



Visvesvaraya Technological University
Center for PG Studies,
"Jnana Sangama", Belagavi - 590 018.

Prof. Anand V. Shivapur BE(Civil),ME(Hydraulics), Ph.D
Head of the Department

Mob: 9448110038

Date: 20/7/2015


Circular

M.Tech- Water & Land Management

The Department of Water and Land Management, Center for PG Studies, VTU Belagavi is offering value added courses on "**Hands on Training ERDAS Image and Visual MODFLOW software**" from 3rd to 7th August 2015. Students of both the year (First and Second year) are informed to register for the course and take advantage of the course. The last date for registration is 27th July 2015. The registration is free for VTU Students and on successful completion of the course a certificate will be issued.

The main objective of the workshop is to educate students about various fields of applications of ERDAS Image and MODFLOW in research as well as in curriculum. The course is modular in structure & provides a balanced treatment of theory, applications & practical experiences. The participants are taught the applications of software in various fields, including Water resources management, Disaster management, Ocean applications, Natural resources management etc, including basics of RS & GIS.

Students are informed to contact Dr. Nagraj. S. Patil, for registration to the above mentioned course.


Head of the Department
Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18

One Week Value Added Course on
**“Hands-on Training on ERDAS Image and Visual MODFLOW
 software”**

3rd to 7th August 2015


**Organized by
 Department of P.G Studies
 Visvesvaraya Technological University, Belgaum.**

Day	Topic	Content
1	Remote Sensing Fundamentals Online Training Course	<ul style="list-style-type: none"> • Introduction to Satellite Images and its Application • Remote Sensing Fundamentals I • Purchasing Satellite Images • Satellite Images Processing Steps
	Introduction to Practical Remote Sensing (Using ERDAS Imagine) Part -1	<ul style="list-style-type: none"> • Introduction to Practical Remote Sensing • Open and Close Layer • Raster Options • Add Views • Contents Pane • Shoe Box • Link Views and View Scale • Inquire Functions
2	Introduction To Practical Remote Sensing (Using ERDAS Imagine) Part -2	<ul style="list-style-type: none"> • Zoom, Pan, and Inset view • Measurement Tools • Blend, Swipe and Flicker • Metadata Examine • Spectral Profile • Surface Profile • Spatial Profile • Customizing My Workflow Tab • Importing Data


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 Belagavi-18

	Satellite Images Geometric Correction And Map Projection	<ul style="list-style-type: none"> • Map Projection • Image to Image Rectification • Rectification by Using GCPs' File • Rectification by Using Keyboard • Orthorectification • Reprojection
3	Satellite Images Visual Interpretation	<ul style="list-style-type: none"> • Introduction to Image Interpretation Elements • Shape and Size • Shadow • Color and Tone • Texture and Pattern • Height and Depth • Site, Situation and Association • General Revision for Satellite Image Interpretation
	Satellite Images Digitizing And Annotation	<ul style="list-style-type: none"> • Create Annotation Layer • Create Vector Layer • Create Vector Symbolology
	Satellite Images Classification Essential	<ul style="list-style-type: none"> • Unsupervised Classification • Column Properties
4	Satellite Images Classification (Advanced) + Image Differencing	<ul style="list-style-type: none"> • Supervised Classification • Image Differencing
	Map Production From Satellite Images	<ul style="list-style-type: none"> • Map Production
	Satellite Images Subsetting And Mosaicking	<ul style="list-style-type: none"> • Mosaick Images Using AOI • Generate Seamline • Create a Virtual Mosaick • Histogram Matching • Subsetting Images
	Satellite Images Enhancement	<ul style="list-style-type: none"> • Band Combination • Brightness and Contrast Adjustment • General Contrast • Piecewise Contrast • Break Points • Convolution Filtering • Resolution Merge
5	Satellite Images Terrain Analysis	<ul style="list-style-type: none"> • Create Contour Image • Create Slope Image

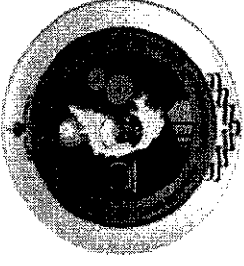
		<ul style="list-style-type: none"> • Create Aspect Image • Create Shaded Relief Image • Image Drape
	3d Viewing & Simulation For Satellite Images Using Virtual Gis	<ul style="list-style-type: none"> • 3D Viewing • Viewing Data Layers and Performing Measurements • Simulated Flight Path Design • 3D Models Viewing • Drawing of 3D Building Models • 3D Water Movement Analysis • Intervisibility Analysis • Additional Viewing Tools


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 Belagavi-18

LIST OF STUDENTS REGISTERED

- | | | |
|----|-----------------------|----------------------------|
| 1 | Dr. Nagroj S. Patil | <u>Nalal</u> |
| 2 | Chethan. N.L | Chethan |
| 3 | Vinay T.M | <u>T.M. Vinay</u> |
| 4 | Rakesh Raddes | <u>Rakesh</u> |
| 5 | Madhureddhan M.S | <u>Madhureddhan M.S</u> |
| 6 | Shivalingaswami. S.H. | Shivalingaswami |
| 7 | Nalasarani. M | <u>Nalasarani M</u> |
| 8 | Prof. C.G. Hiremath | <u>C.G. Hiremath</u> |
| 9 | Priyanka | <u>Priyanka</u> |
| 10 | Sourmyashree | <u>Sourmyashree</u> |
| 11 | Manasa. H.G. | <u>Manasa H.G.</u> |
| 12 | Chitralekha H.D | <u>Chitralekha H.D</u> |
| 13 | Ashwini. H.V. | <u>Ashwini H.V.</u> |
| 14 | Soumya. S.B | <u>Soumya S.B</u> |
| 15 | Shruti. K. | <u>Shruti K.</u> |
| 16 | Manyan. Kethib | <u>Manyan Kethib</u> |
| 17 | BAHAVARAT. D.B | <u>BAHAVARAT D.B</u> |

