



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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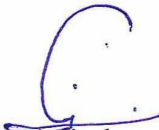
Evaluation Process:

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.

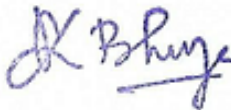
Learning resources:**Suggested Books:**

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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DEPARTMENT OF MCA
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NOTICE

ADD-ON/CERTIFICATE COURSE

Ref No: COEB/MCA/2018/16

Date: 06/07/2018

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 2018-19** will commence as per the time table given below.. The registration process for the course will start from **09/07/2018**. 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	Dr. Sunita Satapathy	19/07/2018
3rd	Django and DRF Framework	Prof. Bhramarabara Biswal	19/07/2018

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

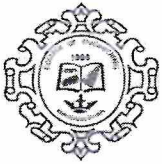
Copy to:

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

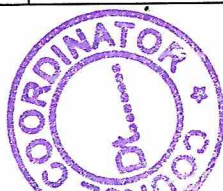
Semester : 1st

Academic Year: 2018-19


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	1805219001	AKASH KUMAR SAMAL	Akash Kumar Samal.
2	1805219002	ARATI BEHERA	Arati Behera.
3	1805219003	BARUN BAG	Barun Bag.
4	1805219004	BIBHU PRASAD TRIPATHY	Bibhu Prasad Tripathy
5	1805219005	BINOD KUMAR NAYAK	Binod Kumar Nayak.
6	1805219006	BISWAJIT DIXIT	Biswajit Dixit
7	1805219007	CHANDAN KUMAR PRADHAN	Chandan Ku Pradhan
8	1805219008	DHANESWAR KHILLO	Dhaneswar Khillo
9	1805219009	DIPTI RANJAN BARIK	Dipti R Barik
10	1805219010	LARISHNA SAHOO	Larishna Sahoo
11	1805219011	NAMRATA BISWAL	Namrata Biswal
12	1805219012	PARAU SOREN	Parau Soren.
13	1805219013	PRASANTA KUMAR SAHOO	Prasanta Ku Sahoo
14	1805219014	SAMIKHYA	Samikhya.
15	1805219016	SANTOSH MALLICK	Santosh Mallick
16	1805219017	SHASHI KANTA CHHATOI	Shashi K Chhatoi
17	1805219018	SIDHARTHA PRASAD SWAIN	Sidhartha P Swain
18	1805219019	SIMRAN MAHARANA	Simran Maharana
19	1805219020	SOMANATH SWAIN	Somnath Swain
20	1805219022	SUCHITRA SAHOO	Suchitra Sahoo.
21	1805219023	SURYA NANDA HEMBRAM	Surya N Hembram
22	1825219001	ABHIMANYU SAHOO	Abhimanyu Sahoo
23	1825219002	ABHISHEK JENA	Abhishek Jena.
24	1825219003	ABINASHA BEHURIA	Abinasha Behuria
25	1825219004	ADYASHA MISHRA	Adyasha Mishra
26	1825219005	AMIT KUMAR SAHU	Amit K Sahu
27	1825219006	ANKITA NAYAK	Ankita Nayak
28	1825219007	APARAJITA DASH	Aparajita Dash
29	1825219008	ARCHANA BEHERA	Archana Behera
30	1825219009	ASHISH BEHERA	Ashish Behera



Jenita


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31	1825219010	BASANTA NAYAK	Basanta Nayak
32	1825219011	BIKRAM BALLAV DASH	Bikram B Dash
33	1825219012	CHAITANYA SANDHA	Chaitanya Sandha
34	1825219013	CHIRANJIB SAMAL	Chiranjib Samal
35	1825219014	DEBASHIS RAY	Debashis Ray
36	1825219015	DIBYA TIWARI	Dibya Tiwari
37	1825219016	DIBYAJYOTI SAHU	Dibyajyoti Sahu
38	1825219017	DIPTIMAYEE MOHANTY	Diptimayee Mohanty
39	1825219018	G DEVARAJ	G. Devraj
40	1825219019	GITANJALI SAMAL	Gitanjali Samal



Junita

A. Bhuje
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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF MCA
ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 01



