



44

PURNEA UNIVERSITY, PURNIA
BIHAR - (854301)
Faculty of Commerce and Management

Prof. (Dr.) Jawahar Lal Roy
Dean & PG Head

E-mail: roy.jawaharlal@gmail.com
E-mail: dcmpup@gmail.com
Mob: (+91) 9113343263
Mob: (+91) 9065959699

Ref. no.

Date ...31.12.2022

To,
The Deputy Registrar (Academic)
Purnea University, Purnia

Subject: Submission of Ph D Progress Report of Sanatan Sinha.

Respected Sir,

With reference to the letter no. PUP (DSW/08/19)-31/22 dated - 18/07/2022, I am submitting the Progress Report of Mr. Sanatan Sinha, a Ph D research scholar in the faculty of Commerce, Purnea University registered under me with the Ph D title - "Human Resource Management, enhancing the skills of Human Resources of Jindal Steel & Power Limited, Jharkhand.

Enclosure

1. Progree report of Ph D
of Sanatan Sinha

28/Jan. 2020 to

31.12.2022

Enclosed.

Jawahar Lal Roy
31.12.2022

Supervisor/Guide

Prof (Dr.) Jawahar Lal Roy
Dean and P G Head
Faculty of Commerce and Management
Purnea University, Purnia
Bihar - 854301



Purnea University, Purnea

43

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

- Name of the Candidate: **Sanatan Sinha**
- Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
- Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
- Six-Monthly Progress report for the period, from January 2020 to 30th June 2020.
- Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
- Quantum of Ph.D. work completed:
(Please tick the appropriate box)

- a) 0 + 10% b) 11 + 20% c) 21 + 30%
 d) 31-50% e) 51-75% e) 76-100%

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
 *Sanatan Sinha has completed 10% of his thesis*
 *since Jan 2020 to 30.6.2020.*

Name & Signature of Supervisor *Jawahar Lal Roy*
 30.6.2020

Recommendation of the Departmental Research Committee (DRC)

..... *Not recommended*

[Signature]
 Signature of the Chairperson
 Departmental Research Committee



Purnea University, Purnea

242

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2. Registration No. :- PHDPU20COM03

3. Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources
of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :-

- ❖ Attended six months Research Methodology classes.

Sanatan Sinha
Signature of the Ph D Research Scholar
Sanatan Sinha



Purnea University, Purnea

41

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

- Name of the Candidate: **Sanatan Sinha**
- Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
- Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
- Six-Monthly Progress report for the period, from 01 July, 2020 to 31st December 2020.
- Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
- Quantum of Ph.D. work completed:
(Please tick the appropriate box)

a) 0 + 10% -	b) 11 + 20% <input checked="" type="checkbox"/>	c) 21+ 30% _____
d) 31-50% _____	e) 51-75% _____	e) 76-100% _____

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
..... Sanatan Sinha has completed his Ph.D thesis 20/.....
..... during the 6 month i.e. 1st July - 2020 to 31 Dec 2020

Name & Signature of Supervisor *Jawahar Lal Roy*
30.12.2020

Recommendation of the Departmental Research Committee (DRC)

..... *Recommend*

Jawahar Lal Roy
30/12/2020
Signature of the Chairperson

Departmental Research Committee



Purnea University, Purnea

40

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2. Registration No. :- PHDPU20COM03

3. Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :- after completion of Research Methodology classes:

- ❖ After completion of the course work, appeared in the exam.
- ❖ After passing out the exam, I moved to the field for the research.
- ❖ Visited and returned from the field.
- ❖ Joined library for the review of literature regarding my area of research.
- ❖ Attended libraries and studying various available literature, I discuss and constructed the literature review part of my research work.
- ❖ Holding discussion with and through the guidance of my supervisor, prepared a questionnaire for collection of primary data for JSPL, Patratu.
- ❖ Studied the universe of the workers of JSPL, Patratu, and after consultation with my supervisor, selected a sample representing the universe of the human resource employed at JSPL, Patratu.