✍

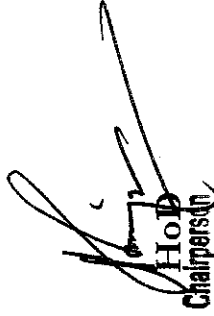


Certificate of Participation

This is to certify that Mr./Mrs. Madhusudhan. M. S. Student of

III Semester, Department of Water & Land Management, VTU-PG Studies, VTU,

Belagavi has successfully attended one week value added course on “Hands on Training on ERDAS Image and Visual MODFLOW software” from 3rd to 7th August 2015 held at Visvesvaraya Technological University, Belagavi.


HOD
Chalmers

Dept. of Civil Engineering
Visvesvaraya Technological University
Belagavi-18


Coordinator

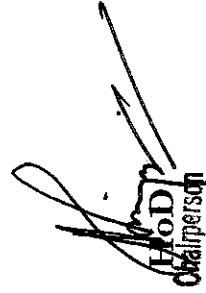


Certificate of Participation

This is to certify that Mr./Mrs. Saumya S. B Student of

/// Semester, Department of Water & Land Management, VTU-PG Studies, VTU,

Belagavi has successfully attended one week value added course on 'Hands on Training on **ERDAS Image and Visual MODFLOW software**' from 3rd to 7th August 2015 held at Visvesvaraya Technological University, Belagavi.


Chairperson

Dept. of Civil Engineering
Visvesvaraya Technological University
Belagavi-18


Coordinator



Visvesvaraya Technological University

"Jnana Sangama", Belagavi – 590 018

Dept. of Management Studies

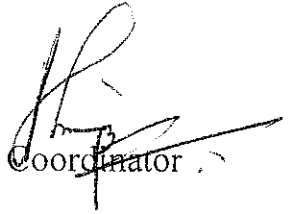
Date: 02/02/2016

CIRCULAR

All the students are informed that Value Added Course on Cognitive Skills will be conducted from 29th Feb to 2nd April 2016. The participating students will be awarded certificate at the end of the course. All the interested students are informed to register their names in the office.


HOD MBA




PG Coordinator


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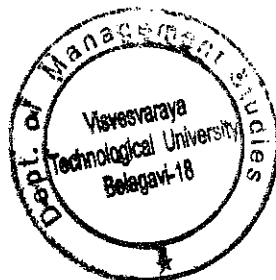
Value Added Course

Cognitive Skills

29th February to 2nd April

2016

SI NO	TOPIC	DURATION
1.	Abstract thinking	One Hour
2.	Critical thinking	One Hour
3.	Decision making	One Hour
4.	Staying Focused	One Hour
5.	Body Language	One Hour
6.	Logic and Reasoning	One Hour
7.	Memory	One Hour



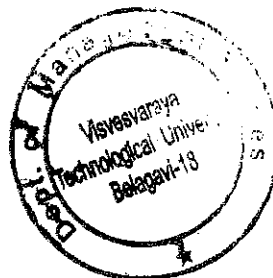

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8.	Motor skills	One Hour
9.	Perception	One Hour
10.	Problem-solving	One Hour
11.	Reasoning skills	One Hour
12.	Processing what you see and hear	One Hour
13.	Long-term memory	One Hour
14.	Short-term memory	One Hour
15.	Multitasking	One Hour
16.	Sustained Attention	One Hour
17.	Selective attention	One Hour
18.	Divided attention	One Hour




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19.	Logical skills	One Hour
20.	Auditory skills	One Hour
21.	Visual skills	One Hour
22.	Problem-solving Activity	One Hour
23.	Reasoning skills Activity	One Hour
24.	Logical Skills Activity	One Hour
25.	Activity on Memory	One Hour
26.	Decision Making Activity	One Hour
27.	Problem solving activity	One Hour
28.	Case study Multitasking	One Hour
29.	Creativity Activity	One Hour
30.	Activity on auditory skills	One Hour




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Department of Management Studies

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

Date: Feb 29th to April 2nd 2016

Sl.No.	Name of the students	DATE																														Remark				
		USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30			
18	JAYASHREE RUDRAIYA SALIMATH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
19	IOANITA DIAS		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	KARTIK HEGDE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
21	KIRAN M BADGER		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
22	KIRANKUMAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
23	KOMAL G. MULIMANI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	LAVENA MININ FURTADO		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	MADHU G KUNCHI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	MAHEMUD L.MOMIN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	MANJUNATH BASAYYA HIREMATH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	MANJUNATHA T		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	MANORAMA S BHANTRI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	MARYSOFIA STEPHEN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	MEENAKI APPASAB SANADI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	MEGHANA L.SATHAVARAMATH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	MOJUNESH D PATTAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	NAGARAJ B.ITACI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


 Dept. of Management Studies, VTU, Belagavi

Department of Management Studies

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

Date: Feb 29th to April 2nd 2016

Sl.No.	Name of the students	DATE USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark
52	SANKET SANGAYYA HIREMATH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
53	SANTOSH M DOMBAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
54	SANTOSH B SONTAKKI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
55	SAVITRI KHAVASI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
56	SEEMA KADAKOL		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
57	SHANTINATH S SULKUDE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
58	SHRINIVASA NAIK		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
59	STEVEN DANDIN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
60	SHEEL MAKANDAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
61	SUMIT VIJAY KAROLE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
62	SUSHANT DESAI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
63	TEJASWINI YADAWAD		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
64	VINAYAK A NAIK		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
65	VINAYAK SHIVAJI GAIKWAD		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
66	VINAYAK PUTTA SIDI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
67	VISHALKUMAR S		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
68	VISHNU L CHAVAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			

