



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF ARTS

Date : 9.7.2018

CIRCULAR

Sub: Organising Value added Course: Hands on Training Course on Total Station

With reference to the above mentioned subject, we bring it to your notice that School of Arts, Bharath Institute of Higher Education & Research is organising **Value added course "Hands on Training Course on Total Station"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr.D.Arunkumar, Department of Business Administration on or before 9.07.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator


Dean-Faculty of Arts & Science

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Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073, INDIA

Bharath Institute of Higher Education & Research**School of Arts****Students Registration List****Value Added Course: Courses on HANDS ON TRAINING COURSE ON TOTAL STATION**

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U18BA066	GIRDHARAN G	BBA
2	U18BA068	ANEES MOHAMMED A	BBA
3	U18BA069	SATHIYA PRIYA S	BBA
4	U18BA070	DHANASEKARAN M	BBA
5	U18BA071	AMAN URAON	BBA
6	U18BA072	PRASAD M	BBA
7	U18BA073	SHIVAGINI PANDEY	BBA
8	U18BA074	ARAVIND KUMAR D	BBA
9	U18BA076	JASIL HASSAN	BBA
10	U18BA077	KAMESH G	BBA
11	U18BA078	LAXMI TIWARI	BBA
12	U18BA079	SHABAN ATHIL S	BBA
13	U18BA080	RAHUL SINGH	BBA
14	U18BA081	SHREYANSH SHARMA	BBA
15	U18BA082	M VIGNESH	BBA
16	U18BA083	DURAIMANI M	BBA
17	U18BA085	GOLLA MANIVARMA	BBA
18	U18BA086	MALYALA AKHIL	BBA
19	U18BA087	MIR HYDER ALI	BBA
20	U18BA088	KUKKALA YOGA SRI HARI	BBA
21	U18BA089	ADITHYA MOORTHY M	BBA
22	U18BA090	AJITH KUMAR S	BBA
23	U18BA091	SURESHKUMAR M	BBA
24	U18BA093	KALANITHI S	BBA
25	U18BA094	ARISTO BAMFORD M	BBA
26	U18BA095	HARISH S	BBA
27	U18BA096	GAJAPATHY B	BBA
28	U18BA097	JEEVA G	BBA
29	U18BA098	AISHWARYA THOMAS	BBA
30	U18BA099	K SHYAM PRASAD VARMA	BBA
31	U18BA001	SYED ANWAR J	BBA
32	U18BA002	SANTHOSH S	BBA
33	U18BA003	AZEEZAH FATHIMA BARAKATH ALI	BBA
34	U18BA004	LOKESH S	BBA
35	U18BA005	MADURSEN JOHANES	BBA
36	U18BA006	VIJAYALAKSHMI P	BBA
37	U18BA007	SENTHIL MOHAN B	BBA
38	U18BA008	MUKKANTI MAMATHA	BBA

39	U18BA009	SURIYAKUMAR S	BBA
40	U18BA010	ARAMBAKKAM KARTHIK	BBA
41	U18BA011	K S ASIF AHMMAD	BBA
42	U18BA012	KARTHICK K	BBA
43	U18BA013	KIRANKUMAR K	BBA
44	U18BA014	VARUN G	BBA
45	U18BA015	PURUSHOTHAMAN R	BBA

Bharath Institute of Higher Education & Research
School of Arts
Course TimeTable

Value Added Course: Courses on **HANDS ON TRAINING COURSE ON TOTAL STATION**
Duration:30 Hrs