Semester: 1st

Academic Year: 2018-19

Course Code (if any): PG-2

Programme: **Master in Computer Application**

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

Duration : 36 hours		Date & Signature of the Student		
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date	Signature
1	1805219001	AKASH KUMAR SAMAL	19-07-2018	Akash Kuman Samal
2	1805219002	ARATI BEHERA	20-07-2018	Arati Behera
3	1805219003	BARUN BAG	23-07-2018	Barun bag
4	1805219004	BIBHU PRASAD TRIPATHY	20-07-2018	Bibhu. P. Tripathy
5	1805219005	BINOD KUMAR NAYAK	20-07-2018	Binod kumar Nayak
6	1805219006	BISWAJIT DIXIT	20-07-2018	Biswajit Dixit
7	1805219007	CHANDAN KUMAR PRADHAN	20-07-2018	Chandan Kumar Pradhan
8	1805219008	DHANESWAR KHILLO	20-07-2018	Dhaneswar khillo
9	1805219009	DIPTI RANJAN BARIK	20-07-2018	Dipti R Barik
10	1805219010	LARISHNA SAHOO	20-07-2018	Larishna Sahoo
11	1805219011	NAMRATA BISWAL	20-07-2018	Namrata Biswal
12	1805219012	PARAU SOREN	20-07-2018	Parau Soren
13	1805219013	PRASANTA KUMAR SAHOO	20-07-2018	Prasanta K Sahoo
14	1805219014	SAMIKHYA	20-07-2018	Samikhya
15	1805219016	SANTOSH MALLICK	20-07-2018	Santosh mallik
16	1805219017	SHASHI KANTA CHHATOI	20-07-2018	Shashi K Chhatoi
17	1805219018	SIDHARTHA PRASAD SWAIN	20-07-2018	Sidhartha P Swain
18	1805219019	SIMRAN MAHARANA	20-07-2018	Simran Maharana
19	1805219020	SOMANATH SWAIN	20-07-2018	Somnath Swain
20	1805219022	SUCHITRA SAHOO	20-07-2018	Suchitra Sahoo
21	1805219023	SURYA NANDA HEMBRAM	20-07-2018	Surya N Hembram
22	1825219001	ABHIMANYU SAHOO	20-07-2018	Abhimanyu Sahoo

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

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET



Sheet No. 01

Programme: **Master in Computer Application**

Semester: 1st

Academic Year: **2018-19**

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: 19-07-2018	Date: 20-07-2018	Date: 23-07-2018	Date: 24-07-2018
23	1825219002	ABHISHEK JENA	Abhishek jena	← Abs →	Abhishek jena	Abhishek jena
24	1825219003	ABINASHA BEHURIA	Abinash Behuria	Abinash Behuria	Abinash Behuria	Abinash Behuria
25	1825219004	ADYASHA MISHRA	Adyasha Mishra	Adyasha Mishra	Adyasha Mishra	← Abs →
26	1825219005	AMIT KUMAR SAHU	Amit K Sahu	Amit K Sahu	Amit K Sahu	Amit K Sahu
27	1825219006	ANKITA NAYAK	Ankita Nayak	← Abs →	← Abs →	Ankita Nayak
28	1825219007	APARAJITA DASH	Aparajita Dash	Aparajita Dash	Aparajita Dash	Aparajita Dash
29	1825219008	ARCHANA BEHERA	← Abs →	Archana Behera	Archana Behera	Archana Behera
30	1825219009	ASHISH BEHERA	Ashish Beheria	Ashish Beheria	Ashish Beheria	Ashish Beheria
31	1825219010	BASANTA NAYAK	Basant Nayak	Basant Nayak	Basant Nayak	Basant Nayak
32	1825219011	BIKRAM BALLAV DASH	← Abs →	Bikram B Dash	Bikram B Dash	Bikram B Dash
33	1825219012	CHAITANYA SANDHA	Chaitanya Sandha	Chaitanya Sandha	Chaitanya Sandha	Chaitanya Sandha
34	1825219013	CHIRANJIB SAMAL	Chiranjib Samal	Chiranjib Samal	Chiranjib Samal	Chiranjib Samal
35	1825219014	DEBASHIS RAY	Debashis Ray	← Abs →	Debashis Ray	Debashis Ray
36	1825219015	DIBYA TIWARI	Diby a Tiwari	Diby a Tiwari	Diby a Tiwari	Diby a Tiwari
37	1825219016	DIBYAJYOTI SAHU	Dibyajyoti Sahu	Dibyajyoti Sahu	Dibyajyoti Sahu	← Abs →
38	1825219017	DIPTIMAYEE MOHANTY	Diptimayee Mohanty	Diptimayee Mohanty	Diptimayee Mohanty	Diptimayee Mohanty
39	1825219018	G DEVARAJ	G. DEVARAJ	G. DEVARAJ	G. DEVARAJ	G. DEVARAJ
40	1825219019	GITANJALI SAMAL	Gitanjali Samal	Gitanjali Samal	Gitanjali Samal	Gitanjali Samal
		Signature of the Course Coordinator	<u>Sunita</u>	<u>Sunita</u>	<u>Sunita</u>	<u>Sunita</u>