Dept. of Management Studies, VTU, Belgaon

Chairperson



Department of Management Studies

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

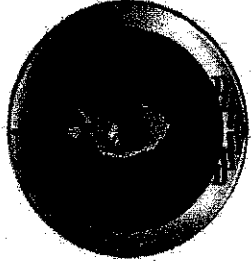
Date: Feb 29th to April 2nd 2016

Sl.No.	Name of the students	DATE																															Remark	
		USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
69	SUHEL MAKANDAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
70	SUMIT VIJAY KAROLE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
71	SUSHANT DESAI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
72	TEJASWINI YADAWAD		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
73	VINAYAK NAIK		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	


 Chairperson
 Dept. of Management Studies, VTU, Belagavi

CERTIFICATE OF PARTICIPATION

Department of Management Studies
Visvesvaraya Technological University, Belagavi- 590 018



This is to certify that Mr./Mrs. ABHISHREKA. Y. H Student of

4 Semester, Department of Management Studies (MBA), VTU, Belagavi has successfully
attended Course on Cognitive Skills commenced from 29th Feb to 2nd April 2016.

Head of the Department



Visvesvaraya Technological University

"Jnana Sangama", Belagavi – 590 018

Dept. of Management Studies

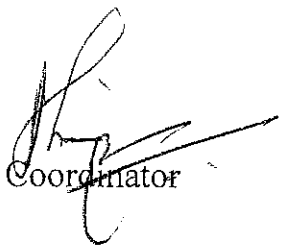
Date: 01/08/2017

CIRCULAR

All the students are informed that Value Added Course on Cognitive Skills will be conducted from 28th Aug to 30th 2017. The participating students will be awarded certificate at the end of the course. All the interested students are informed to register their names in the office.


HOD MBA




PG Coordinator

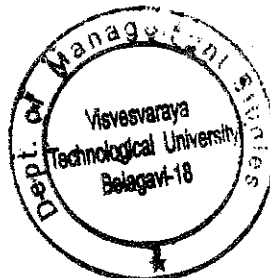

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Value Added Course

Cognitive Skills

28th August to 30th Sep 2017

SI NO	TOPIC	DURATION
1.	Abstract thinking	One Hour
2.	Critical thinking	One Hour
3.	Decision making	One Hour
4.	Staying Focused	One Hour
5.	Body Language	One Hour
6.	Logic and Reasoning	One Hour
7.	Memory	One Hour
8.	Motor skills	One Hour




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Dept. of Management Studies, VTU, Belagavi

9.	Perception	One Hour
10.	Problem-solving	One Hour
11.	Reasoning skills	One Hour
12.	Processing what you see and hear	One Hour
13.	Long-term memory	One Hour
14.	Short-term memory	One Hour
15.	Multitasking	One Hour
16.	Sustained Attention	One Hour
17.	Selective attention	One Hour
18.	Divided attention	One Hour
19.	Logical skills	One Hour




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20.	Auditory skills	One Hour
21.	Visual skills	One Hour
22.	Problem-solving Activity	One Hour
23.	Reasoning skills Activity	One Hour
24.	Logical Skills Activity	One Hour
25.	Activity on Memory	One Hour
26.	Decision Making Activity	One Hour
27.	Problem solving activity	One Hour
28.	Case study Multitasking	One Hour
29.	Creativity Activity	One Hour
30.	Activity on auditory skills	One Hour




 Chairperson
 Dept. of Management Studies, VTU, Belagavi

Department of Management Studies

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

Date: Aug 28th to 30th Sep.2017

Sl.No.	Name of the students	DATE USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark
19	KUSHAL DAS		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	LINGRAJ		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	MADAN M C		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	MARUNATH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	NARAYAN GUNDU KONDASKOP		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	NEHA SHARMA		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	NITIN NALWADE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	PAVAN INAYAK		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	PRADEEP KEMPANNA SANADI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	PRASHANTH G		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	RAJALAXMI SHASHANK TUDAVEKAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	RAJU		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	RAKESH BASAVARAJ MALI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	RAKESH N		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	RAKESH S HADAPAD		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	RAKESH SADASHIV MURDANDE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	ROHINI KULKARNI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	


 Chairperson
 Dept. of Management Studies, VTU, Belagavi

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

Date: Aug 28th to 30th Sep, 2017

Sl.No.	Name of the students	DATE		Remark
		USN		
36	SANA KAUSAR A J SHAIKH			
37	SANIYA PHANIBAND A			
38	SANTOSH SANADI			
39	SATISH APPASO KAMATE			
40	SEEMA KHWAJA			
41	SHAILA PATIL			
42	SHILPA G C			
43	SHIVKUMAR C N			
44	SHRUTI M PATTANASHETTI			
45	SHUBHANGI PUNNUCHE			
46	SHWETHA BHAT			
47	STEPHINIYA MATTHEWS			
48	SUDARSHAN			
49	SUNIL SHIMANAGUDIRA			
50	SURAJ SHANKAR KONEWADI			
51	SWATHI SUHAS PATWARDHAN			
52	SWEETY FERNADES			


