



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
Plot No.1 (A), CNI Complex, Patia, Bhubaneswar – 751024, Odisha, India.
[AFFILIATED TO BPUT, ODISHA]
www.coeb.ac.in

PG DEPARTMENT OF MASTER OF COMPUTER APPLICATION

ADD-ON COURSE : Search Engine Optimization (SEO)
[Programme: MCA]

Course Objectives:

1. To know about the functional units and operational abilities of a computer systems.
2. To know about the computer different software optimization associated in problem solving using computer systems.
3. To gain a clear approach on analyzing problems and their implementation on computer systems through different programming language.

SYLLABUS

Total Lecture Hours : 36

MODULE-I: Introduction to Search Engine Optimization

[09 periods]

SEO Basics Introduction about Domain, World Wide Web, Difference between Portal & Search Engine, Importance of Search Engine, Working of search engine, Difference between directories & search engine. Website performance monitor in search engine.

MODULE-II: Working process of SEO for Web Searching

[07 periods]

Introduction to SEO, Web Traffic, Need of SEO, Working of SEO, Steps in SEO, Types of SEO techniques : Black Hat Techniques, White Hat Techniques.

MODULE-III: Building Web APIs using SEO

[11 periods]

Keyword Research & Analysis Introduction to Keyword research: Types of keywords, Keyword research methodology, keywords analysis tools, Preparing keyword list, localized keyword research, Keyword density, Keyword prominence, keyword stuffing.

MODULE-IV: SEO Application in Website Design

[09 periods]

On Page Optimization Basis of website designing, Essentials of good website designing, HTML Basics for SEO : Page Title, Meta Descriptions & Meta Keywords, Headings, Bod Text, Image & Alt tag, Invisible text, HTML Site Map Creation, Web Master Tools

Course Outcomes: After completion of the course, the students will be able to

- CO1: Understand Search Engines & Ranking Concepts
- CO2: Learn How to perform Keyword Research
- CO3: Know SEO Best Practices to incorporate on a Website.
- CO4: Understand Off-Page Optimization and implementation method.
- CO5: Analyze & Monitor SEO progress using free tools


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Evaluation Process:

1. Attendance for the course is 75%, which is mandatory.
2. Minimum qualifying marks percentage for the course is 50.
3. Certificate will be issued after successful completion of course and assessment processes.

Learning resources:**Suggested Books:**

1. The Art of SEO: Mastering Search Engine Optimization 3rd Edition by Eric Enge, Stephan Spencer and Jessie Stricchiola, O Reilly Publication
2. Search engine optimization 2017: Learn SEO with smart internet marketing
3. strategies Paperback by Adam Clarke, Search Engine Optimization All-in-One For Dummies 3rd Edition by Bruce Clay

Design and Developed by: Prof. Surendra Panda & Prof. B.B. Biswal



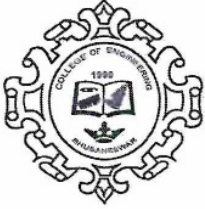
Principal



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H.O.D, MCA
HOD MCA
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COLLEGE OF ENGINEERING BHUBANESWAR
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NOTICE

ADD-ON/CERTIFICATE COURSE

Ref No: COEB/MCA/2019/26

Date: 06/08/2019

It is for the information of all the students of 1st/ 3rd semester that the classes for the Add-On/Certificate Courses for the **Academic Year 2019-20** will commence as per the time table given below.. The registration process for the course will start from **07/08/2019**. The interested students to enroll themselves for the course are advised to contact the concerned Course Coordinators for the details.

Semester	Course Title	Course Coordinator	Date of Commencement
1st	Search Engine Optimization	Prof. Prasanna Kumar Mishra	13/8/2019
3rd	Django and DRF Framework	Prof. Manas Ranjan Satpathy	13/8/2019

The class timing will be from **5.30 pm to 7.30 pm.**

Head of the Department

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COLLEGE OF ENGINEERING BHUBANESWAR

Copy to:

1. Office of the Chairman/ Vice-Chairman for kind information.
2. Office of the Executive Director for kind Information.
3. Office of the Registrar for kind Information.
3. Office of the Principal for kind information.
4. Departmental Notice Board.
5. Guard File

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Head of the Department

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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE

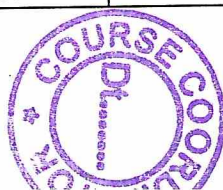
STUDENT ENROLLMENT SHEET

Name of the Department: MCA	
Course Title: Search Engine Optimization	
Semester : 1st	Academic Year: 2019-20

Student's Declaration/Undertaking

- I do hereby undertake to participate in the above mentioned add on course.
- I do hereby, promise to abide by the admissible rules and regulations, concerning discipline, attendance, etc. of the department, and also to follow the Code of Conduct prescribed for the students of the Institute, as in force from time to time.