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Sheet No. 02

COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF MCA
ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET



Semester: 1st

Academic Year: 2018-19

Programme: Master in Computer Application

Name of the Course: Search Engine Optimization

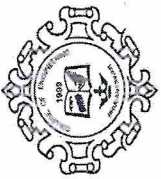
Duration : 36 hours

Date & Signature of the Student	
SL. NO.	Date: 25-07-2018
1	Akash Kumar Samal
2	Arati Behera
3	Barun Bag
4	Bibhu Prasad Tripathy
5	Binod Kumar Nayak
6	Biswajit Dixit
7	Chandan Kumar Pradhan
8	Dhaneswar Khillo
9	Dipti Ranjan Barik
10	Larishna Sahoo
11	Namrata Biswal
12	Parau Soren
13	Prasanta Kumar Sahoo
14	Samikhya
15	Santosh Mallik
16	Shashi Kanta Chhatoi
17	Sidhartha Prasad Swain
18	Simran Maharana
19	Somanath Swain
20	Suchitra Sahoo
21	Surya Nanda Hembaram
22	Abhimanyu Sahoo

Date & Signature of the Student	
SL. NO.	Date: 26-07-2018
1	Akash Kumar Samal
2	Arati Behera
3	Barun Bag
4	Bibhu P. Tripathy
5	Binod Kumar Nayak
6	Biswajit Dixit
7	Chandan Kumar Pradhan
8	Dhaneswar Khillo
9	Dipti R Barik
10	Larishna Sahoo
11	Namrata Biswal
12	Parau Soren
13	Prasanta Kumar Sahoo
14	Samikhya
15	Santosh Mallik
16	Shashi K Chhatoi
17	Sidhartha P Swain
18	Simran Maharana
19	Somanath Swain
20	Suchitra Sahoo
21	Surya N Hembaram
22	Abhimanyu Sahoo

Date & Signature of the Student	
SL. NO.	Date: 27-07-2018
1	Akash Kumar Samal
2	Arati Behera
3	Barun Bag
4	Bibhu P. Tripathy
5	Binod Kumar Nayak
6	Biswajit Dixit
7	Chandan Kumar Pradhan
8	Dhaneswar Khillo
9	Dipti R Barik
10	Larishna Sahoo
11	Namrata Biswal
12	Parau Soren
13	Prasanta Kumar Sahoo
14	Samikhya
15	Santosh Mallik
16	Shashi K Chhatoi
17	Sidhartha P Swain
18	Simran Maharana
19	Somanath Swain
20	Suchitra Sahoo
21	Surya N Hembaram
22	Abhimanyu Sahoo