S.No	Date	Time	Hour
1	07-09-18	4.30pm to 5.30pm	1
2	07-10-18	4.30pm to 5.30pm	1
3	07-11-18	4.00pm to 6.00pm	2
4	07-12-18	4.30pm to 5.30pm	1
5	13/7/2018	4.30pm to 5.30pm	1
6	14/7/2018	10.00am to 1.00pm	3
7	16/7/2018	4.30pm to 5.30pm	1
8	17/7/2018	4.30pm to 5.30pm	1
9	18/7/2018	4.00pm to 6.00pm	2
10	19/7/2018	4.30pm to 5.30pm	1
11	20/7/2018	4.00pm to 6.00pm	2
12	21/7/2018	10.00am to 1.00pm	3
13	23/7/2018	4.30pm to 5.30pm	1
14	24/7/2018	4.30pm to 5.30pm	1
15	25/7/2018	4.30pm to 5.30pm	1
16	26/7/2018	4.00pm to 6.00pm	2
17	27/7/2018	4.30pm to 5.30pm	1
18	28/7/2018	10.00am to 1.00pm	3
19	30/7/2018	4.30pm to 5.30pm	1
20	31/7/2018	4.30pm to 5.30pm	1

Bharath Institute of Higher Education & Research
School of Arts
Lesson Plan

Value Added Course: Courses on HANDS ON TRAINING COURSE ON TOTAL STATION **Duration:30 Hrs**

S.No	Date	Topic	Time	Hour
1	07-09-18	Basics of Surveying	4.30pm to 5.30pm	1
2	07-10-18	Introduction to Surveying Instruments	4.30pm to 5.30pm	1
3	07-11-18	Digital Theodolite , Tripod Setting and Bubble Setting	4.00pm to 6.00pm	2
4	07-12-18	Digital Theodolite , Operating -- Horizontal Angles and Vertical Angles	4.30pm to 5.30pm	1
5	13/7/2018	Auto Level -Tripod Setting,Bubble and Staff Reading , Auto Level - Level Shifting and Closing ,	4.30pm to 5.30pm	1
6	14/7/2018	Total Station - Tripod Setting ,Bubble Setting and Tilt Setting , Total Station -	10.00am to 1.00pm	3
7	16/7/2018	Total Station - Measuring and Storing Points,Tape Measurement and Area Survey, Total Station -	4.30pm to 5.30pm	1
8	17/7/2018	Total Station - Change Point(CP) Shifting using Resection Method , REM and MLM, Total Station -	4.30pm to 5.30pm	1
9	18/7/2018	Total Station - Setting Out - Using Distance and Angle, Total Station - Setting Out -	4.00pm to 6.00pm	2
10	19/7/2018	Total Station - Level Shifting , TOTAL STATION REVISION	4.30pm to 5.30pm	1
11	20/7/2018	DGPS - Base,Rover,GPS Connections and Settings, Change Point(CP) Shifting using Fore Sight Method	4.00pm to 6.00pm	2
12	21/7/2018	DGPS - GPS Operating (Garmin hand held, Omnistar 5220HP & Trimble 5800),	10.00am to 1.00pm	3
13	23/7/2018	Area Survey , Creating New Job/File , Station , Back Sight,Fore Sight and Pole Handling.	4.30pm to 5.30pm	1
14	24/7/2018	DGPS DGPS Survey by RTK,PPK and Static Methods	4.30pm to 5.30pm	1
15	25/7/2018	DGPS Setting Out,COGO , Auto Level - Level Checking, Error Adjustment ,	4.30pm to 5.30pm	1
16	26/7/2018	Data Downloading,Data Processing, Converting Survey Data into AutoCAD format	4.00pm to 6.00pm	2
17	27/7/2018	Sample Road Project , Real Time Projects (Field Work)	4.30pm to 5.30pm	1
18	28/7/2018	Angles and Area Calculation , Points at Equal length and Column Marking , Total Station -	10.00am to 1.00pm	3
19	30/7/2018	AUTO LEVEL REVISION.Setting Out - Using Coordinates ,	4.30pm to 5.30pm	1
20	31/7/2018	Change Point(CP) Shifting using Fore Sight Method	4.30pm to 5.30pm	1



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SCHOOL OF ARTS

Registration Form

Value Added Course

Hands on Training course on Total Station

Date: 7/7/18

Name : Laxmi Tinkari
Reg.No : U18 BAO 78
Date of Birth : 27/12/1997
Gender : Female
Department : BBA
Year : 2018
Contact No. : 9282431450
Email ID : Laxmi/227tinkari@gmail.com.
Course Applied For : Total Station