Chairperson
Dept. of Management Studies, VTU, Belagavi

ATTENDANCE SHEET

Attendance for Value Added Course on - Cognitive Skills

Date: Aug 28th to 30th Sep 2017

Sl.No.	Name of the students	DATE	USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark		
53	VARSHA BEDAKE			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
54	VISHAL LAXMESHWAR			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
55	VISHAL PATIL			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
56	ASHWINI BAMDURGI			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
57	BAHNU PARKASH A			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
58	DHAKLU TANU LAMBARE			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
59	KARASAPPA			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
60	KARTIK			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
61	MAHESH DODAKALLANAVAR			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
62	NAGARAJ N			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
63	NISHANT			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
64	PALLAVI G G			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
65	PRATIK BILIGI			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
66	RADHIKA PAWAR			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
67	RAHMAN NADAF			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
68	R SHETTI			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
69	R DODDAMANANI			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Chairperson
Dept. of Management Studies, VTU, Belagavi

Attendance for Value Added Course on - Cognitive Skills

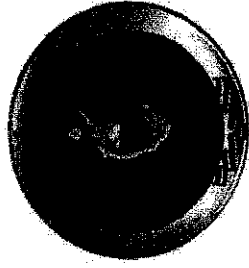
Date: Aug 28th to 30th Sep.2017

Sl.No.	Name of the students	DATE	USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark		
70	SAGAR GAVI																																			
71	SANDARA DALMEDIA																																			
72	SANTOSH S																																			
73	SWATI NARAYANAKAR																																			
74	SANTOSH PATIL																																			
75	SHRIKAR BHAT																																			
76	VENKATESH RAIKAR																																			
77	ANAND N NIDAGUNDI																																			
78	JYOTI PATIL																																			
79	MANJUSAGAR J S																																			
80	NACHIKET D																																			
81	NAGESHV BIRADAR																																			
82	SHIVAPPA GURIKAR																																			
83	GEETA																																			
84	SHIVRAJ KUMAR M																																			
85	SACHIN S																																			
86	SAMPATH J H																																			


 Chairperson
 Dept. of Management Studies, YTLU, Belagavi

CERTIFICATE OF PARTICIPATION

Department of Management Studies
Visvesvaraya Technological University, Belagavi- 590 018



This is to certify that Mr./Mrs. ✓ AISHWARYA. S. B Student of
3 Semester, Department of Management Studies (MBA), VTU, Belagavi has successfully

attended Course on Cognitive Skills commenced from 28th to 30th Aug 2017.

Head of the Department



Visvesvaraya Technological University

"Jnana Sangama", Belagavi – 590 018

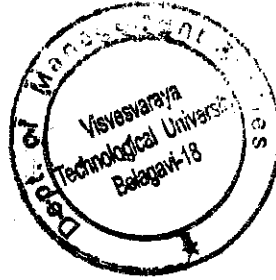
Dept. of Management Studies

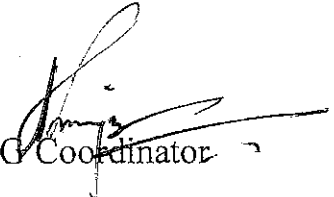
Date: 01/05/2019

CIRCULAR

All the students are informed that value added course on Introduction to Research will be conducted from 27th May to 30th June 2019. The participating students will be awarded certificate at the end of the course. All the interested students are informed to register their names in the office.


HOD MBA



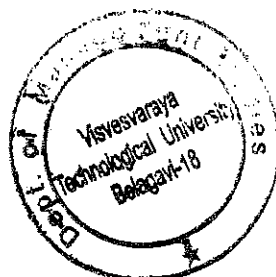

PG Coordinator

Chairperson
Dept. of Management Studies, VTU, Belagavi

Value Added Course
Introduction to Research
May 27th to June 30th 2019

Sl.no	Topic	Duration
1.	What is research?	One Hour
2.	Synthesis of problems	One Hour
3.	Critical Analysis of previous research	One Hour
4.	Creativity and research	One Hour
5.	Outcomes of research	One Hour
6.	Social impact of research	One Hour
7.	Product based research	One Hour
8.	Research and its impact on advancement human knowledge	One Hour
9.	Research in Management	One Hour
10.	Consumer Psychology	One Hour
11.	Consumer Perception and attitude	One Hour
12.	Memory and Learning	One Hour
13.	Development Studies Research	One Hour
14.	Types forms and forms Development Studies Research	One Hour

15.	Paradigms of Development Research	One Hour
16.	Development work continuum & action research in development studies	One Hour
17.	Ethics in Development Studies Research	One Hour
18.	Quantitative and mixed methods in development research	One Hour
19.	Qualitative research methods in development research	One Hour
20.	What is field work?	One Hour
21.	Who is a field worker?	One Hour
22.	Framework and SWOT analysis	One Hour



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 Dept. of Management Studies, VTU, Belagavi

23.	Gender sensitive measures	One Hour
24.	Poverty measures and analysis	One Hour
25.	Social capital assessment	One Hour
26.	Evaluation of research	One Hour
27.	Role of entrepreneurship in research	One Hour
28.	Data collection	One Hour
29.	Tools for data collection	One Hour
30.	Introduction to SPSS	One Hour



Chairperson
Dept. of Management Studies, VTU, Belagavi

ATTENDANCE SHEET

Attendance for Value Added Course on - Introduction to Research

Date: May 27th to June 30th 2019

Sl.No.	Name of the students	DATE		Date: May 27th to June 30th 2019																											Remark				
		USN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		28	29	30	
1	Abhishek M			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Abhishek Raibagkar			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Aishwarya S Patne			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Akshay Baburao Topkar			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ameer Chandsab Ukkali			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Amruta Revansiddappa Dhoop			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Amrut Kumar Wajantri			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Anil Sadashty Dhangre			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Ankita Pawale			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Ankita Sudhir Lad			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Basavaraaj Chikane			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Basavraj			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Basu Ashok Madlabhavi			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Gajanan Baburao Agioji			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Lakshmi			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Lakshmi Khavasi			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Mahendra Manohar Desai			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