Sanatan Sinha

Signature of the Ph D Research Scholar

Sanatan Sinha



Purnea University, Purnea

39

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

1. Name of the Candidate: **Sanatan Sinha**
2. Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
3. Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
4. Six-Monthly Progress report for the period, from 01 January, 2021 to 30 June, 2021.
5. Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
6. Quantum of Ph.D. work completed:
(Please tick the appropriate box)

a) 0 + 10% - <input type="checkbox"/>	b) 11 + 20% <input type="checkbox"/>	c) 21+ 30% <input checked="" type="checkbox"/>
d) 31-50% <input type="checkbox"/>	e) 51-75% <input type="checkbox"/>	e) 76-100% <input type="checkbox"/>

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
 Sanatan Sinha, research scholar has completed his thesis work under my supervision on the topic "Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand" from 01 Jan 2021 to 30 June 2021

Name & Signature of Supervisor *Jawahar Lal Roy*
30.6.2021

Recommendation of the Departmental Research Committee (DRC)

..... *Recommended*

[Signature]
Signature of the Chairperson

Departmental Research Committee



Purnea University, Purnea

38

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2. Registration No. :- PHDPU2OCOM03

3. Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :- After completion of Literature Review from the Library:

- ❖ After collecting the secondary data from various sources like publications, articles, journals, newspapers, books published by various authors, I have written them roughly for future use in my thesis.
- ❖ After completion of library work, I frequently visited Patratu, to study the field of my research work.
- ❖ Prepared questionnaire with the guidance from my supervisor, I mock tested it in the field.
- ❖ After rectifying the questionnaire, I again moved to Patratu and stayed there in a rented accommodation to conduct interviews.
- ❖ Attended the International seminar on Population Growth and Challenges, organised by ISDR, Ranchi and presented a paper titled- "Need for enhancement of skills for the growing population in India".
- ❖ Visited the HR Department of JSPL, Patratu and get the permission for studying the premises.
- ❖ Started conducting interviews with the human resources of JSPL, Patratu.

Sanatan Sinha
Signature of the Ph D Research Scholar

Sanatan Sinha



Purnea University, Purnea

37

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

1. Name of the Candidate: **Sanatan Sinha**
2. Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
3. Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
4. Six-Monthly Progress report for the period, from 01 July, 2021 to 31st December, 2021.
5. Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
6. Quantum of Ph.D. work completed:
(Please tick the appropriate box)

- | | | |
|---|--------------------------------------|-------------------------------------|
| a) 0 + 10% - <input type="checkbox"/> | b) 11 + 20% <input type="checkbox"/> | c) 21+ 30% <input type="checkbox"/> |
| d) 31-50% <input checked="" type="checkbox"/> | e) 51-75% <input type="checkbox"/> | e) 76-100% <input type="checkbox"/> |

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
 ...Sanatan Sinha... has... completed... his... ph. D. thesis...
 ...50%... during the 6 month period i.e. 1st July 2021 to
 ...31st Dec 2021... under my supervision and guidance.

Name & Signature of Supervisor

Jawahar Lal Roy
31/12/2021

Recommendation of the Departmental Research Committee (DRC)

.....
Deep Kumar

[Signature]
 Signature of the Chairperson
 31.12.2021
 Departmental Research Committee



Purnea University, Purnea

136

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2. Registration No. :- PHDPU20COM03

3. Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :- During the field work of data collection in JSPL, Patratu:

- ❖ Conducted interview schedule in JSPL, Patratu.
- ❖ Attended library at Radha Govind University for references regarding the data collection.
- ❖ Send the collected primary data for SPSS analysis.
- ❖ After getting the SPSS analysis report, re conducted several interviews.
- ❖ After finalizing the data analysis, I moved back to the university.
- ❖ I discussed the collected data with my supervisor and according to his guidance, I further critically arranged and analysed the primary and secondary data.