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: **2018-19**

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

Course Code (if any): PG-2

		Date & Signature of the Student			
SL NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: 25-07-2018	Date: 26-07-2018	Date: 27-07-2018
23	1825219002	ABHISHEK JENA	Abhishek Jena	Abhishek Jena	Abhishek Jena
24	1825219003	ABINASHA BEHURIA	Abinasha Behuria	Abinasha Behuria	Abinasha Behuria
25	1825219004	ADYASHA MISHRA	Adyasha Mishra	Adyasha Mishra	Adyasha Mishra
26	1825219005	AMIT KUMAR SAHU	Amit K Sahu	Amit K Sahu	Amit K Sahu
27	1825219006	ANKITA NAYAK	Ankita Nayak	Ankita Nayak	Ankita Nayak
28	1825219007	APARAJITA DASH	Aparajita Dash	Aparajita Dash	Aparajita Dash
29	1825219008	ARCHANA BEHERA	Archana Behera	Archana Behera	Archana Behera
30	1825219009	ASHISH BEHERA	Ashish Behera	Ashish Behera	Ashish Behera
31	1825219010	BASANTA NAYAK	Basanta Nayak	Basanta Nayak	Basanta Nayak
32	1825219011	BIKRAM BALLAV DASH	Bikram B Dash	Bikram B Dash	Bikram B Dash
33	1825219012	CHAITANYA SANDHA	Chaitanya Sandha	Chaitanya Sandha	Chaitanya Sandha
34	1825219013	CHIRANJIB SAMAL	Chiranjib Samal	Chiranjib Samal	Chiranjib Samal
35	1825219014	DEBASHIS RAY	Debashis Ray	Debashis Ray	Debashis Ray
36	1825219015	DIBYA TIWARI	Dibya Tiwari	Dibya Tiwari	Dibya Tiwari
37	1825219016	DIBYAJYOTI SAHU	Dibyajyoti Sahu	Dibyajyoti Sahu	Dibyajyoti Sahu
38	1825219017	DIPTIMAYEE MOHANTY	Diptimayee Mohanty	Diptimayee Mohanty	Diptimayee Mohanty
39	1825219018	G DEVARAJ	G. DEVARAJ	G. DEVARAJ	G. DEVARAJ
40	1825219019	GITANJALI SAMAL	Gitanjali Samal	Gitanjali Samal	Gitanjali Samal
		Signature of the Course Coordinator	Sunita	Sunita	Sunita

(Signature)
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 College of Engineering Bhubaneswar

J. B. Singh
PRINCIPAL

College of Engineering Bhubaneswar

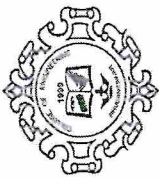
Sheet No. 03

COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MCA

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET



Semester: 1st Academic Year: 2018-19

Programme: Master in Computer Application

Name of the Course: Search Engine Optimization

Course Code (if any): PG-2

Duration : 36 hours		Date & Signature of the Student			
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: 02-08-2018	Date: 03-08-2018	Date: 09-08-2018
1	1805219001	AKASH KUMAR SAMAL	Akash Kumar Samal	Akash Kumar Samal	Akash Kumar Samal
2	1805219002	ARATI BEHERA	← Abs →	Arati Behera	Arati Behera
3	1805219003	BARUN BAG	Barun Bag	Barun Bag	Barun Bag
4	1805219004	BIBHU PRASAD TRIPATHY	Bibhu P. Tripathy	Bibhu P. Tripathy	Bibhu P. Tripathy
5	1805219005	BINOD KUMAR NAYAK	Binod Kumar Nayak	Binod Kumar Nayak	Binod Kumar Nayak
6	1805219006	BISWAJIT DIXIT	Biswajit Dixit	Biswajit Dixit	← Abs →
7	1805219007	CHANDAN KUMAR PRADHAN	← Abs →	Chandan Kumar Pradhan	Chandan Kumar Pradhan
8	1805219008	DHANESWAR KHILLO	Dhaneswar Khillo	Dhaneswar Khillo	← Abs →
9	1805219009	DIPTI RANJAN BARIK	Dipti R Barik	← Abs →	← Abs →
10	1805219010	LARISHNA SAHOO	Larishna Sahoo	Larishna Sahoo	Larishna Sahoo
11	1805219011	NAMRATA BISWAL	Namrata Biswal	← Abs →	← Abs →
12	1805219012	PARAU SOREN	Parau Soren	Parau Soren	Parau Soren
13	1805219013	PRASANTA KUMAR SAHOO	Prasanta Kumar Sahoo	Prasanta Kumar Sahoo	Prasanta Kumar Sahoo
14	1805219014	SAMIKHYA	Samikhya	Samikhya	Samikhya
15	1805219016	SANTOSH MALLICK	Santosh Mallik	Santosh Mallik	Santosh Mallik
16	1805219017	SHASHI KANTA CHHATOI	← Abs →	Shashik Chhatoi	Shashik Chhatoi
17	1805219018	SIDHARTHA PRASAD SWAIN	← Abs →	Sidhartha P Swain	Sidhartha P Swain
18	1805219019	SIMRAN MAHARANA	Simran Maharana	Simran Maharana	Simran Maharana
19	1805219020	SOMANATH SWAIN	Somanath Swain	Somanath Swain	← Abs →
20	1805219022	SUCHITRA SAHOO	Suchitra Sahoo	Suchitra Sahoo	Suchitra Sahoo
21	1805219023	SURYA NANDA HEMBRAM	Surya N Hembram	Surya N Hembram	Surya N Hembram
22	1825219001	ABHIMANYU SAHOO	Abhimanyu Sahoo	Abhimanyu Sahoo	← Abs →