Sl. No.	Registration No.	Name of the Student	Signature of the Student
1	1905219001	BIBHUDATTA SAHOO	Bibhudatta Sahoo
2	1905219002	CHETANA SHARMA	Chetana Sharma
3	1905219003	DAMAYANTI PRADHAN	Damayanti Pradhan
4	1905219004	JAGAT NARAYAN ROUT	Jagat Narayan Rout
5	1905219005	JAYASHREE SAHOO	Jayashree Sahoo
6	1905219006	LIPIKA BEHERA	Lipika Behera
7	1905219007	LOPAMUDRA PRADHAN	Lopamudra Pradhan
8	1905219008	PAYAL BEHERA	Payal Behera
9	1905219009	PRASANT HUIKA	Prasant Huika
10	1905219010	RAJESH SWAIN	Rajesh Swain
11	1905219011	SAROJ PANDA	Saroj Panda
12	1905219012	SASHIKANTA PANDA	Sashikanta Panda
13	1905219013	SATYARANJAN DASH	Satyaranjan Dash
14	1905219014	SUCHITRA MALIK	Suchitra Malik
15	1905219015	ABHISHIKTA SAMAL	Abhishikta Samal
16	1905219016	ADITYA PRASAD SARANGI	Aditya P Sarangi
17	1905219017	AMIT KUMAR BISWAL	Amit K. Biswal
18	1905219018	AMRITA SARANGI	Amrita Sarangi
19	1905219019	ANUSRITI MAHATA	Anusriti Mahata
20	1905219020	ASHOK KUMAR PAL	Ashok Kumar Pal
21	1905219021	BIBHUDATTA PARIDA	Bibhudatta Parida
22	1905219022	GIRISH CHANDRA BEHERA	Girish Ch. Behera
23	1905219023	KANHU CHARAN MALLICK	Kanhucharan Mallick
24	1905219024	MANISHA LENKA	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI PRIYADARSHIN	Narahari H Priyadarshin
27	1905219027	NIKHAT ZAMAL YASMIN	Nikhat Zamal Yasmin
28	1905219028	POOJARANI ROUT	Poojarani Rout
29	1905219029	PRAVAT RANJAN PANDA	Pravat R Panda
30	1905219030	RINKU NAHAK	Rinku Nahak



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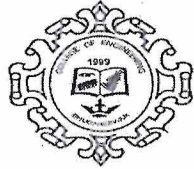
31	1905219031	SAMBIT KUMAR KAR	Sambit kar. kar
32	1905219032	SASMITA MOHANTY	Sasmita Mohanty
33	1905219033	SOUBHAGYABATI SAHOO	Soubhagyabati Sahoo
34	1905219034	SUBRAT KUMAR PANIGRAHI	Subrat Kumar Panigrahi
35	1905219035	SUCHISMITA DEHURY	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surajram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar.



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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