Chairperson
Dept. of Management Studies, VTU, Belagavi



Attendance for Value Added Course on - Introduction to Research

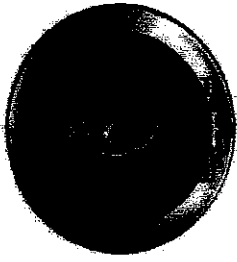
Date: May 27th to June 30th 2019

Sl.No.	Name of the students	DATE USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark	
52	Angolkar Nagesh Parashuram		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
53	Anil Janakar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
54	Anjana Chikodi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
55	Anuja Ashok Taradate		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
56	Archana Raju Nair		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
57	Ashwini B Patil		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
58	Ashwini Pol		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
59	Basavaraj Adavayya Hiremath		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
60	Bibi Ayesha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	


Chairperson
Dept. of Management Studies, VTU, Belagavi

CERTIFICATE OF PARTICIPATION

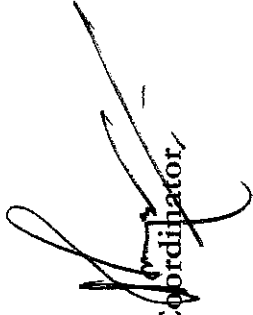
Department of Management Studies
Visvesvaraya Technological University, Belagavi- 590 018



This is to certify that Mr./Mrs. ABHISHEK.M. Student of

3 Semester, Department of Management Studies (MBA), VTU, Belagavi has successfully
attended Course on **Introduction to Research** commenced from **27th May to 30th June 2019.**


Head of the Department


PG Coordinator



Visvesvaraya Technological University

"Jnana Sangama", Belagavi – 590 018

Dept. of Management Studies

Date: 02/08/2019

CIRCULAR

All the students are informed that value added course on Business Administration Specialist will be conducted from 2nd September to 7th October 2019. All the interested students are informed to register their names in the office. Further all the participating students will be awarded certificate at the end of the course.


HOD MBA




PG Coordinator


Chairperson
Dept. of Management Studies, VTU, Belagavi

Value Added Course
Business Administration Specialist
September 2nd to 7th October 2019

SI No	Topic	Duration
1.	Clean and import account data Introduction Theory	One Hour
2.	Clean and import account data Hands on	One Hour
3.	Create users and manage access Introduction Theory	One Hour
4.	Create users and manage access Hands on	One Hour
5.	Create email templates for new marketing needs theory	One Hour
6.	Create email templates for new marketing needs Hands on	One Hour
7.	Configure UI tools for a new product type introduction	One Hour
8.	Configure UI tools for a new product type Hands on	One Hour
9.	Create reports and dashboards Introduction Theory	One Hour
10.	Manage and apply Chatter tools theory	One Hour
11.	Manage and apply Chatter tools Hands on	One Hour
12.	Data import Introduction Theory	One Hour
13.	Data import Hands on	One Hour
14.	User permissions and management theory	One Hour




 Chairperson
 Dept. of Management Studies, VTU, Belagavi

15.	User permissions and management Hands on	One Hour
16.	Email templates theory	One Hour
17.	Email templates Hands on	One Hour
18.	UI configuration theory	One Hour
19.	UI configuration Hands on	One Hour
20.	Reports and dashboards in Lightning Experience theory	One Hour
21.	Reports and dashboards in Lightning Experience	One Hour
22.	Chatter features theory	One Hour
23.	Chatter features Hands on	One Hour
24.	To create trailhead Playground for super badge Hands on	One Hour
25.	Account Reports and Dashboards	One Hour
26.	Residential Reports	One Hour
27.	Accounts by Market	One Hour
28.	Team Scoreboard Dashboard	One Hour
29.	Importance of the software	One Hour
30.	Career Opportunity	One Hour




 Chairperson
 Dept. of Management Studies, VTU, Belagavi

Visvesvaraya Technological University

Department of Management Studies

Attendance for Value Added Course on - Business Administration Specialist

Date: Sep 02, to Oct 07, 2019

Sl.No	Name of the students	DATE USN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Remark
18	Menaka Kothhal		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	Milagrin Mary Arokiyaswamy		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	Naveen Chandragouda Patil		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	Netra Sunil Ramshetty		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	Nikita Yallappa Bomadi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	Omkar Gangadhar Betageri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	Pankaj Gurav		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	Parasharam Yadav P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	Pradeep Belagali		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	Pragati Dattatraya Gurav		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	Priyanka Ningappa Golbhavi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	Priyanka Vishnu Jadaiah		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	Revati Uday Wagulkar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	Rohini Talandage		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	Rupali Joshi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	Rutuja Shinde		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	Ruturaj Prakash Patil		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	


 Chairperson
 Dept. of Management Studies, VTU, Belagavi



Visvesvaraya Technological University

Department of Civil Engineering,
"Jnana Sangama", Belagavi - 590 018.

Prof. Anand V. Shivapur BE(Civil),ME(Hydraulics), Ph.D
Chairperson

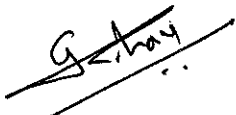
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Date: 6-11-2019

Circular

The Department of Civil Engineering, VTU Belagavi is offering value added courses on "Approaches for Treatment of Watershed" from 18th to 22nd November 2019. Students of both the year (First and Second year) are informed to register for the course and take advantage of the course. The last date for registration is 13th November 2019. On successful completion of the course a certificate will be issued.

Students are informed to contact Mr. Rohan Gurav, for registration to the above mentioned course.


Co-ordinator.


