### **BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT À BALLARI**

### CLASSROOMS AND LABORATORY PHOTOS WITH ICT FACILITIES FOR EXPERENTIAL PARTICIPATIVE LEARNING AND PROBLEM SOLIVING METHODOLOGIES FOR ENHANCING LEARNING EXPERIENCE







Ville care





### Engineering Physics (18PHY12/22)

# <u>Assignment – I</u>

(Oscillations and waves)

- 1. Define simple harmonic motion and mention its characteristics and derive differential equation of motion of SHM and mention its solution.
- 2. Describe and derive the expression for time period / frequency of a mass suspended to a spring.
- 3. Derive the expressions for the force constant in series and parallel combination of springs.
- 4. Define free oscillations with examples and derive the equation of motion of free oscillations and explain the natural frequency of vibration.
- 5. Derive the expression for decaying amplitude of damped oscillations and discuss the three cases.
- 6. Derive the expression for amplitude and phase of the forced oscillations.
- 7. Explain the phenomenon of resonance, condition for resonance, sharpness of resonance and quality factor of oscillations.
- 8. Define Mach number and classify the type of flow based on Mach number.
- 9. Distinguish between subsonic and supersonic flow.
- 10. Describe shock waves and mention their properties.
- 11. Define control volume and state laws of conservation of a shock wave.
- 12. Describe the construction and working of Reddy's shock tube.
- 13. Mention the applications of shock waves.





## ASSIGNMENT II

(Elastic Properties of Materials)

- 1. Define stress and strain, also explain different types of stress and strain.
- 2. State and explain Hooke's law and explain stress strain curve.
- 3. Explain different types of elastic modulus along with the equation.
- 4. Define lateral strain and linear strain, define Poisson's ratio and explain the limitations.
- 5. Derive the relation between shear strain, longitudinal strain and compression strain.
- 6. Derive the relation between Y,  $\eta$  and  $\sigma$ .
- 7. Derive the relation between K, Y and  $\sigma$ .
- 8. Derive the relation between K,  $\eta$  and Y.
- 9. Define the neutral surface or plain and neutral axis.
- 10.Define bending moment and hence derive the expression for bending moment in terms of moment of inertia.
- 11. What is cantilever and hence derive the expression for Young's modulus.
- 12. Derive an expression for couple per unit twist for a solid cylinder.





### Engineering Physics (18PHY12)

### <u>Assignment – III</u>

(Maxwell's equations, EM waves, Optical fibers)

- 14. Explain gradient, divergence and curl along with their physical significance.
- 15. Explain different types of integrals.
- 16. State and derive Gauss divergence theorem and state Stocke's theorem.
- 17.Describe the Gauss law electrostatics and magnetisum, Ampere's law, Biot-Sovart's law, Faraday's laws of electromagnetic induction.
- 18. Derive the equation of continuity.
- 19. What is displacement current and hence derive the expression for it.
- 20. Explain Maxwell's equations.
- 21.Derive differential form of electromagnetic wave equation using Maxwell's equations.
- 22. Explain transverse nature and polarization of electromagnetic waves.
- 23. Explain the propagation mechanism in optical fibers.
- 24.Define acceptance angle, acceptance cone and derive the expression for acceptance angle.
- 25. Define numerical aperture and derive the expression for numerical aperture.
- 26. Explain the modes of propagation and types of optical fibers.
- 27.What is attenuation? Derive attenuation coefficient and explain the reasons for attenuation.
- 28. Explain the point-to-point communication with block diagram.





### Engineering Physics (18PHY12/22)

## <u>Assignment – IV</u>

(Quantum Mechanics & Lasers)

- 1. Explain de–Broglie's hypotheses of wave nature of particles.
- 2. State and explain Heisenberg's uncertainty principle and give the physical significance of the principle.
- 3. Explain the application of Heisenberg's uncertainty principle and Show that electrons cannot exist in the nucleus of an atom.
- 4. Set up one dimensional time independent Schrödinger's wave equation.
- 5. Explain the normalization of wave function.
- 6. Explain the properties of the wave function.
- 7. Derive the Eigen values and Eigen functions for the particle in one dimensional potential well of infinite depth.
- 8. Explain spontaneous and stimulated emission of radiation.
- 9. Derive the expression for energy density in terms of Einstein's coefficients.
- 10. Explain the requirements or requisites of laser system.
- 11. Explain condition for laser action or population inversion.
- 12. Describe the construction and working of  $CO_2$  laser with energy level diagram.
- 13. Describe the construction and working of semiconductor laser.
- 14. Explain the application of LASER in defense as a range finder.
- 15. Explain the application of LASER data storage





### Engineering Physics (18PHY12/22)

### <u>Assignment – V</u>

(Materials science)