A. Bhuje
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Sheet No. 01

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hours</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>13-08-2019</u>	Date: <u>14-08-2019</u>	Date: <u>16-08-2019</u>
1	1905219001	BIBHUDATTA SAHOO	<i>Bibhudatta Sahoo</i>	<i>Bibhudatta Sahoo</i>	<i>Bibhudatta Sahoo</i>
2	1905219002	CHETANA SHARMA	<i>Chetan Sharma</i>	<i>Chetan Sharma</i>	<i>Chetan Sharma</i>
3	1905219003	DAMAYANTI PRADHAN	<i>Damayanti Pradhan</i>	<i>Damayanti Pradhan</i>	← ABS →
4	1905219004	JAGAT NARAYAN ROUT	<i>Jagat Narayan Rout</i>	<i>Jagat Narayan Rout</i>	<i>Jagat Narayan Rout</i>
5	1905219005	JAYASHREE SAHOO	<i>Jayashree Sahoo</i>	<i>Jayashree Sahoo</i>	<i>Jayashree Sahoo</i>
6	1905219006	LIPIKA BEHERA	<i>Lipika Behera</i>	<i>Lipika Behera</i>	<i>Lipika Behera</i>
7	1905219007	LOPAMUDRA PRADHAN	<i>Lopamudra Pradhan</i>	<i>Lopamudra Pradhan</i>	<i>Lopamudra Pradhan</i>
8	1905219008	PAYAL BEHERA	<i>Payal Behera</i>	<i>Payal Behera</i>	← ABS →
9	1905219009	PRASANT HUIKA	<i>Prasant Huika</i>	<i>Prasant Huika</i>	<i>Prasant Huika</i>
10	1905219010	RAJESH SWAIN	<i>Rajesh Swain</i>	<i>Rajesh Swain</i>	<i>Rajesh Swain</i>
11	1905219011	SAROJ PANDA	<i>Saroj Panda</i>	<i>Saroj Panda</i>	<i>Saroj Panda</i>
12	1905219012	SASHIKANTA PANDA	<i>Sashikanta Panda</i>	<i>Sashikanta Panda</i>	<i>Sashikanta Panda</i>
13	1905219013	SATYARANJAN DASH	<i>Satyaranjan Dash</i>	<i>Satyaranjan Dash</i>	<i>Satyaranjan Dash</i>
14	1905219014	SUCHITRA MALIK	<i>Suchitra Malik</i>	<i>Suchitra Malik</i>	<i>Suchitra Malik</i>
15	1905219015	ABHISHIKTA SAMAL	<i>Abhishikta Samal</i>	← ABS →	<i>Abhishikta Samal</i>
16	1905219016	ADITYA PRASAD SARANGI	← ABS →	<i>Aditya P Sarangi</i>	<i>Aditya P Sarangi</i>
17	1905219017	AMIT KUMAR BISWAL	<i>Amit Kumar Biswal</i>	<i>Amit Kumar Biswal</i>	← ABS →
18	1905219018	AMRITA SARANGI	<i>Amrita Sarangi</i>	<i>Amrita Sarangi</i>	<i>Amrita Sarangi</i>
19	1905219019	ANUSRITI MAHATA	<i>Anusriti Mahata</i>	<i>Anusriti Mahata</i>	<i>Anusriti Mahata</i>
20	1905219020	ASHOK KUMAR PAL	<i>Ashok Kumar Pal</i>	<i>Ashok Kumar Pal</i>	<i>Ashok Kumar Pal</i>
21	1905219021	BIBHUDATTA PARIDA	← ABS →	<i>Bibhudatta Parida</i>	<i>Bibhudatta Parida</i>
22	1905219022	GIRISH CHANDRA BEHERA	<i>Girish Ch. Behera</i>	<i>Girish Ch. Behera</i>	<i>Girish Ch. Behera</i>
23	1905219023	KANHU CHARAN MALLICK	<i>Kanhucharan Mallick</i>	<i>Kanhucharan Mallick</i>	← ABS →



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 01

Semester: 1st Academic Year: 2019-20

Course Code (if any): PG-2

Programme: Master in Computer Application

Name of the Course: Search Engine Optimization

Duration : 36 hrs			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: 13-08-2019	Date: 17-08-2019	Date: 16-08-2019
24	1905219024	MANISHA LENKA	Manisha Lenka	Manisha Lenka	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra	Mayurisini Besra	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI	Narahari H Priyadarshi	Narahari H Priyadarshi	Narahari H Priyadarshi
27	1905219027	NIKHAT ZAMAL YASMIN	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin
28	1905219028	POOJARANI ROUT	Poojarani Rout	Poojarani Rout	Poojarani Rout
29	1905219029	PRAVAT RANJAN PANDA	Pravet R Panda	Pravet R Panda	Pravet R Panda
30	1905219030	RINKU NAHAK	← ABS →	Rinku Nahak	Rinku Nahak
31	1905219031	SAMBIT KUMAR KAR	Sambit ku. kar	Sambit ku. kar	Sambit ku. kar
32	1905219032	SASMITA MOHANTY	Sasmata Mohanty	Sasmata Mohanty	Sasmata Mohanty
33	1905219033	SOUBHAGYABATI SAHOO	Soubhagyabati Sahoo	Soubhagyabati Sahoo	Soubhagyabati Sahoo
34	1905219034	SUBRAT KUMAR	Subrat Kumar	← ABS →	Subrat Kumar
35	1905219035	SUCHISMITA DEHURY	Suchismita Dehury	Suchismita Dehury	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surayram Parida	Surayram Parida	Surayram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar	Twinkle Kar	Twinkle Kar

Signature of the Course Coordinator

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ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

J. Bhujje
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Sheet No. 02Semester: 1st Academic Year: **2019-20**

Course Code (if any): PG-2

Programme: **Master in Computer Application**Name of the Course: **Search Engine Optimization**