Chairperson
Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18

Five day Audit Course on
“APPROACHES FOR TREATMENT OF WATERSHED”
18th to 22th November 2019

Organised By

Faculty of Water and Land Management, Department of Civil Engineering,
 Visvesvaraya Technological University, “Jnana Sangama”, Belagavi-590 018

APPROACHES FOR TREATMENT OF WATERSHED

Course objectives:

- To analyze various components of watershed
- To be able estimate various resources of watershed area
- To apply various GIS and RS tools for assessment of watersheds hydrological components.
- To take up various kinds of treatments under agricultural and non agricultural areas of watershed

Module -1

Watershed Management- Objectives and Approaches of Watershed Management: Concept of Watershed Management, Topographic Water Divide-Watershed Divide -Simply a Divide and Ground Water Divide, Kinds of streams, Stream patterns, Watershed management, Watershed classification, Watershed programs, Components of watershed programs, Land use classification, Recommended land use and soil conservation practices for different class of land, soil and water conservation practices, For suitable cultivation lands, Limitations of different lucc, Characteristics of watershed, Watershed Treatment, People’s participation, People’s organisation Committee:

Challenges of water conservation and management-A way forward: The present situation, Challenges faced, methods to make water conservation and management effective.

Conjunctive Use of Surface and Ground Water: Present scenario in India, Methods and tools used for adopting grounwater irrigation in conjunction with surface water in the region.

Module -2

Integrated Watershed Management Program: Definition, components of Integrated Watershed Management Program, Approaches for implementation, Peoples participation and involvement in the project.

Terrace level practices and rain water harvesting structures in the watershed development:

Soil and water conservation measures: a) Agronomical and biological measures b) Mechanical or engineering measures

Terrace level practices: Bunds- 1) Contour bunds 2) Zing conservation bench terraces 3).Contour border strips 4) Graded bunds with strip levelling 5) Graded border strips:

Terraces: Types of terraces- i) Diversion terrace ii). Retention terrace

iii. Bench terrace

Water harvesting structures: Farm ponds, Check dams, Percolation tanks / Nala bunding

Mini barrages and reservoirs: Sand Dam, Subsurface Dam, Small Earthen Embankments, Dug outs

G. Jay

Chairperson
 Dept. of Civil Engineering
 Visvesvaraya Technological University,
 Belagavi

Roof top water harvesting and artificial recharge to ground water

In situ moisture conservation practices in the watershed development:

Fall ploughing, Primary tillage operation (Deep ploughing), Contour cultivation, Compartment bunding, Tied ridges, Scooping, Broad bed and furrows, Gravel sand mulching, Pebble mulch, Retention of crop residues and incorporation, Incorporation of Green manure crops, Cover crops, Set row cultivation, Wider row spacing and frequent deep intercultivation.

Module -3

River morphometric analysis using DEM data: Definitions of morphometric parameters, Use of different remote sensing tools for estimation. Importance of morphometric analysis for watershed analysis and management.

Applications of Remote Sensing and GIS for Watershed Management: Application to estimation of watershed resources, Environmental Engineering, irrigation, hydrological response components.

Dam safety and instrumentation: Importance of dam safety assessment, various tools and methods adopted for assessment of dam safety. Instrumentation in dams.

Module -4

Soil and Water Assessment Tool "SWAT" for Watershed Management: Importance of SWAT in relation with estimation of hydrological parameters of the watershed. Application of SWAT for discharge estimation, soil erosion, impact of change in LULC on the response of the watershed. Hydraulic modelling and applications: Various kinds of hydraulic modelling, applications of modelling to river and ocean coast for hydrological study.

Recharging of dried and depleting bore well using rainwater: Various methods and approaches to rejuvenate dried and depleting bore wells. Exhibition on the various methods adopted in different parts of India.

Urban and Rural Flood Management: Different kinds of scenarios experienced in urban and rural areas, Assessing tangible and intangible effects of flood of the area, Methods of management adopted in different situations.

Module -5

Improving Performance of Irrigation Systems: Introduction: India's Water Resources Development, Guidelines for Benchmarking of Irrigation Systems in India, What is Benchmarking, Benchmarking Concept, Drivers of Benchmarking, Principles of Benchmarking: Characteristics, Objectives of Benchmarking, Advantages of Benchmarking, Benchmarking of Irrigation Systems, Need for Benchmarking: Benchmarking Objectives: Purpose of the Guidelines: Selection of Participants in Benchmarking Process: Relevant criteria- a) Institutional and Managerial Criteria b) Physical Criteria, Categorization of Schemes: Salient features of the Project/system/sub-system, Data Collection and Analysis, Main Performance indicators for Benchmarking, Data requirements pertaining to the system/sub-system, Performance Indicators – Definitions

G. K. S.

Chalparson
 Dept. of Civil Engineering
 Visvesvaraya Technological University

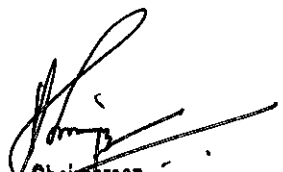
Use of Optimization Technique in Watershed Management/ Crop water requirement and irrigation scheduling: Forest hydrology/ Estimation of water yield from watershed by various techniques:

Course outcomes: At the end of the course the participants will be able to:

- Analyze components of watershed,
- Estimate resources of watershed area for effective implementation of the project,
- Apply various RS and GIS tools for understanding hydrological components of watersheds,
- Carry out treatment on agricultural and non agricultural areas of watershed

Reference Books:

1. Tideman, E. M., "Watershed Management", Omega Scientific Publishers, New Delhi, 2002
2. Suresh Rao, Soil and Water Conservation Practices, Standard Publishers, 2003.
3. J. V. S Murthy, Watershed Management, New Age International Publishers, 1998.
4. Heathcote, I. W., "Integrated Watershed Management" Springer.
5. Strahler, A. H., "Modern physical geography", John Wiley & Sons, 1991.
6. V.V. N. Murthy, Land and Water Management, Kalyani Publishers, 1994.



Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18

FIVE DAY Awar Course on

“APPROACHES FOR TREATMENT OF WATERSHED”

18th to 22th November 2019

Organised By

Faculty of Water and Land Management, Department of Civil Engineering,
Visvesvaraya Technological University, “Jnana Sangama”, Belagavi-590 018

Date/Time	10.00 to 11.30 am	11.30 to 11.45am	11.45 to 1.15pm	1.15pm to 2.15 pm	2.15 to 3.45pm	3.45 to 4.00 pm	4.00 to 5.30pm
18-11-2019	Watershed Management- Objectives and Approaches of Watershed Management	Watershed Management- Objectives and Approaches of Watershed Management...Contd.		Challenges of water conservation and management-A way forward		Conjunctive Use of Surface and Ground Water	
19-11-2019	Integrated Watershed Management Program	Integrated Watershed Management Program		Terrace level practices and rain water harvesting structures in the watershed development		In situ moisture conservation practices in the watershed development	
20-11-2019	River morphometric analysis using DEM data	Applications of Remote Sensing and GIS for Watershed Management		Applications of Remote Sensing and GIS for Watershed Management		Dam safety and instrumentation	
21-11-2019	Soil and Water Assessment Tool “SWAT” for Watershed Management	Hydraulic modelling and applications		Recharging of dried and depleting bore well using rainwater		Urban and Rural Flood Management	
22-11-2019	Improving Performance of Irrigation Systems	Use of Optimization Technique in Watershed Management/ Crop water requirement and irrigation scheduling		Optimization Tech. in Watershed Mangmnt./ Crop water requirement and irrigation scheduling...Contd.		Forest hydrology/ Estimation of water yield from watershed by various techniques	
		TEA BREAK		LUNCH		TEA BREAK	

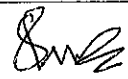



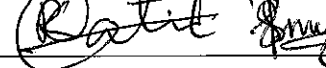
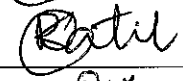
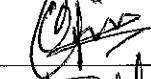


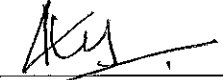
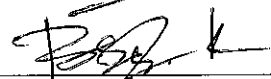

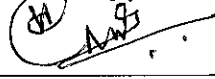
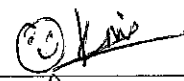

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**Five day Audit Course on
“APPROACHES FOR TREATMENT OF WATERSHED”
18th to 22th November 2019**

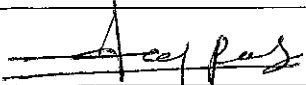



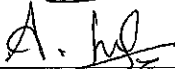
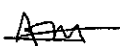


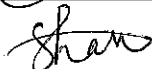

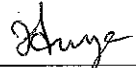

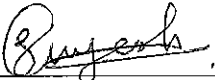
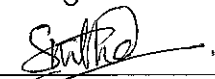


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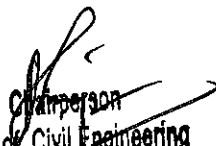
Faculty of Water and Land Management, Department of Civil Engineering,
Visvesvaraya Technological University, “Jnana Sangama”, Belagavi-590 018

REGISTRATION LIST

Sl. No.	Student Name	Semester	Signature
1	Sujnani M K	II	
2	Umesh	II	
3	Dinesh	II	
4	Jnanasagar G K	II	
5	Priyanka Sawale	II	
6	Rajalaxmi PAtil	II	
7	Pooja Bagade	II	
8	Nandini Patil	II	
9	Madhuri Patil	II	
10	R N Ranganath	II	
11	R Balchander	II	
12	Pavitra	II	
13	Vinod Ganachari	I	
14	Omkar KAndur	I	
15	Sheetal Mutagi	I	

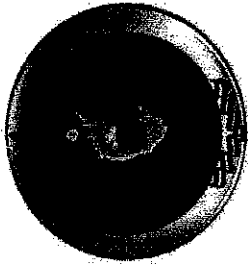

 Dept. of Civil Engineering
 Visvesvaraya Technological University,

16	Avinash P	I	
17	Akshta Bandi	I	
18	Sarvadyasagar Biradar	I	
19	Akshay Yadawad	I	
20	Santosh A	I	
21	Akhilesh Menashi	I	
22	Vinayaka K	I	
23	Machani Karthik	I	
24	Shaswath Murtugudk	I	
25	Santosh Kurade	I	
26	Dhanya Bakar	I	
27	Ajaykumar A Kulkarni	I	
28	Solapur Veeresh	I	
29	Shrkant Rathod	I	
30	Ganesh Neelannavar	I	
31	Swamy	I	


 Chairperson
 Dept. of Civil Engineering
 Visvesvaraya Technological University,
 Belagavi-18

CERTIFICATE OF PARTICIPATION


Department of Civil Engineering
Visvesvaraya Technological University, Belagavi-590018



This is to certify that Mr./Mrs. SHEETAL MUTAGI Student of

I Semester, Department of Civil Engineering, VTU, Belagavi has successfully attended Five days Audit course on "**APPROACHES FOR TREATMENT OF WATERSHED**" from **18th to 22th November 2019**.