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: **2018-19**

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: 02-08-2018	Date: 03-08-2018	Date: 09-08-2018
23	1825219002	ABHISHEK JENA	Abhishek Jena	Abhishek Jena	Abhishek Jena
24	1825219003	ABINASHA BEHURIA	Abinasha Behuria	Abinasha Behuria	Abinasha Behuria
25	1825219004	ADYASHA MISHRA	Adyasha Mishra	Adyasha Mishra	Adyasha Mishra
26	1825219005	AMIT KUMAR SAHU	Amit K Sahu	Amit K Sahu	Amit K Sahu
27	1825219006	ANKITA NAYAK	Ankita Nayak	Ankita Nayak	Ankita Nayak
28	1825219007	APARAJITA DASH	Aparajita Dash	Aparajita Dash	Aparajita Dash
29	1825219008	ARCHANA BEHERA	Archana Behera	Archana Behera	Archana Behera
30	1825219009	ASHISH BEHERA	Ashish Behera	Ashish Behera	Ashish Behera
31	1825219010	BASANTA NAYAK	Basant Nayak	Basant Nayak	Basant Nayak
32	1825219011	BIKRAM BALLAV DASH	Bikram B Dash	Bikram B Dash	Bikram B Dash
33	1825219012	CHAITANYA SANDHA	Chaitanya Sandha	Chaitanya Sandha	Chaitanya Sandha
34	1825219013	CHIRANJIB SAMAL	Chiranjib Samal	Chiranjib Samal	Chiranjib Samal
35	1825219014	DEBASHIS RAY	Debashis Ray	Debashis Ray	Debashis Ray
36	1825219015	DIBYA TIWARI	Dibya Tiwari	Dibya Tiwari	Dibya Tiwari
37	1825219016	DIBYAJYOTI SAHU	Dibyajyoti Sahu	Dibyajyoti Sahu	Dibyajyoti Sahu
38	1825219017	DIPTIMAYEE MOHANTY	Diptimayee Mohanty	Diptimayee Mohanty	Diptimayee Mohanty
39	1825219018	G DEVARAJ	G. DEVARAJ	G. DEVARAJ	G. DEVARAJ
40	1825219019	GITANJALI SAMAL	Gitanjali Samal	Gitanjali Samal	Gitanjali Samal

Signature of the Course Coordinator

[Handwritten Signature]

[Handwritten Signature]

PRINCIPAL
 College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF MCA
 ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