- 1. Explain the concept of Fermi energy.
- 2. Briefly explain Fermi Dirac statistics.
- 3. Explain Fermi distribution function or Fermi factor.
- 4. Explain assumptions of quantum free electron theory.
- 5. Explain the expression for density of states, Fermi velocity and Fermi temperature.
- 6. Derive the expression for Fermi energy of a metal.
- 7. Explain the success of quantum free electron theory.
- 8. Describe the Fermi level in intrinsic and extrinsic semiconductor.
- 9. Derive the expression for conductivity in semiconductor.
- 10. Derive the relation between Fermi energy and energy gap of intrinsic semiconductor.
- 11. Explain Hall Effect, Hall voltage and Hall field, Derive the expression for Hall coefficient.
- 12. Define dielectrics and their classification.
- 13. Define polarization and mention the relation between the relation between dielectric constant and polarization.
- 14. Explain the types of polarization mechanisms.
- 15. Define internal field in case of solids and mention its expression, internal field in three dimensions and Lorentz field.
- 16. Derive the expression for Clausius Mossotti equation.
- 17. Explain solid, liquid and gaseous dielectric materials with one example.
- 18. Explain the applications of dielectric material in transformers.

Staff in-charge

Ballari Institute of Technology & Management

#### BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT – BALLARI

#### **DEPARTMENT OF MANAGEMENT STUDIES**

Date: 27.05.2019

#### **Case Study**

#### **Financial Management**

1.Determine the future value of the following

- i. An initial deposit of rs.10,000 for 10 years compounded annually for 10 %
- ii. An annuity of rs.10,000 for 10 years @10%
- iii. An investor deposits rs.10,000 in a bank a/c for 5 years @8% p.a. Find out the future value if the interest is calculated annually and quarterly.

2.XYZ co.ltd borrows rs 15 lakhs at interest rate of 15% the loan is to be repaid in 5 equal installments payable at the end of each year .prepare loan amortization schedule.

3.prepare loan amortization schedule from the following information, amount of loan 5,00,000 annual rate of interest 12% loan period 12 months

4. X. Itd issues 15% debentures worth rs. 5 lakhs the face value of the debentures is rs 100 each with the floatation cost of 5 %.debentures are redeemable after 5 years with the premium of 10%, the tax rate is 10% . determine the cost of debt.

5. ABC ltd issues 10% debentures of rs 1000 each with the premium of 5% with the floatation cost of 3 %.debentures are redeemable after 5 years with the premium of 30%. determine the cost of debt.

6. from the capital structure of a company .calculate overall cost of capital using book value as weights and market value as weights.

Sources of capital	Book value	Market value
Equity share	45,000	90,000
Retained earnings	15,000	-
Preference share	10,000	10,000
Debentures	30,000	30,000

After tax cost of all the sources of finance is as follows

Sources of capital	Interest rate		
Equity share	14%		

Retained earnings	13%
Preference share	10%
Debentures	5%

7.a company is considering a investing proposal to install a new machine the project will cost rs 50,000

And will have a life of 5 years and no salvage value . the tax rate is 50%. The company is following SLM method of depreciation . the net earnings before depreciation and tax is as follows

Year	EBDT/CFDT
1	10,000
2	11,000
3	14,000
4	15,000
5	25,000

Calculate

- i. PBP
- ii. ARR
- iii. NPV @10%
- iv. PI @ 10% discounting factor

8. PC ltd sells its products on gross profit 205 on sales .the following information is extracted from its annual accounts for the year ended 31-12-2014.

- i. Sales at 3 months credit 4,00,000
- ii. Raw materials 12,00,000
- iii. Wages paid average time lag 15 days 9,60,000
- iv. Manufacturing expenses paid (1 month arrear)12,00,000
- v. Administration expenses paid (1 month arrear) 4,80,000
- vi. Sales promotion expenses payable half yearly in advance 2,00,000
- vii. The company enjoys one month credit from the suppliers of raw material and maintainance, 2 months stock of raw materials and 1 ½ month stock of finished goods
- viii. The cash balance is maintained at 1,00,000 assuming 10% margin .compute working capital requirement.

### CASE STUDY - II (ETHICAL ISSUE)

336 Business Research Methods

# CASE-11 Ethical Issues

A reputed two-wheeler agency located in North India needed a decision about whether to import or not, a relatively unknown brand of bike to supplement its domestic product. To facilitate the decision-making, the agency approached a reputed market research firm. The main purpose is to conduct a study, to determine potential consumer interest and domand for imported bikes. The result of the survey showed that, not only were respondents aware of the bike, there was a positive interest among the respondents. Consequently the agency took a decision to import the bike.

A press conference was held involving media, such as newspapers, magazine, TV, etc. Important personalities were invited. The company also expressed interest in inviting the survey participants, who had expressed their interest. This was proposed by the agency to have better interaction with respondents. Keeping this in mind, the company asked the research firm to furnish the names, addresses and phone numbers of the respondents. The research firm refused to comply with this request. They argued that to do this is a violation of respondents promised anonymity.