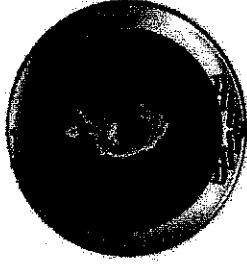

Coordinator


Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18

CERTIFICATE OF PARTICIPATION

Department of Civil Engineering

Visvesvaraya Technological University, Belagavi-590018




This is to certify that Mr./Mrs. AKSHITA BANDI Student of

I Semester, Department of Civil Engineering, VTU, Belagavi has successfully attended Five days Audit course on "**APPROACHES FOR TREATMENT OF WATERSHED**" from **18th to 22th November**

2019.


Coordinator


Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18



Visvesvaraya Technological University

Department of Civil Engineering,

"Jnana Sangama", Belagavi - 590 018.

Prof. Anand V. Shivapur BE(Civil),ME(Hydraulics), Ph.D
Chairperson

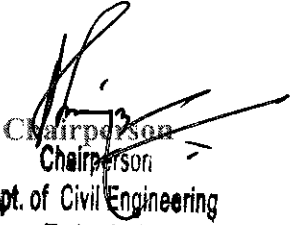
Mob: 9448110038

Date: 11-12-2019

CIRCULAR

The Department of Civil Engineering, VTU Belagavi is offering value added courses on "**Sustainable Design and Ecosystem Development**" from 23rd to 28th December 2019. Students of both the year (First and Second year) are informed to register for the course and take advantage of the course. The last date for registration is 18th December 2019. On successful completion of the course a certificate will be issued.

Students are informed to contact Mr. Rohan Gurav, for registration to the above mentioned course.


Chairperson
Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18


**Five day Value Added Course on
Sustainable Design and Ecosystem
Development**

23rd to 28th December 2019

Organised By

Faculty of Water and Land Management, Department of Civil
Engineering,
Visvesvaraya Technological University, "Jnana Sangama", Belagavi-
590 018

Day	Topic
1	Principles in the natural ecosystem and their correlation to social and cultural values and traditions, Sustainable Development Goals (5 hours)
2	Understanding spatial and cultural heritage – architectural, products and planning as a source of resilience and sustainability, Application of ecological principles for sustainability through integrated and holistic approach, interdisciplinary and multicultural design and innovation (5 hours)
3	Leadership strategies for sustainable development (a business module to support student's final project)/ and entrepreneurship (sustainable start-ups); incubators (5 hours)
4	Life-cycle analysis approach - to minimize use of natural and non-renewable resources, reduce anthropogenic impact on the environment, minimize waste, and create healthy, productive environments (5 hours)
5	Research and development methodology including qualitative methods (creativity, empathy, innovation, social and activism), design research, design thinking, service and product development (5 hours)
6	Cost-effectiveness (why pay more for green?), attractive for adoption (5 hours.)


Co-ordinator


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Belagavi-18

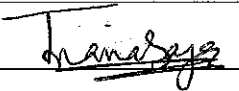

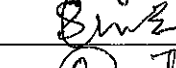
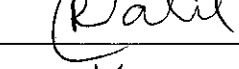


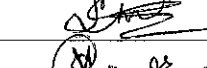
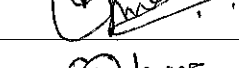


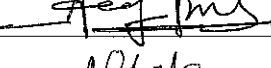



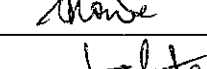
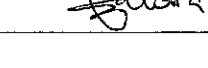
Five day Value Added Course on
Sustainable Design and Ecosystem Development

23rd to 28th December 2019

Organised By

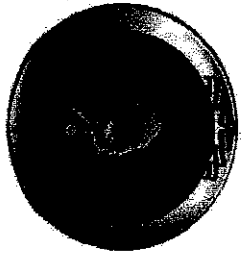
Faculty of Water and Land Management, Department of Civil Engineering,
Visvesvaraya Technological University, "Jnana Sangama", Belagavi-590 018

Registration

Sl. No.	Student Name	Semester	Signature
1	Jnanasagar G K	II	
2	Priyanka Sawale	II	
3	Sujnani M K	II	
4	Rajalaxmi Patil	II	
5	Dinesh	II	
6	Umesh	II	
7	Swamy R K	I	
8	Vinod Ganachari	I	
9	Omkar Kandur	I	
10	Sheetal Mutagi	I	
11	Avinash P	I	
12	Akshta Bandi H	I	
13	Sarvadyasagar Biradar	I	
14	Pooja S Bagade	I	
15	Shruthika	I	
16	Babita A Karabhimgol	I	




Dept. of Civil Engineering
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Jnana Sangama, Belagavi-18

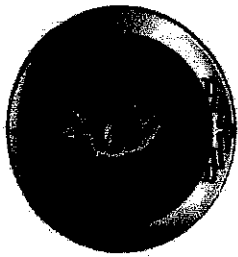
CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Mrs. SUJNANI . M . K Student of

2 Semester, Department of Civil Engineering, VTU, Belagavi has successfully attended Five days Value Added course on "**Sustainable Design and Ecosystem Development**" from 23rd to 28th December 2019 held at Visvesvaraya Technological University, Belagavi.

Coordinator

Chairperson
Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18



Visvesvaraya Technological University

Department of Civil Engineering,

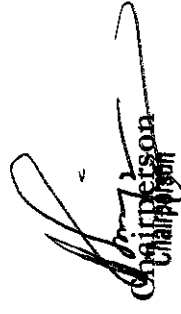
Jnana Sangama, Belagavi-18

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Mrs. VINOD GANACHARI Student of

1 Semester, Department of Civil Engineering, VTU, Belagavi has successfully attended Five days Value Added course on "**Sustainable Design and Ecosystem Development**" from 23rd to 28th December 2019 held at Visvesvaraya Technological University, Belagavi.


Coordinator


Chairperson

Dept. of Civil Engineering
Visvesvaraya Technological University,
Belagavi-18