Laxmi Tinkari
Signature



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SCHOOL OF ARTS

Registration Form

Value Added Course

Hands on Training course on Total Station

Date: 7/9/18

Name : Duraimani M.P.
Reg.No : U16BA083
Date of Birth : 25/01/2001
Gender : Male
Department : BBA
Year : 2018
Contact No. : 820970277
Email ID : MD Durai 2001@gmail.com.
Course Applied For : Total Station

M. Duraimani
Signature



Shaheed

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SCHOOL OF ARTS

Course Feedback form

Value Added Course

Date: 17/07/2018

Course Title: Courses on TOTAL STATION

Name: Laxmi Timani

RegNo: U18BA078

Department: BBA

S.No	Particulars	1	2	3	4	5
(2. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	Ojectives of the course clear to you			✓		
2.	Course contents met with your expectations				✓	✓
3.	Lecture sequence was well planned			✓		
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	Instructors encourage interaction and were helpful				✓	
7.	The level of the course					✓
(2. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give Suggestion for the improvement of the course:



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SCHOOL OF ARTS

Course Feedback form

Value Added Course

Date: 17/7/18

Course Title: Courses on TOTAL STATION

Name: M.D. Durrainani

RegNo: U18BA083

Department: BBA

S.No	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	Ojectives of the course clear to you			✓		
2.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned				✓	
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective					✓
6.	Instructors encourage interaction and were helpful					✓
7.	The level of the course					✓
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give Suggestion for the improvement of the course:



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SCHOOL OF ARTS

VALUE ADDED COURSE

HANDS ON TRAINING COURSE ON TOTAL STATION

UNIT I:

Basics of Surveying , Introduction to Surveying Instruments , Digital Theodolite , Tripod Setting and Bubble Setting , Digital Theodolite , Operating -- Horizontal Angles and Vertical Angles .

UNIT II:

Auto Level -Tripod Setting,Bubble and Staff Reading , Auto Level - Level Shifting and Closing , Auto Level - Level Checking, Error Adjustment , **Total Station - Tripod Setting ,Bubble Setting and Tilt Setting ,Total Station - Creating New Job/File , Station.**

UNIT III:

Back Sight, Fore Sight and Pole Handling , Total Station - Measuring and Storing Points,Tape Measurement and Area Survey, Total Station - Change Point(CP) Shifting using Fore Sight MethodTotal Station - Change Point(CP) Shifting using Resection Method , REM and MLM, Total Station - Setting Out - Using Coordinates.

UNIT VI:

Total Station - Setting Out - Using Distance and Angle, Total Station - Setting Out - Points at Equal length and Column Marking, Total Station - Total Station - Level Shifting , TOTAL STATION REVISIONDGPS - Base,Rover,GPS Connections and Settings**DGPS - GPS Operating (Garmin hand held, Omni star 5220HP & Trimble 5800).**

UNIT V:

Area Survey , DGPS DGPS Survey by RTK,PPK and Static MethodsDGPS Setting Out,COGO , Data Downloading,Data Processing, Converting Survey Data into AutoCAD format , Sample Road Project , Real Time Projects (Field Work)**Angles and Area Calculation**AUTO LEVEL REVISION.Change Point(CP) Shifting using Fore Sight Method



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HANDS ON TRAINING COURSE ON TOTAL STATION



RESOURCE PERSON:

CHIRAJEEVI .A

TAMBARAM

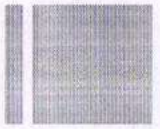
CHENNAI



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ACCREDITED WITH 'A' GRADE BY NAAC



SCHOOL OF MANAGEMENT STUDIES
CERTIFICATE OF PARTICIPATION

This is to certify that

Mr. Balamurugan

**Has participated in the course on Total Station conducted by the
school of Management Studies , BIHER 9th JULY to 31st JULY 2018**

Dr D. Arun Kumar
Course Coordinator

Dr. A. Geetha
Convenor

Dr. A. Muthukumaravel
Dean – Arts & Science