#### QUESTIONS

- What could be some of the consequences of providing respondents' detail to the agency?
- 2. Do you think that the research firm should comply with the agency's request?
- 3. Does the scooter/bike agency have the right to receive the participants' names since it has paid for research?
  - If only questions on interest were asked and not on sales potential, would it make a difference?

GP Dinesh

Dr. G. P. Dinesh Dean

Principal Ballari Institute of Technology & Management BELLARY

भारत सरकार अन्तरिक्ष विभाग

मुख्य नियंत्रण सुविधा वी.बी.नं. 66, हासन-573 201, भारत दूरभाष :08172-239001 to 04 फैक्स : 08172-239018



Government of India Department of Space

# **Master Control Facility**

PB #66, Hassan - 573 201, India Telephone : 08172-239001 to 04 Fax : 08172-239018

मार्च March 10, 2016

एमसीएफMCF:वप्र.अ.SAO:39/08

Sm Abdul Lateef Haroon P.S Asst. Professor, Dept. of ECE Ballari Institute of Technology and Management Ballari - (Dist)

महोदय Sir,

विषय Sub: मुख्य नियंत्रण सुविधा देखने के बारे में Visit to Master Control Facility –reg. संदर्भ Ref: आपके पत्र Your Ltr No. Nil दिनांक Dated: 12.02.2016

उपरोक्त के संदर्भ में, हमारी सुविधा को देखने के लिए निम्नानुसार अनुमति दी जाती है: With reference to the above, permission is given for visiting our facility as follows:

दिनांक Date	
समय Time	28.03.2016
व्यक्तियों की संख्या Na	1100 hrs
No. of Persons -	130 Students + 15 Staff Members

# कृपया नोट करें Please Note That:

- आपको अनुबद्ध समय के भीतर आना होगा। 1. You will have to come within the time stipulated.
  - एमसीएफ के भीतर आपकी गतिविधियों के संबंध में सुरक्षा के अनुदेशों का सख्त पालन You will have to strictly follow the instructions of the Security regarding your movement inside MCF.
- 3.

IN-1048

2.

आपको अपने आने—जाने के लिए स्वयं परिवहन की व्यवस्था करनी होगी। You will have to make your own arrangements for to and fro transport.

Page 01 of 02

65 + B

भारतीय अन्तरिक्ष अनुसंधान संगठन Indian Space Research Orga

हमारी सुविधा हासन नगर से 9 कि.मी. की दूरी पर है एवं अंदर या आस—पास किसी भी प्रकार के अल्पाहार की व्यवस्था नहीं है। Our facility is 9 kms away from Hassan town and around or inside our facility there is no possibility of getting any refreshments.

किसी भी विदेशी को अंदर जाने की अनुमति नहीं है। No foreign Nationals are allowed inside.

6.

The second

5.

उपरोक्त उल्लेखित व्यक्तियों को ही अनुमति दी जाएगी। No. of persons mentioned above only will be permitted.

भवदीय Yours faithfully,

manatel

(सुधाकर बाबू एस आर Sudhakara Babu SR) वरि. प्रशा. अधिकारी Sr. Admn. Officer Basavarajeswari Group of Institutions

ವಾರಿ ಇನ್ಸ್ ಐಟ್ಯೂಬ್ ಆಫ್ ಬೆಕ್ನಾಲಜಿ ಅಂಡ್ ಮ್ಯಾನೇಜ್ ಮೆಂಬ್ LARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



NBA Accredited Institution\*

agothri<sup>®</sup> Campus, # 873/2, Ballari-Hosapete Road, Near Allipur, Ballari-583104. Karnataka State, India. 100 / 190, Fax : 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : www.bitm.edu.

Date: 24th MARCH 2016.

# TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following students (copy attached) of ECE branch and 6<sup>th</sup> mester are permitted to undergo the specified tour to MCF Hassan (ISRO) on 28<sup>th</sup> March 2016 as per the college/university norms and college tour manual in order to meet additional requirements for the degree.

Head of the Department, Dept. of Electronics & Communication Engg. Ballari Institute of Technology & Management, (formerly Bellary Engineering College) BELLARY,

Principal,

Ballari Institute of Technology. & Management, BELLARY.



# Finalized List of students for the Industrial Visit

No.	Name of the student	Phone number
01	Afreen mazan Bee	
02	Ajay Krishna B	
03	Bhargavi P	
04	Chaitanya Jyothi Y S	
05	Chaitra C	
06	Chitra G	
07	Shruthi D	
08	Dashana R Nair	
09	Farheen Sultana B	
10	H Jagadeesh Prasad	
11	Hanumanula Hanisha	
12	Haricharan M S	
13	Harshita K	
14	Hosur Sharanamma	
15	M.Sumeira Tasneem	
16	M.Tejaswini	
17	Manjula M	
18	Varsha L	
19	Minakshee Kumari	
20	Mounika P	
21	Nazma P	
22	Pooja	
23	Rahul T	
24	Sahana A	
25	Shireen Y	
26	K Sonypriya	
27	Shruti Singh	
28	Suraksha K S	
29	Syeda Shaistha Tarannum	
30	Syeda Amena Samreen	
31	G.Tanuja	
32	Tanuja	
33	Varsha D	