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>19-08-2019</u>	Date: <u>20-08-2019</u>	Date: <u>21-08-2019</u>
1	1905219001	BIBHUDATTA SAHOO	Bibhudatta Sahoo	Bibhudatta Sahoo	Bibhudatta Sahoo
2	1905219002	CHETANA SHARMA	Chetan Sharma	← ABS →	Chetan Sharma
3	1905219003	DAMAYANTI PRADHAN	Damayanti Pradhan	Damayanti Pradhan	Damayanti Pradhan
4	1905219004	JAGAT NARAYAN ROUT	Jagat Narayan Rout	Jagat Narayan Rout	Jagat Narayan Rout
5	1905219005	JAYASHREE SAHOO	Jayashree Sahoo	Jayashree Sahoo	Jayashree Sahoo
6	1905219006	LIPIKA BEHERA	Lepika Behera	Lepika Behera	Lepika Behera
7	1905219007	LOPAMUDRA PRADHAN	Lopamudra Pradhan	Lopamudra Pradhan	Lopamudra Pradhan
8	1905219008	PAYAL BEHERA	Payal Behera	Payal Behera	Payal Behera
9	1905219009	PRASANT HUIKA	Prasant Huika	Prasant Huika	Prasant Huika
10	1905219010	RAJESH SWAIN	Rajesh Swain	Rajesh Swain	Rajesh Swain
11	1905219011	SAROJ PANDA	Saroj Panda	Saroj Panda	Saroj Panda
12	1905219012	SASHIKANTA PANDA	Sashikanta Panda	Sashikanta Panda	Sashikanta Panda
13	1905219013	SATYARANJAN DASH	Satyaranjan Dash	Satyaranjan Dash	Satyaranjan Dash
14	1905219014	SUCHITRA MALIK	Suchitra Malik	Suchitra Malik	Suchitra Malik
15	1905219015	ABHISHIKTA SAMAL	Abhishikta Samal	Abhishikta Samal	Abhishikta Samal
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17	1905219017	AMIT KUMAR BISWAL	Amit Kumar Biswal	Amit Kumar Biswal	Amit Kumar Biswal
18	1905219018	AMRITA SARANGI	Amrita Sarangi	Amrita Sarangi	Amrita Sarangi
19	1905219019	ANUSRITI MAHATA	Anusriti Mahata	Anusriti Mahata	Anusriti Mahata
20	1905219020	ASHOK KUMAR PAL	Ashok Kumar Pal	Ashok Kumar Pal	Ashok Kumar Pal
21	1905219021	BIBHUDATTA PARIDA	Bibhudatta Parida	Bibhudatta Parida	Bibhudatta Parida
22	1905219022	GIRISH CHANDRA BEHERA	Girish Ch. Behera	Girish Ch. Behera	Girish Ch. Behera
23	1905219023	KANHU CHARAN MALLICK	← ABS →	Kanhu Charan Mallick	Kanhu Charan Mallick



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 02

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>19-08-2019</u>	Date: <u>20-08-2019</u>	Date: <u>21-08-2019</u>
24	1905219024	MANISHA LENKA	Manisha Lenka	Manisha Lenka	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra	Mayurisini Besra	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI	Narahari H Priyadarshi	Narahari H Priyadarshi	Narahari H Priyadarshi
27	1905219027	NIKHAT ZAMAL YASMIN	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin
28	1905219028	POOJARANI ROUT	Poojarani Rout	Poojarani Rout	Poojarani Rout
29	1905219029	PRAVAT RANJAN PANDA	Pravat R Panda	Pravat R Panda	Pravat R Panda
30	1905219030	RINKU NAHAK	Rinku Nahak	Rinku Nahak	Rinku Nahak
31	1905219031	SAMBIT KUMAR KAR	← ABS →	Sambit ku. Kar	Sambit ku. Kar
32	1905219032	SASMITA MOHANTY	← ABS →	Sasmita Mohanty	Sasmita Mohanty
33	1905219033	SOUBHAGYABATI SAHOO	Soubhagyabati Sahoo	Soubhagyabati Sahoo	Soubhagyabati Sahoo
34	1905219034	SUBRAT KUMAR	← ABS →	Subrat Kumar	← ABS →
35	1905219035	SUCHISMITA DEHURY	Suchismita Dehury	Suchismita Dehury	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surayram Parida	Surayram Parida	Surayram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar	Twinkle Kar	Twinkle Kar

Signature of the Course Coordinator

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DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

A. Bhuje
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College of Engineering Bhubaneswar

Sheet No. 03

Semester: 1st Academic Year: 2019-20

Course Code (if any): PG-2

Programme: **Master in Computer Application**

Name of the Course: **Search Engine Optimization**

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>22-08-2019</u>	Date: <u>26-08-2019</u>	Date: <u>27-08-2019</u>
1	1905219001	BIBHUDATTA SAHOO	← ABS →	Bibhudatta Sahoo	Bibhudatta Sahoo
2	1905219002	CHETANA SHARMA	Chetan Sharma	Chetan Sharma	Chetan Sharma
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9	1905219009	PRASANT HUIKA	Prasant Huika	Prasant Huika	Prasant Huika
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15	1905219015	ABHISHIKTA SAMAL	Abhishikta Samal	Abhishikta Samal	Abhishikta Samal
16	1905219016	ADITYA PRASAD SARANGI	Aditya P Sarangi	Aditya P Sarangi	Aditya P Sarangi
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22	1905219022	GIRISH CHANDRA BEHERA	Girish Ch. Behera	Girish Ch. Behera	Girish Ch. Behera
23	1905219023	KANHU CHARAN MALLICK	← ABS →	← ABS →	Kanhu Charan Mallick



