No, how it has to be please suggest in few sentences

3) Do you feel that the examination time-table is confused? 
   Yes / No

4) Whether you have provision to take admission to any other regular / conventional universities and continue the Post Graduation studies?
   Yes / No

5) Are you satisfied with the marks that you secured in theory examination? 
   Yes / No

6) Are you satisfied with the marks that you secured in practical examination? 
   Yes / No

7) Do you feel difficult to write assignments? 
   Yes / No
8) Whether the assignments to be written are too much? 

9) Whether you are satisfied with the marks / grade that you got in Tutor -Marked Assignments? 

10) Whether you are satisfied with the marks / grades that you got in computer marked assignments? 

11) Whether the provision of re-evaluation system exists? 

12) Whether the provision of re-checking of answer scripts system exists? 

13) Whether the provision of re-totaling of examination marks system exists? 

14) Whether you feel that B.Sc. physics course would be benefitted in future? 

15) Do you like the present evaluation system? 

16) Whether the evaluator gave satisfactory comments on assignments? 

17) Do you prefer studying B.Sc. physics course through (Tick \( \checkmark \)) a) conventional colleges? 

   b) Distance mode 

18) Do you like the continuous evaluation system through assignments? 

19) Do you like the system of term end examination system?