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	Pranavi Roy Chowdhary	
5	Prajna M	
16	Praisy J S	
37	Manasa H	
38	Deepa Surpaneni	
39	Snuiana Naik	
40	Navana V	
41	Rochi Shahista	
42	Avecha D.D.	
42	Ayesna B B	
43	Vishwanath Naik	
44	Ruksar Banu	
45	Chaitra N	
46	Bindu C	
47	ArunaJyothi	
48	Chandrika	
49	Shubhangi	
50	Sagar	
51	Rajasekhar	
52	Shivaraj	
53	Sujay	
54	Sai Narasimha Swamy	
55	Ravikiran	
56	Shashank	
57	Rohith	
58	Nitesh	
59	Shabarish	
60	Shivakumar	
61	Vasanth Reddy	
62	Veerendra Kumar	
	Students not h	av Bus
63	Shruthi P	7820660246
64	Pooja D K	8050667320
	×	0050007320

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HOD

#### A Visit to Hassan MCF

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7.2.4

The students of 6<sup>th</sup> semester visited to Master Control Facilities (MCF), lying at distance of about 10kms from the centre of Hassan.MCF at Hassan in Karnataka monitors and control all the Geostationary/Geosynchronous satellites of ISRO namely INSAT, GSAT, Kalpana and IRNSS series of Satellites. MCF activities include round-the-clock Tracking, Telemetry and Commanding (TT&C) operations and special operations like Eclipse Management. The students had an exposure to the technical aspects such as launching the Satellites, Typical view of the Satellite control earth station and inside view of Satellite control centre. The students also visited some picturesque locations in Hassan district such as Halebedu, Belur and Sakleshpura in the Trip.

भारत सरकार अन्तरिक्ष विभाग

सतीश धवन अन्तरिक्ष केन्द्र

श्रीहरिकोटा रेंज डा.घ.524 124, नेल्लूर जिल्ला, आंप्र., भारत टेलिफोन:+91-8623-245060 (10 जं) फेक्स:+91-8623-225160



Government of India Department of Space Satish Dhawan Space Centre SHAR Sriharikota Range P.O. 524 121,

Nellore Dist., A.P., India Telephones : +91-8623-245060 (10 Lines) Fax : +91-8623-225160

#### GH/MSA/17/2018

April 24, 2018

# Sub: Permission for Visiting SDSC SHAR Facilities - Regarding.

This has reference to your email/ letter with above subject. In this regard, kindly note that you may visit the Centre as per the date and time given below:

* Approval Ref.No.	: 225/2018
* Date of Visit	: 02.05.2018 (Wednesday)
* Reporting time	: 09:00 hrs
*No. of persons permitted	: Max.110 Only, for IIIyr- ECE students (Including Staff and Vehicle Crew)

Kindly confirm your visit by Fax 08623-225576 / e-mail: <u>ppo@shar.gov.in</u>. If no confirmation is received (along with the visitor's list) on or before 27.04.2018 from **Ballari Instt. Of Technology & Management**, **Ballari**, we presume that you have dropped your programme.

Please go through the General Guidelines printed over-leaf for further details.

For any queries/help, please do not hesitate to write / contact us (Ph.No. 08623 - 226104/6094 / e-mail: ppo@shar.gov.in).

#### Wishing you a happy visit.

With regards.

(P. Gopi Krishna) Group Head, MSA

To

The Principal BITM- Ballari Instt. Of Technology & Management Ballari



# Ballari Institute of Technology & Management

(A unit of TEHRD Trust)(An ISO 9001:2008 Certified Institution) Approved by AICTE, New Delhi & Affiliated to VTU, Belgaum #873/2, "Jnana Gangothri" Campus, Hospet-Ballari Road, Allipur, Ballari-583104

### An Industrial Visit to

SHAR, Sriharikota

### from 30-04-2018 to 02-05-2018



# Organized by Department of Electronics and Communication Engineering

Place: Ballari Date: 27-04-2018

# **Department of Electronics and Communication Engineering**

# Trip to Satish Dhawan Space Center(SHAR) Sriharikota, Nellore(Dist.)

Semester: 6 and 8 (B.E. 3rd Year and Final Year Students)