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 03

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>22-08-2019</u>	Date: <u>26-08-2019</u>	Date: <u>27-08-2019</u>
24	1905219024	MANISHA LENKA	Manisha Lenka	Manisha Lenka	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra	Mayurisini Besra	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI	Narahari H Priyadarshini	Narahari H Priyadarshini	Narahari H Priyadarshini
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28	1905219028	POOJARANI ROUT	← ABS →	Poojarani Rout	← ABS →
29	1905219029	PRAVAT RANJAN PANDA	Pravat R panda	Pravat R panda	← ABS →
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35	1905219035	SUCHISMITA DEHURY	Suchismita Dehury	Suchismita Dehury	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surajram Parida	Surajram Parida	Surajram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar	Twinkle Kar	Twinkle Kar
Signature of the Course Coordinator					

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**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)****DEPARTMENT OF MCA**

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET*K Bhuy*
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College of Engineering Bhubaneswar

Sheet No. 04Semester: 1st Academic Year: **2019-20**

Course Code (if any): PG-2

Programme: **Master in Computer Application**Name of the Course: **Search Engine Optimization**

Duration : <u>36hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>28-08-2019</u>	Date: <u>29-08-2019</u>	Date: <u>30-08-2019</u>
1	1905219001	BIBHUDATTA SAHOO	Bibhudatta Sahoo	Bibhudatta Sahoo	Bibhudatta Sahoo
2	1905219002	CHETANA SHARMA	Chetana Sharma	Chetana Sharma	Chetana Sharma
3	1905219003	DAMAYANTI PRADHAN	Damayanti Pradhan	Damayanti Pradhan	Damayanti Pradhan
4	1905219004	JAGAT NARAYAN ROUT	Jagat Narayan Rout	Jagat Narayan Rout	Jagat Narayan Rout
5	1905219005	JAYASHREE SAHOO	Jayashree Sahoo	Jayashree Sahoo	← ABS →
6	1905219006	LIPIKA BEHERA	Lipika Behera	Lipika Behera	Lipika Behera
7	1905219007	LOPAMUDRA PRADHAN	Lopamudra Pradhan	Lopamudra Pradhan	Lopamudra Pradhan
8	1905219008	PAYAL BEHERA	Payal Behera	Payal Behera	Payal Behera
9	1905219009	PRASANT HUIKA	Prasant Huika	Prasant Huika	← ABS →
10	1905219010	RAJESH SWAIN	← ABS →	Rajesh Swain	Rajesh Swain
11	1905219011	SAROJ PANDA	Saroj Panda	Saroj Panda	Saroj Panda
12	1905219012	SASHIKANTA PANDA	Sashikanta Panda	Sashikanta Panda	Sashikanta Panda
13	1905219013	SATYARANJAN DASH	Satyaranjan Dash	Satyaranjan Dash	Satyaranjan Dash
14	1905219014	SUCHITRA MALIK	Suchitra Malik	Suchitra Malik	← ABS →
15	1905219015	ABHISHIKTA SAMAL	Abhishikta Samal	Abhishikta Samal	Abhishikta Samal
16	1905219016	ADITYA PRASAD SARANGI	Aditya P Sarangi	Aditya P Sarangi	Aditya P Sarangi
17	1905219017	AMIT KUMAR BISWAL	Amit Ku. Biswal	Amit Ku. Biswal	Amit Ku. Biswal
18	1905219018	AMRITA SARANGI	Amrिता Sarangi	Amrिता Sarangi	Amrिता Sarangi
19	1905219019	ANUSRITI MAHATA	Anusriti Mahata	Anusriti Mahata	Anusriti Mahata
20	1905219020	ASHOK KUMAR PAL	Ashok Kumar Pal	Ashok Kumar Pal	Ashok Kumar Pal.
21	1905219021	BIBHUDATTA PARIDA	Bibhudatta Parida	Bibhudatta Parida	Bibhudatta Parida.
22	1905219022	GIRISH CHANDRA BEHERA	Girish Ch. Behera	Girish Ch. Behera	Girish Ch. Behera
23	1905219023	KANHU CHARAN MALLICK	Kanhucharan Mallik	← ABS →	← ABS →



