MEDININAGAR PALAMAU-822101
JHARKHAND,INDIA



PROJECT OF PHYSICS ON

OPTICAL FIBRE & ITS APPLICATION

Under The Guidance of

Dr. Shrawan Sir

SUBMITTED BY -

NAME 1-**JAVED ANSARI**

ROLL NO. 18MS5503214

REGD, NO. NPU/00500/11

SESSION :- 2018-2020

COLLEGE UNIVERSITY DEPTT OF PHYSICS -

UNIVESITY NILAMBER PITAMBER UNIVERSITY

Signature of Internal Examiner

Signature of External Examine

DECLARATION

A ITS APPLICATION" is done by me under the supervision, Dr S. Kumar & Dr. R.K Jha Sir Dept. of physics G.L.A College, Medininagar by maintaining the requisite number of terms and condition based on available original source. It has not been submitted to any other university or institution for the award of any degree.

Javed ansari

Name of Student:

Javed Ansari

Reg. No. : NPU/00500/11

Roll No. : 18MS5503214

Class : M.Sc, SEMESTER-IV

Subject : PHYSICS

Session : 2018-2020

UNIVERSITY DEPTT OF PHYSICS, NPU

PHYSICS DEPARTMENT



To Study the optical fibre and its applications

Index

	1. Important Terms	01.06
	2. Introduction of Optical Fibre	01-06
	3. History of optical fibre	07
4	4. Theory/ Principle of operation	07-08
4	5. Structure of optical fibre	08-10
6	6. Optical fibre system	10-12
7	Application of optical fibre	12-13
8.	Application of optical fibre	13-14
9.	Advantages and disadvantages of optical fibre	15-17
10	Classification based on modes of light propagation	17-18
11	Fibre optic sensors Manufacturing Material	19
12.	. Manufacturing Materials	19-21
13.	Conclusion	21-24
14	Conclusion	25
	Bibliography	25