SI no	Name of the Student	SI no	Name of the Student			
1	Raju VT	23	SahanaSreekanth M			
2	Umamaheshwar	24	ShaikHafeezaBanu			
3	Sunil Naik R M	25	ShaikWaseemAkhtar			
4	Rajashekar K	26	Sameer P			
5	Shiva Prasad Reddy K	27	Shrilatha B			
6	Goutami V Patil	28	SrinivasRao N			
7	Akhila B	29	V Sandhya Rani			
8	BinduSree K	30	Rupesh Kumar			
9	Akhila B M	31	Pavithra H K			
10	Swathi	32	HarshiyaZainab S			
11	Gayathri I	33	HimaSwetha S	HimaSwetha S		
12	Gouthami	34	Priyanka K A			
13	Muktha C V	35	Jyothi			
14	Srinidhi G	36	HeenaKouser D			
15	Vidya G	37	HothurShaheenDarvesh			
16	Pravalika B	38	MohammadhiTasneem			
17	Shruthi J	39	Meghana S			
18	Sreelatha M B		0			
19	Soundarya S		Names of the Faculties			
20	S K MdZaheer	1	Mr.Mallikariuna A Asst Professor			
21	Syed MuddarsirHussain R	2	Mr.AbdulLateefHaroon P.S. Asst. Professor			
22	Sana Shaikh	3	Mr.RaymondIrudayarai I.	Asst Professor		
		4	Mrs. Shilpa K.R.	Asst Professor		
		5	Ms. Sowbhagya	Asst Professor		

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BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Dept. of Electronics & Communication Engineering

### CIRCULAR

03/09/2018

It is hereby informed to all the staff members handling  $5^{th}$ Sem ECE that "A visit to Ballari FM Station" is arranged on 24/09/2018 for the Students who are enrolled and the list is enclosed, for your kind reference. For students who have not enrolled, the time table is as follows.



Date:21/8/2018

The HOD Dept of E&CE BITM, Ballari-04

Respected sir,

This letter is regarding the visit to Ballari FM Station, arranged for 5th sem ECE students. The concerned authorities have given us the permission to visit FM station on 4th of September. The students need to pay a nominal fee of Rs 118=00 towards the visiting charges. They have further requested us to send the list of students visiting and the amount through DD.

This is for your kind reference and Permission.

Thanking you,

Your's faithfuly Dr.Sadyojatha.K.M

Proceed further with the process

12 21/08/18

To

Gmail

Sumalatha N <sumalathan27@gmail.com>

# requesting a visit to your FM station

3 messages

Sun, Aug 19, 2018 at 7:33 PM

Sumalatha N <sumalathan27@gmail.com> To: airfmhospet@gmail.com

From, HOD ECE Department, BITM, Bellary

To. Director AIR FM station Hospet.

sub:Regarding a visit to Your FM Station,Belgal Cross,Ballari with respect to above subject, we wish to take our 3rd year ECE students to visit your FM station.

The BITM college has more than a two decade long presence, supports the cause for value based education, offers education for undergraduate programme and post graduate programme, seeks permission for third year ECE students to visit Your Esteemed Organisation.

As a part of the co-curriculum, to provide students with the real insight of working procedure of a FM station, We request you to provide the visit to your FM station. Kindly accord permission for around 60 to 150 students on 4th or 5th of September 2018 or as per your convenient date before 8th of September 2018.

Your Co-ordination in this regard will help the cause of education and also motivate our students. (if the same letter need be sent in a college letterhead please intimate we will do the same)

contact person: SUMALATHA Assistant professor, BITM, Bellary mob: 9620325496

with regards HOD ECE BITM, Bellari

Mon, Aug 20, 2018 at 3:58 PM

airfm hospet <airfmhospet@gmail.com> To: Sumalatha N <sumalathan27@gmail.com>

Madam,

It is informed that, for the visit an amount of Rs. 118/- is required to be paid (Rs. 100/- Visiting Fee + 18/- GST) per student and No fee

4th Septemebre `18 is convenient for proposed visit of your students to AIR, FM, Ballari. You are requested to confirm your visit and number of students and faculty members to visit on 4th September 18. Amount can be remitted through Demand Draft in favour of "DG, AIR, New Delhi A/c No.11084233414".

With Regards, Premandan Dharla, DDO, AIR, Hospet. 9902673963/9480494371

Gmail

#### isit to your FM station

messages

umalatha N <sumalathan27@gmail.com> ): airfm hospet <airfmhospet@gmail.com>

Respected sir,

We are happy for your kind acceptance for visiting your FM station at belagal cross on 4th September 2018 at 10 am. As per conversation on phone call and your email we have taken a demand draft and attached the scanned copy of the same.we will hand over the DD on the day of the visit.