(Signature)
PRINCIPAL
 College of Engineering Bhubaneswar

Sheet No. 04

Programme: **Master in Computer Application**

Semester: 1st

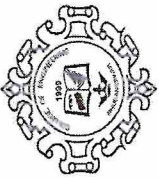
Academic Year: **2018-19**

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

Course Code (if any): PG-2

Duration : 36 hours		Date & Signature of the Student			
SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date: 13-08-2018	Date: 17-08-2018	Date: 20-08-2018
1	1805219001	AKASH KUMAR SAMAL	Akash kumar samal	Akash kumar samal	Akash kumar samal
2	1805219002	ARATI BEHERA	← Abs →	Arati Behera	Arati Behera
3	1805219003	BARUN BAG	← Abs →	Barun bag	Barun bag
4	1805219004	BIBHU PRASAD TRIPATHY	Bibhu P. tripathy	Bibhu p. tripathy	Bibhu p. tripathy
5	1805219005	BINOD KUMAR NAYAK	Binod kumar Nayak	Binod kumar Nayak	Binod kumar Nayak
6	1805219006	BISWAJIT DIXIT	Biswajit Dixit	Biswajit Dixit	Biswajit Dixit
7	1805219007	CHANDAN KUMAR PRADHAN	Chandan kumar Pradhan	← Abs →	Chandan kumar Pradhan
8	1805219008	DHANESWAR KHILLO	← Abs →	Dhaneswar Khillo	Dhaneswar khillo
9	1805219009	DIPTI RANJAN BARIK	Dipti R Barik	Dipti R Barik	Dipti R Barik
10	1805219010	LARISHNA SAHOO	Larishna Sahoo	Larishna Sahoo	Larishna Sahoo
11	1805219011	NAMRATA BISWAL	← Abs →	Namrata Biswal	Namrata Biswal
12	1805219012	PARAU SOREN	Parau soren	Parau soren	Parau soren
13	1805219013	PRASANTA KUMAR SAHOO	Prasanta kumar Sahoo	Prasanta kumar Sahoo	Prasanta kumar Sahoo
14	1805219014	SAMIKHYA	← Abs →	Samikhya	Samikhya
15	1805219016	SANTOSH MALLICK	Santosh mallik	Santosh mallik	Santosh mallik
16	1805219017	SHASHI KANTA CHHATOI	Shashi K Chhatoi	Shashi K Chhatoi	Shashi K Chhatoi
17	1805219018	SIDHARTHA PRASAD SWAIN	Sidhartha P Swain	Sidhartha P Swain	← Abs →
18	1805219019	SIMRAN MAHARANA	Simran Maharana	Simran Maharana	Simran Maharana
19	1805219020	SOMANATH SWAIN	Somanath Swain	Somanath Swain	Somanath Swain
20	1805219022	SUCHITRA SAHOO	Suchitra Sahoo	Suchitra Sahoo	Suchitra Sahoo
21	1805219023	SURYA NANDA HEMBRAM	Surya N Hembram	Surya N Hembram	Surya N Hembram
22	1825219001	ABHIMANYU SAHOO	Abhimanyu Sahoo	Abhimanyu Sahoo	Abhimanyu Sahoo

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: **2018-19**

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: 13-08-2018	Date: 17-08-2018	Date: 20-08-2018
23	1825219002	ABHISHEK JENA	Abhishek Jena	Abhishek Jena	Abhishek Jena
24	1825219003	ABINASHA BEHURIA	Abinasha Behuria	Abinasha Behuria	Abinasha Behuria
25	1825219004	ADYASHA MISHRA	Adyasha Mishra	Adyasha Mishra	Adyasha Mishra
26	1825219005	AMIT KUMAR SAHU	Amit Kumar Sahu	Amit K Sahu	Amit K Sahu
27	1825219006	ANKITA NAYAK	Ankita Nayak	Ankita Nayak	Abs →
28	1825219007	APARAJITA DASH	Aparajita Dash	Aparajita Dash	Abs →
29	1825219008	ARCHANA BEHERA	Archana Behera	Archana Behera	Archana Behera
30	1825219009	ASHISH BEHERA	Ashish Behera	Ashish Behera	Abs →
31	1825219010	BASANTA NAYAK	Basant Nayak	Basant Nayak	Basant Nayak
32	1825219011	BIKRAM BALLAV DASH	Bikram B Dash	Bikram B Dash	Bikram B Dash
33	1825219012	CHAITANYA SANDHA	Chaitanya Sandha	Chaitanya Sandha	Chaitanya Sandha
34	1825219013	CHIRANJIB SAMAL	Chiranjib Samal	Chiranjib Samal	Chiranjib Samal
35	1825219014	DEBASHIS RAY	Debashis Ray	Debashis Ray	Debashis Ray
36	1825219015	DIBYA TIWARI	Dibya Tiwari	Dibya Tiwari	Dibya Tiwari
37	1825219016	DIBYAJYOTI SAHU	Dibyajyoti Sahu	Dibyajyoti Sahu	Abs →
38	1825219017	DIPTIMAYEE MOHANTY	Diptimayee Mohanty	Diptimayee Mohanty	Diptimayee Mohanty
39	1825219018	G DEVARAJ	G. Devraj	G. Devraj	G. Devraj
40	1825219019	GITANJALI SAMAL	Gitanjali Samal	Gitanjali Samal	Gitanjali Samal
		Signature of the Course Coordinator	<u>Sunita</u>	<u>Sunita</u>	<u>Sunita</u>