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 04

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>28-08-2019</u>	Date: <u>29-08-2019</u>	Date: <u>30-08-2019</u>
24	1905219024	MANISHA LENKA	Manisha Lenka	Manisha Lenka	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra	Mayurisini Besra	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI	Narahari H Priyadarshin	Narahari H Priyadarshin	Narahari H Priyadarshin
27	1905219027	NIKHAT ZAMAL YASMIN	Nikhath Zamal Yasmin	← ABS →	Nikhath Zamal Yasmin
28	1905219028	POOJARANI ROUT	Poojarani Rout	Poojarani Rout	Poojarani Rout
29	1905219029	PRAVAT RANJAN PANDA	Pravat R Panda	Pravat R Panda	Pravat R Panda
30	1905219030	RINKU NAHAK	Rinky Nehak	Rinky Nehak	Rinky Nehak
31	1905219031	SAMBIT KUMAR KAR	Sambit ku. Kar	Sambit ku. Kar	Sambit ku. Kar
32	1905219032	SASMITA MOHANTY	Sasmita Mohanty	Sasmita Mohanty	Sasmita Mohanty
33	1905219033	SOUBHAGYABATI SAHOO	Soubhagyabati Sahoo	Soubhagyabati Sahoo	Soubhagyabati Sahoo
34	1905219034	SUBRAT KUMAR	Subrat Kumar	← ABS →	Subrat Kumar
35	1905219035	SUCHISMITA DEHURY	← ABS →	Suchismita Dehury	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surajram Parida	← ABS →	Surajram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar	Twinkle Kar	Twinkle Kar

Signature of the Course Coordinator

[Signatures]

[Signature]
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STUDENT ATTENDANCE SHEET

A. Bhuje
PRINCIPAL

College of Engineering Bhubaneswar

Sheet No. 05

Semester: 1st Academic Year: 2019-20

Course Code (if any): PG-2

Programme: Master in Computer Application

Name of the Course: Search Engine Optimization

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>04-09-2019</u>	Date: <u>05-09-2019</u>	Date: <u>06-09-2019</u>
1	1905219001	BIBHUDATTA SAHOO	<i>Bibhudatta Sahoo</i>	<i>Bibhudatta Sahoo</i>	<i>Bibhudatta Sahoo</i>
2	1905219002	CHETANA SHARMA	<i>Chetana Sharma</i>	<i>Chetana Sharma</i>	<i>Chetana Sharma</i>
3	1905219003	DAMAYANTI PRADHAN	<i>Damayanti Pradhan</i>	<i>Damayanti Pradhan</i>	<i>Damayanti Pradhan</i>
4	1905219004	JAGAT NARAYAN ROUT	<i>Jagat Narayan Rout</i>	<i>Jagat Narayan Rout</i>	<i>Jagat Narayan Rout</i>
5	1905219005	JAYASHREE SAHOO	<i>Jayashree Sahoo</i>	<i>Jayashree Sahoo</i>	<i>Jayashree Sahoo</i>
6	1905219006	LIPIKA BEHERA	<i>Lipika Behera</i>	<i>Lipika Behera</i>	<i>Lipika Behera</i>
7	1905219007	LOPAMUDRA PRADHAN	<i>Lopamudra Pradhan</i>	<i>Lopamudra Pradhan</i>	<i>Lopamudra Pradhan</i>
8	1905219008	PAYAL BEHERA	<i>Payal Behera</i>	<i>Payal Behera</i>	<i>Payal Behera</i>
9	1905219009	PRASANT HUIKA	<i>Prasant Huika</i>	<i>Prasant Huika</i>	<i>Prasant Huika</i>
10	1905219010	RAJESH SWAIN	<i>Rajesh Swain</i>	<i>Rajesh Swain</i>	<i>Rajesh Swain</i>
11	1905219011	SAROJ PANDA	<i>Saroj Panda</i>	<i>Saroj Panda</i>	<i>Saroj Panda</i>
12	1905219012	SASHIKANTA PANDA	<i>Sashikanta Panda</i>	<i>Sashikanta Panda</i>	<i>Sashikanta Panda</i>
13	1905219013	SATYARANJAN DASH	<i>Satyaranjan Dash</i>	<i>Satyaranjan Dash</i>	<i>Satyaranjan Dash</i>
14	1905219014	SUCHITRA MALIK	<i>Suchitra Malik</i>	<i>Suchitra Malik</i>	<i>Suchitra Malik</i>
15	1905219015	ABHISHIKTA SAMAL	<i>Abhishikta Samal</i>	<i>Abhishikta Samal</i>	<i>Abhishikta Samal</i>
16	1905219016	ADITYA PRASAD SARANGI	<i>Aditya P Sarangi</i>	<i>Aditya P Sarangi</i>	<i>Aditya P Sarangi</i>
17	1905219017	AMIT KUMAR BISWAL	<i>Amit Ku. Biswal</i>	<i>Amit Ku. Biswal</i>	<i>Amit Ku. Biswal</i>
18	1905219018	AMRITA SARANGI	<i>Amrita Sarangi</i>	<i>Amrita Sarangi</i>	<i>Amrita Sarangi</i>
19	1905219019	ANUSRITI MAHATA	<i>Anusriti Mahata</i>	<i>Anusriti Mahata</i>	<i>Anusriti Mahata</i>
20	1905219020	ASHOK KUMAR PAL	<i>Ashok Kumar Pal</i>	<i>Ashok Kumar Pal</i>	<i>Ashok Kumar Pal</i>
21	1905219021	BIBHUDATTA PARIDA	<i>Bibhudatta Parida</i>	<i>Bibhudatta Parida</i>	<i>Bibhudatta Parida</i>
22	1905219022	GIRISH CHANDRA BEHERA	<i>Girish Ch. Behera</i>	<i>Girish Ch. Behera</i>	<i>Girish Ch. Behera</i>
23	1905219023	KANHU CHARAN MALLICK	<i>Kanhucharan Mallik</i>	<i>← ABS →</i>	<i>Kanhucharan Mallik</i>