Sanatan Sinha

Signature of the Ph D Research Scholar

Sanatan Sinha



Purnea University, Purnea

BS

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

1. Name of the Candidate: **Sanatan Sinha**
2. Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
3. Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
4. Six-Monthly Progress report for the period, from 01 January, 2022 to 30th June, 2022.
5. Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
6. Quantum of Ph.D. work completed:
(Please tick the appropriate box)

a) 0 + 10% - <input type="checkbox"/>	b) 11 + 20% <input type="checkbox"/>	c) 21+ 30% <input type="checkbox"/>
d) 31-50% <input type="checkbox"/>	e) 51-75% <input checked="" type="checkbox"/>	e) 76-100% <input type="checkbox"/>

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
Sanatan Sinha has completed his ph.d. thesis 75% during the period 1st Jan 2022 to 30.6.2022 under my supervision.

Name & Signature of Supervisor

Jawahar Lal Roy
30.6.2022

Recommendation of the Departmental Research Committee (DRC)

.....
[Signature]

Signature of the Chairperson

Departmental Research Committee



Purnea University, Purnea

34

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2. Registration No. :- PHDPU2OCOM03

3. Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :- after collection and analysis of the primary and secondary data:

- ❖ After completion of data collection, I arranged the primary and secondary data according to the advice of my supervisor.
- ❖ frequently visited my supervisor and discussed about the data and how to arrange it accordingly.
- ❖ After in-depth discussion and study, I started writing my thesis.

Sanatan Sinha
Signature of the Ph D Research Scholar

Sanatan Sinha



Purnea University, Purnea

133

Format for submission of Six-Monthly Progress Report (To be submitted by the Ph.D. Research Scholar)

1. Name of the Candidate: **Sanatan Sinha**
2. Names(s) of the Supervisor and Co-Supervisor: **Prof. (Dr) Jawahar Lal Roy**
3. Topic of research:
Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand
4. Six-Monthly Progress report for the period, from 01 July, 2022 to 31st December, 2022.
5. Progress Report to be submitted in detail on separate sheet (Please add separate sheet, if necessary)
6. Quantum of Ph.D. work completed:
(Please tick the appropriate box)

a) 0 + 10% - <input type="checkbox"/>	b) 11 + 20% <input type="checkbox"/>	c) 21+ 30% <input type="checkbox"/>
d) 31-50% <input type="checkbox"/>	e) 51-75% <input type="checkbox"/>	e) 76-100% <input checked="" type="checkbox"/>

Sanatan Sinha
(Signature of the Ph.D. research Scholar)

7. Remarks of the Supervisor:
Sanatan Sinha Research scholar, commerce has completed his Ph.D thesis work during the period 1st July 2022 to 31.12.2022 under my supervision

Name & Signature of Supervisor

Jawahar Lal Roy
31.12.2022

Recommendation of the Departmental Research Committee (DRC)

.....
.....

.....
Signature of the Chairperson
31.12.22
Departmental Research Committee



Purnea University, Purnea

132

PROGRESS REPORT OF Ph.D. WORK

1. Name of Research Scholar :- Sanatan Sinha

2.Registration No. :- PHDPUZOCOM03

3.Title of the Ph.D. thesis :-

Human Resource Management, Enhancing the Skills of Human Resources of Jindal Steel & Power Limited, Jharkhand

4. Progress Report :- During the writing of my thesis :

- ❖ I frequently visited my supervisor to seek the advice regarding the writing of the thesis.
- ❖ After roughly writing the thesis, I discussed it with my supervisor, who checked and suggested many changes.
- ❖ After recheck by the supervisor, I corrected the parts of the thesis and again get back to my supervisor.
- ❖ After in-depth discussion and several changes, my supervisor gave me go ahead for final writing of the thesis.
- ❖ After finally writing the thesis and being checked it by my supervisor, I am ready to submit my PhD thesis to the University.
- ❖ In between my thesis writing, I attended a National Seminar on "Climate Change and Sustainable Development", organised by ISDR, Ranchi, and presented a research paper entitled "Role of Human Resources in Improving environmental health".

Sanatan Sinha

Signature of the Ph D Research Scholar

Sanatan Sinha