New Doc 2018-08-31\_1.pdf 219K

rfm hospet <airfmhospet@gmail.com>
>: Sumalatha N <sumalathan27@gmail.com>

O Thank you [Quoted text hidden]

umalatha N <sumalathan27@gmail.com> ): Geetha H Y <geethahy.rymec@gmail.com>

[Quoted text hidden]

New Doc 2018-08-31\_1.pdf 219K Fri, Aug 31, 2018 at 11:53 A

Fri, Aug 31, 2018 at 3:55 F

Wed, Dec 19, 2018 at 12:37 F



### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT Department of Electronics & Communication Engineering

A Report On

# "VISIT TO FM RADIO STATION, BALLARI"

Submitted By

KATTIMANI LALITHA BAI R SANJANA SHRUTHI SASHI KUMAR

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3BR16EC059 3BR16EC104 3BR16EC132

### **Co-ordinated staff Members**

Dr.Sadyojatha K M, Hemanth Kumar,Sumalatha V Rao, Geetha H Y, Geethanjali G, Manjunath Ganjipet

Signature of HOD Dr.U.Eranna









• **Transmission:** Here the recorded program is transmitted with high frequency(103.3MHz). so the transmitter is required to modulate such high frequency and with the help of antenna sends to the receiver .Recorded input makes 99% of data approximately same without any disturbance.



• **Control room:** It is the room were the vocalist and other recording or live programs are done. Where the sound engineers will operate the professional audio mixing as required to the recording with specialized software suites. Ideally both the recording and controlling and monitoring is done in the control room itself specially by engineers.





(Recognised by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belgavi.) "Jnana Gangothri" Campus, # 873/2, Ballari-Hosapete Road, Near Allipur, Ballari-583104. Karnataka State, India. Ph: 08392-237167/153, Fax: 237197, Principal - 99024-99388, e-mail: bitmbly@gmail.com, web: www.bitm.edu.in

Date: 03rd May 2019

To, Shri. Suresh Babu, H. R. & Admin Dept., JSW – Cement Ltd., Toranagallu.

**Respected Sir**,

Sub: Requisition for Industrial Visit to your esteemed organization – Regd.

On behalf of Department of Management Studies, BITM Ballari, we wish to write unto you that we are intended to make an industrial visit to your esteemed organization, we have come to know through various literatures about your organization and we are fascinated with the overview of your enterprise. We would like to impart the excellence of your organization to our students which could be benefited in their career.

Also, our college management has encouraged to visit your esteemed organization that it would provide practical education to students.

Kindly accord your permission to visit on Monday 6<sup>th</sup> MAY 2019 for a team of students along with faculty members. We would also promise to follow the precaution and safety measure to be taken during the visit.

Your co-ordination in this regard will not only help the cause of education but also strengthen the youth of the nation.

Waiting with anticipation

With regards

Prof. Prithviraj Y. J. Deputy Directo, Ballari Institute of technology & Management Bellary

Dr. G. P. Dinesh Dean-Management Studies, Ballari Institute of Technology & Management, BEELARY.



P.O. Vidyanagar, Village Toranagallu, Dist. Bellary - 583275 Karnataka, India Phone : 08395-241001 Fax : 08395-241003 Website : www.jsw.in

CIN - U26957MH2006PLC160839

JSWCL/VNDR/2019/01

06-05-2019

Ballari Institute of Technology & Management, "Jnana Gangothri", Campus,#873/2, Ballari-Hosapete Road, Near Allipur, BALLARI – 583 104

Kind Attn: Prof.Prithviraj Y J,

Dear Sir,

Sub : Permission for Industrial visit. Ref : Your letter dated 3<sup>rd</sup> May 2019.

With reference to above, we are pleased to inform that, Management has accepted your request for Industrial visit of 40 students on 8<sup>th</sup> May 2019.

It is to be noted that, your students are bound by all safety rules and regulations of JSW and company will not be responsible for any mishaps happening during the visit. This includes negligence/ignorance/willful violations of all rules and regulations of JSW.

Kindly acknowledge the acceptance of the above.

For JSW Cement Limited,

Rajkumar Dhempe Plant Head

Prof.Prithviraj Y J Ballari Institute of Technology & Management, Ballari

> Dy. Director, Ballari Institute of Technology & Management, BELLARY.

> > Regd.Office: JSW Center, Bandra Kurla Complex. Bandra (East),Mumbai 400051 Phone: 022-42461000 Fax : 022-26502001

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JINDAL Part of O.P. Jindal Group

# Ballari Institute of Technology & Management Department of MBA Date : 6<sup>th</sup> May2019 Industrial Visit - JSW Cement ltd Student List : MBA 2<sup>nd</sup> Semester (C-section)