(Signature)
PRINCIPAL
 College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF MCA
 ADD ON/CERTIFICATE COURSE

K. P. Singh
PRINCIPAL

College of Engineering Bhubaneswar

STUDENT ATTENDANCE SHEET

Sheet No. 05

Programme: **Master in Computer Application**

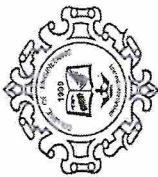
Semester: 1st

Academic Year: **2018-19**

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>23-08-2018</u>	Date: <u>24-08-2018</u>
1	1805219001	AKASH KUMAR SAMAL	<i>Akash Kumar Samal</i>	<i>Akash Kumar Samal</i>
2	1805219002	ARATI BEHERA	<i>Arati Behera</i>	<i>Arati Behera</i>
3	1805219003	BARUN BAG	<i>Barun Bag</i>	<i>Barun Bag</i>
4	1805219004	BIBHU PRASAD TRIPATHY	<i>Bibhu P. Tripathy</i>	<i>Bibhu P. Tripathy</i>
5	1805219005	BINOD KUMAR NAVAK	<i>Binod Kumar Navak</i>	<i>Binod Kumar Navak</i>
6	1805219006	BISWAJIT DIXIT	<i>Biswajit Dixit</i>	<i>Biswajit Dixit</i>
7	1805219007	CHANDAN KUMAR PRADHAN	<i>Chandan Kumar Pradhan</i>	<i>Chandan Kumar Pradhan</i>
8	1805219008	DHANESWAR KHILLO	<i>Dhaneswar Khillo</i>	<i>Dhaneswar Khillo</i>
9	1805219009	DIPTI RANJAN BARIK	<i>Dipti R Barik</i>	<i>Dipti R Barik</i>
10	1805219010	LARISHNA SAHOO	<i>Larishna Sahoo</i>	<i>Larishna Sahoo</i>
11	1805219011	NAMRATA BISWAL	<i>Namrata Biswal</i>	<i>Namrata Biswal</i>
12	1805219012	PARAU SOREN	<i>Parau Soren</i>	<i>Parau Soren</i>
13	1805219013	PRASANTA KUMAR SAHOO	<i>Prasanta Kumar Sahoo</i>	<i>Prasanta Kumar Sahoo</i>
14	1805219014	SAMIKHYA	<i>Samikhya</i>	<i>Samikhya</i>
15	1805219016	SANTOSH MALLICK	<i>Santosh Mallik</i>	<i>Santosh Mallik</i>
16	1805219017	SHASHI KANTA CHHATOI	<i>Shashi K Chhatoi</i>	<i>Shashi K Chhatoi</i>
17	1805219018	SIDHARTHA PRASAD SWAIN	<i>Sidhartha P Swain</i>	<i>Sidhartha P Swain</i>
18	1805219019	SIMRAN MAHARANA	<i>Simran Maharana</i>	<i>Simran Maharana</i>
19	1805219020	SOMANATH SWAIN	<i>Somnath Swain</i>	<i>Somnath Swain</i>
20	1805219022	SUCHITRA SAHOO	<i>Suchitra Sahoo</i>	<i>Suchitra Sahoo</i>
21	1805219023	SURYA NANDA HEMBRAM	<i>Surya N Hembram</i>	<i>Surya N Hembram</i>
22	1825219001	ABHIMANYU SAHOO	<i>Abhimanyu Sahoo</i>	<i>Abhimanyu Sahoo</i>



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF MCA
 ADD ON/CERTIFICATE COURSE