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 05

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>04-09-2019</u>	Date: <u>05-09-2019</u>	Date: <u>06-09-2019</u>
24	1905219024	MANISHA LENKA	Manisha Lenka	Manisha Lenka	Manisha Lenka
25	1905219025	MAYURISINI BESRA	Mayurisini Besra	Mayurisini Besra	Mayurisini Besra
26	1905219026	NARAHARI HARAMANI	Narahari H Priyadarshini	Narahari H Priyadarshini	Narahari H Priyadarshini
27	1905219027	NIKHAT ZAMAL YASMIN	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin	Nikhat Zamal Yasmin
28	1905219028	POOJARANI ROUT	Poojarani Rout	Poojarani Rout	Poojarani Rout
29	1905219029	PRAVAT RANJAN PANDA	Pravat R Panda	Pravat R Panda	Pravat R Panda
30	1905219030	RINKU NAHAK	Rinku Nahak	Rinku Nahak	Rinku Nahak
31	1905219031	SAMBIT KUMAR KAR	Sambit ku. Kar	Sambit ku. Kar	Sambit ku. Kar
32	1905219032	SASMITA MOHANTY	Sasmita Mohanty	Sasmita Mohanty	Sasmita Mohanty
33	1905219033	SOUBHAGYABATI SAHOO	Soubhagyabati Sahoo	Soubhagyabati Sahoo	Soubhagyabati Sahoo
34	1905219034	SUBRAT KUMAR	Subrat Kumar	ABS	Subrat Kumar
35	1905219035	SUCHISMITA DEHURY	Suchismita Dehury	Suchismita Dehury	Suchismita Dehury
36	1905219036	SURAJRAM PARIDA	Surajram Parida	Surajram Parida	Surajram Parida
37	1905219037	TWINKLE KAR	Twinkle Kar	Twinkle Kar	ABS
Signature of the Course Coordinator					

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ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

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Sheet No. 06

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>10-09-2019</u>	Date: <u>11-09-2019</u>	Date: <u>12-09-2019</u>
1	1905219001	BIBHUDATTA SAHOO	Bibhudatta Sahoo	Bibhudatta Sahoo	Bibhudatta Sahoo
2	1905219002	CHETANA SHARMA	Chetana Sharma	Chetana Sharma	Chetana Sharma
3	1905219003	DAMAYANTI PRADHAN	Damayanti Pradhan	Damayanti Pradhan	Damayanti Pradhan
4	1905219004	JAGAT NARAYAN ROUT	Jagat Narayan Rout	Jagat Narayan Rout	← ABS →
5	1905219005	JAYASHREE SAHOO	Jayashree Sahoo	Jayashree Sahoo	Jayashree Sahoo
6	1905219006	LIPIKA BEHERA	Lipika Behera	Lipika Behera	Lipika Behera
7	1905219007	LOPAMUDRA PRADHAN	Lopamudra Pradhan	Lopamudra Pradhan	← ABS →
8	1905219008	PAYAL BEHERA	Payal Behera	Payal Behera	Payal Behera
9	1905219009	PRASANT HUIKA	Prasant Huika	Prasant Huika	Prasant Huika
10	1905219010	RAJESH SWAIN	Rajesh Swain	Rajesh Swain	Rajesh Swain
11	1905219011	SAROJ PANDA	Saroj Panda	Saroj Panda	Saroj Panda
12	1905219012	SASHIKANTA PANDA	Sashikanta Panda	Sashikanta Panda	Sashikanta Panda
13	1905219013	SATYARANJAN DASH	Satyaranjan Dash	Satyaranjan Dash	Satyaranjan Dash
14	1905219014	SUCHITRA MALIK	Suchitra Malik	Suchitra Malik	Suchitra Malik
15	1905219015	ABHISHIKTA SAMAL	Abhishikta Samal	Abhishikta Samal	Abhishikta Samal
16	1905219016	ADITYA PRASAD SARANGI	Aditya P Sarangi	← ABS →	Aditya P Sarangi
17	1905219017	AMIT KUMAR BISWAL	Amit ku. Biswal	Amit ku. Biswal	Amit ku. Biswal
18	1905219018	AMRITA SARANGI	← ABS →	Amrita Sarangi	Amrita Sarangi
19	1905219019	ANUSRITI MAHATA	Anusriti Mahata	Anusriti Mahata	Anusriti Mahata
20	1905219020	ASHOK KUMAR PAL	Ashok Kumar Pal	Ashok Kumar Pal	Ashok Kumar Pal
21	1905219021	BIBHUDATTA PARIDA	Bibhudatta Parida	Bibhudatta Parida	Bibhudatta Parida
22	1905219022	GIRISH CHANDRA BEHERA	Girish Ch. Behera	Girish Ch. Behera	Girish Ch. Behera
23	1905219023	KANHU CHARAN MALLICK	Kanhucharan Mallick	Kanhucharan Mallick	← ABS →