SN	USN	Student Name	SN	USN	Student Name
1	3TR18MBA32	MADHAVI P	38	3TR18MBA84	VEERESH
2	3TR18MBA33	MADHUBALA H	39	3TR18MBA85	VICKEY MAZUMDAR
3	3TR18MBA34	MAHADEV CR	40	3TR18MBA86	VYAS JAYESH ARVIND
4	3TR18MBA35	MAHIMA KARWA			
5	3TR18MBA36	МАМАТНА К В			
6	3TR18MBA37	MITTHAI SUNITHA			
7	3TR18MBA38	MOHSINAH S			
8	3TR18MBA39	MOOLA HARIKA			
9	3TR18MBA40	MURARI SAI NIKITHA			
10	3TR18MBA41	NANDA KISHOR B S			
11	3TR18MBA42	NANDINI G			
12	3TR18MBA43	NAVEEN S			
13	3TR18MBA44	NETYAM PALLAVI			
14	3TR18MBA45	NITESH PATIL			
15	3TR18MBA47	OMKAR GOWDA A M			
16	3TR18MBA48	P JEEVAN RAO			
17	3TR18MBA51	R SWATHI			
18	3TR18MBA52	RAGHAVENDRA N			
19	3TR18MBA55	ROSHINI KUMARI B			
20	3TR18MBA56	RUHI TASLIM M			
21	3TR18MBA58	SAGAR T			
22	3TR18MBA59	SAHITHI K			
23	3TR18MBA60	SAI HARSHITHA N T			
24	3TR18MBA61	SALMA BANU K			
25	3TR18MBA62	SEEMA			
26	3TR18MBA63	SHALINI			
27	3TR18MBA64	SHARADAMMA P			
28	3TR18MBA65	SHILPA G			
29	3TR18MBA66	SHIVAKUMAR U			
30	3TR18MBA68	SIMRAN S			
31	3TR18MBA69	SOUMYA SHETTY			
32	3TR18MBA71	SUDHA			
33	3TR18MBA72	SUDHA RANI			
34	3TR18MBA73	SUMITRA			
35	3TR18MBA76	SWETHA M			
36	3TR18MBA78	TEJASWINI N			
37	3TR18MBA83	VEERASWAMY			

JSW Cement Ud — cement Nanufacturer in Toranagallu, Kainataka

We had a visit to TSW cement ltd gunder the quidance q prof christopher. It has been an amazing visit Where We learnt a lot new subjects regarding cement, its process and the way it is manufactu -red, then reaching out to various customers and ite end users. This Visit will definately help us to know about the product and make it easy to improve in the field of marketing It an honour to visit a company whose chares are 25 laths and hold 49.44. Atake in company It made us impressed about the fact that how it utilize Mag from the JSW stell plants to produce Green cement, which is engineered for strength of durability. It also reduces carbon footprint q the group. We had a great time watching the process which Includes the beginning with mining and then guinding nan materiale such as linestone & clay to a fine powder called saw Meal, which is Then heated to a cintaing temperature in a cement kilon' We also Viewed how the gypsum controls the setting Properties of cement when water is added. All this process had been a great experience and the part which stole the show was the training room and hospitality.

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3TRIBMBA56 RUAT TASLIM MBA JI SOM "C'SER JSW Cement Itd - Cement Manufacturer en Toranagalles Larnataka. kle had Vested to JSW Cement on 8-5-2019 Under the guldance of prof. christopher. It have been an amazeng viset. the came to know how the Cement 25 About the Company? JShl Cement Limeted & a Subsedeary, new deverse/reati -on foray of 13 billion dollar The company has three Cement production cent Two geinding unets 'in Vejaynagara adjacent to JSW steel plant near Bellary, Kaenataka & DOlvi, Maharastra Integrated Cement plant in Nandyal Andra peadech. JSW Cement is leading the klay in permoting PSC Variant of Comment on South Indea. poetland Slag Cement (psc) also know as green cement as Et generates least amount of cor during production also generates least heat during concreting. JSW Cement also produces GGBS (Ground Granulated BF Slag) helich can be used as Replacen in the Ordenacy partlance comment during

#### Scanned with CamScanner

Concreteng and as used in metropolean ceties. Vision: Global recognition for quality Erefficiency Lohele neuturing Nature & society. Mission: Supporting India's growth in core economic Sectors with speed 4 innovation. Rocessi The Raw material is taken from the by product The Raw material is taken from the by product from Steel slag. The clinker is beought from Nandyal (Andra peadech) and Gympsum is imported from other Courteirs 1ste (Oman). These three raw materials are grend on fine powder, and packed on Green color bag. in order to tell that ISKI cement are Eco-feiendly and does not have the environment: Portland slag Cement, commonly known as PSC is blended cement slag is essentially a nonmetaller peoduct comprising of more than 90%. glass with sellicates and alumono - sellicate of lime. At JSW cement superior quality stag produced at the steel manufacturing plant It is created with a combination of upto 45-50%. Elag, 451. - 50% - clinka & 3-5% gypsein.