K Bhuye
PRINCIPAL

College of Engineering Bhubaneswar

Sheet No. 05

STUDENT ATTENDANCE SHEET

Programme: **Master in Computer Application**

Semester: 1st

Academic Year: **2018-19**

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>23-08-2018</u>	Date: <u>24-08-2018</u>	Date:
23	1825219002	ABHISHEK JENA	<i>Abhishek Jena</i>	<i>Abhishek Jena</i>	<i>Abhishek Jena</i>
24	1825219003	ABINASHA BEHURIA	<i>Abinasha Behuria</i>	<i>Abinasha Behuria</i>	<i>Abinasha Behuria</i>
25	1825219004	ADYASHA MISHRA	<i>Adyasha Mishra</i>	<i>Adyasha Mishra</i>	<i>Adyasha Mishra</i>
26	1825219005	AMIT KUMAR SAHU	<i>Amit K Sahu</i>	<i>Amit K Sahu</i>	<i>Amit K Sahu</i>
27	1825219006	ANKITA NAYAK	<i>Ankita Nayak</i>	<i>Ankita Nayak</i>	<i>Ankita Nayak</i>
28	1825219007	APARAJITA DASH	<i>Aparajita Dash</i>	<i>Aparajita Dash</i>	<i>Aparajita Dash</i>
29	1825219008	ARCHANA BEHERA	<i>Archana Behera</i>	<i>Archana Behera</i>	<i>Archana Behera</i>
30	1825219009	ASHISH BEHERA	<i>Ashish Behera</i>	<i>Ashish Behera</i>	<i>Ashish Behera</i>
31	1825219010	BASANTA NAYAK	<i>Basant Nayak</i>	<i>Basant Nayak</i>	<i>Basant Nayak</i>
32	1825219011	BIKRAM BALLAV DASH	<i>Bikram Dash</i>	<i>Bikram Dash</i>	<i>Bikram Dash</i>
33	1825219012	CHAITANYA SANDHA	<i>Chaitanya Sandha</i>	<i>Chaitanya Sandha</i>	<i>Chaitanya Sandha</i>
34	1825219013	CHIRANJIB SAMAL	<i>Chiranjib Samal</i>	<i>Chiranjib Samal</i>	<i>Chiranjib Samal</i>
35	1825219014	DEBASHIS RAY	<i>Debashis Ray</i>	<i>Debashis Ray</i>	<i>Debashis Ray</i>
36	1825219015	DIBYA TIWARI	<i>Diby Tiwari</i>	<i>Diby Tiwari</i>	<i>Diby Tiwari</i>
37	1825219016	DIBYAJYOTI SAHU	<i>Dibyajyoti Sahu</i>	<i>Dibyajyoti Sahu</i>	<i>Dibyajyoti Sahu</i>
38	1825219017	DIPTIMAYEE MOHANTY	<i>Diptimayee Mohanty</i>	<i>Diptimayee Mohanty</i>	<i>Diptimayee Mohanty</i>
39	1825219018	G DEVARAJ	<i>G. Devaraj</i>	<i>G. Devaraj</i>	<i>G. Devaraj</i>
40	1825219019	GITANJALI SAMAL	<i>Gitanjali Samal</i>	<i>Gitanjali Samal</i>	<i>Gitanjali Samal</i>
		Signature of the Course Coordinator	<i>Sumita</i>	<i>Sumita</i>	<i>Sumita</i>



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. AKASH KUMAR SAMMAL, student of the Department


of MCA semester First bearing registration number 1805219001


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

conducted at College of Engineering Bhubaneswar in the academic year 2018-19

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.

ARATI BEHERA

, student of the Department

of **MCA**

semester **First** bearing registration number **1805219002**

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

conducted at College of Engineering Bhubaneswar in the academic year **2018-19**

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. BARUN BAG, student of the Department

of MCA semester First bearing registration number 1805219003

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

conducted at College of Engineering Bhubaneswar in the academic year 2018-19

Sundar
 Course-Coordinator

[Signature]
 Principal

[Signature]
 PRINCIPAL
 College of Engineering Bhubaneswar

TRUE COPY



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.

BIBHU PRASAD TRIPATHY

student of the Department

of **MCA**

semester **First** bearing registration number **1805219004**

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

conducted at College of Engineering Bhubaneswar in the academic year **2018-19**

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. _____

BINOD KUMAR NAYAK

_____, student of the Department

of **MCA** _____

semester **First** bearing registration number **1805219005**

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

conducted at College of Engineering Bhubaneswar in the academic year **2018-19**

TRUE COPY

Course-Coordinator

Principal

PRINCIPAL
College of Engineering Bhubaneswar