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 06

Programme: **Master in Computer Application**

Semester: 1st Academic Year: **2019-20**

Name of the Course: **Search Engine Optimization**

Course Code (if any): PG-2

Duration : <u>36 hrs</u>			Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: <u>10-09-2019</u>	Date: <u>11-09-2019</u>	Date: <u>12-09-2019</u>
24	1905219024	MANISHA LENKA	<u>← ABS →</u>	<u>Manisha Lenka</u>	<u>Manisha Lenka</u>
25	1905219025	MAYURISINI BESRA	<u>Mayurisini Besra</u>	<u>Mayurisini Besra</u>	<u>Mayurisini Besra</u>
26	1905219026	NARAHARI HARAMANI	<u>Narahari H Priyadarshini</u>	<u>Narahari H Priyadarshini</u>	<u>Narahari H Priyadarshini</u>
27	1905219027	NIKHAT ZAMAL YASMIN	<u>Nikhath Zamal Yasmin</u>	<u>Nikhath Zamal Yasmin</u>	<u>Nikhath Zamal Yasmin</u>
28	1905219028	POOJARANI ROUT	<u>Poojarani Rout</u>	<u>Poojarani Rout</u>	<u>Poojarani Rout</u>
29	1905219029	PRAVAT RANJAN PANDA	<u>Pravat R. Panda</u>	<u>Pravat R. Panda</u>	<u>Pravat R. Panda</u>
30	1905219030	RINKU NAHAK	<u>Rinky Nehak</u>	<u>Rinky Nehak</u>	<u>Rinky Nehak</u>
31	1905219031	SAMBIT KUMAR KAR	<u>Sambit ku. Kar</u>	<u>Sambit ku. Kar</u>	<u>Sambit ku. Kar</u>
32	1905219032	SASMITA MOHANTY	<u>Sasmita Mohanty</u>	<u>Sasmita Mohanty</u>	<u>Sasmita Mohanty</u>
33	1905219033	SOUBHAGYABATI SAHOO	<u>Soubhagyabati Sahoo</u>	<u>← ABS →</u>	<u>Soubhagyabati Sahoo</u>
34	1905219034	SUBRAT KUMAR	<u>Subrat Kumar</u>	<u>← ABS →</u>	<u>← ABS →</u>
35	1905219035	SUCHISMITA DEHURY	<u>Suchismita Dehury</u>	<u>Suchismita Dehury</u>	<u>Suchismita Dehury</u>
36	1905219036	SURAJRAM PARIDA	<u>Surajram Parida</u>	<u>Surajram Parida</u>	<u>Surajram Parida</u>
37	1905219037	TWINKLE KAR	<u>Twinkle Kar</u>	<u>Twinkle Kar</u>	<u>Twinkle Kar</u>

Signature of the Course Coordinator

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College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. BIBHUDATTA SAHOO, student of the Department

of MCA semester First bearing registration number 1905219001

has successfully completed the ADD-ON Course titled Search Engine Optimization

conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

TRUE COPY

Course-Coordinator

Principal

PRINCIPAL
College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. CHETANA SHARMA, student of the Department

of MCA semester First bearing registration number 1905219002

has successfully completed the ADD-ON Course titled Search Engine Optimization

conducted at College of Engineering Bhubaneswar in the academic year 2019-20

TRUE COPY

Course-Cordinator

Principal

PRINCIPAL
College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. DAMAYANTI PRADHAN, student of the Department

of MCA semester First bearing registration number 1905219003

has successfully completed the ADD-ON Course titled Search Engine Optimization

conducted at College of Engineering Bhubaneswar in the academic year 2019-20

TRUE COPY

Course-Coordinator

Principal

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College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. JAGAT NARAYAN ROUT, student of the Department

of MCA semester First bearing registration number 1905219004

has successfully completed the ADD-ON Course titled Search Engine Optimization

conducted at College of Engineering Bhubaneswar in the academic year 2019-20

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Course-Cordinator

Principal

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College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. JAYASHREE SAHOO, student of the Department

of MCA semester First bearing registration number 1905219005

has successfully completed the ADD-ON Course titled Search Engine Optimization

conducted at College of Engineering Bhubaneswar in the academic year 2019-20

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Course-Coordinator

Principal

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