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ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತ

KARNATAKA POWER CORPORATION LTD., (A premier source generating company of Generation of Karnasaa) CIN USS116KA1570560001519

ದಿನಾಂಕ: 24.09.2019

ಸಂಖ್ಯೆ:ಎ1 ಎಕ ಎ ಸಿಸಿ:203 ಪ್ರಾಂಶುಪಾಲರು, ಬಳ್ಳಾರಿ ಇನ್ಸ್ಟ್ ಆಫ್ ಟೆಕ್ಸಾಲಜಿ « ಮ್ಯಾನೇಜ್ ಮೆಂಟ್, "ಜ್ಞಾನ ಗಂಗೋತ್ರಿ" ಕ್ಯಾಂಪಸ್, ನಂ.873/2, ಬಳ್ಳಾರಿ – ಹೊಸಪೇಟೆ ರಸ್ತೆ, ಅಲ್ಲಿಪುರ ಹತ್ತಿರ, బళ్ళాలి - 583 104 ದೂರವಾಣಿ: 08392-237167 / 153 ಫ್ಲಾಕ್ಸ್: 08392-237197 ಮೊಬೈಲ್: 9986916091 ಮಾನ್ಯರೆ,

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ವಿಷಯ: ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ವೀಕ್ಷಿಸಲು ಅನುಮತಿ – ಕುರಿತು. ಉಲ್ಲೇಖ: ನಿಮ್ಮ ಪತ್ರ ಸಂಖ್ಯೆ: BITM/2019-20/344 ದಿನಾಂಕ:20.09.2019.

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ಯೋಜನಾ ಪ್ರದೇಶಗಳಕ್ಕು ಸಂದರ್ಶಿಸಲು ತಾವು ಬರೆದುಕೊಂಡ ಉಲ್ಲೇಖ ಪತ್ರದಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಈ ಕೆಳಗೆ ನಮೂದಿಸಿದ ದಿನಾಂಕಗಳಂದು ನಮ್ಮ ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಸಂದರ್ಶಿಸಲು ತಮ್ಮ ಸಂಸ್ಥೆಯ 5ನೇ ಸೆಮಿಸ್ಟರ್ ಮೆಕಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ 60 ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ 03 ಉಪನ್ಯಾಸಕರು/ಸಿಬ್ಬಂದಿ ಸೇರಿ ಒಟ್ಟು 63 ಸದಸ್ಯರಿಗೆ ವೀಕ್ಷಿಸಲು ಅನುಮತಿ ನೀಡಲಾಗಿದೆ. [ಭೇಟಿಯ ಸಮಯ: ಬೆಳಿಗ್ಗೆ 9.00 ಘಂಟೆಯಿಂದ 12.00 ಘಂಟೆಯವರೆಗೆ ಮತ್ತು ಮಧ್ಯಾಹ್ನ 2.00 ಘಂಟೆಯಿಂದ 4.30 ಘಂಟೆಯವರೆಗೆ ಮಾತ್ರ – ಶನಿವಾರ ಬೆಳಿಗ್ಗೆ ಮಾತ್ರ].

- 1. ದಿನಾಂಕ: 21.10.2019ರಂದು ಬಳ್ಳಾರಿ ಶಾಖೋತ್ಪನ್ನ ವಿದ್ಯುತ್ ಕೇಂದ್ರ, ಕುಡುತಿನಿ, ಬಳ್ಳಾರಿ.
- 2. ದಿನಾಂಕ: 23.10.2019ರಂದು ಕೊಪ್ಪಳ ಜಿಲ್ಲೆ ಮತ್ತು ತಾಲ್ಲೂಕಿನಲ್ಲಿರುವ ಮುನಿರಾಬಾದ್ ದ್ಯಾಂ ಪವರ್ ಹೌಸ್, ಮುನಿರಾಬಾದ್
  - ಈ ಅನುಮತಿಯು ಕೆಳಗಿನ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟಿರುತ್ತದೆ.
- 1. ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರಿಂದ ಪಡೆದಿರುವ ಗುರುತಿನ ಚೀಟಿಯನ್ನು (Identity card) ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ. ಗುರುತಿನ ಚೀಟಿ ಇಲ್ಲದಿದ್ದ ಪಕ್ಷದಲ್ಲಿ ಮುಖ್ಯಸ್ಥರಿಂದ ದೃಢೀಕರಿಸಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಮತ್ತು ಉಪನ್ಯಾಸಕರ ಹೆಸರುಗಳ ಪಟ್ಟಿಯನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ.
- 2. ಪಟ್ಟಿಯಲ್ಲಿರುವವರನ್ನು ಭಾರತೀಯ ಪೌರರೆಂದು ಧೃಢೀಕರಿಸಬೇಕು. ಇಲ್ಲದ ಪಕ್ಷದಲ್ಲಿ ಅನುಮತಿಯನ್ನು ನಿರಾಕರಿಸಲಾಗುವುದು. ವಿದೇಶಿಯರಿಗೆ ಯೋಜನಾ ಪ್ರದೇಶಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗುವುದಿಲ್ಲ.
- ವಿಡಿಯೋ/ಮೊಬೈಲ್/ಕ್ಯಾಮರಗಳನ್ನು ಯೋಜನಾ ಪ್ರದೇಶದ ಒಳಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗುವುದನ್ನು ಹಾಗೂ ಛಾಯಾಚಿತ್ರಗಳನ್ನು, ಸೆಲ್ಫಿ ತೆಗೆಯುವುದನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.
- 4. ವಿದ್ಯಾರ್ಥಿಗಳು 16 ವರ್ಷ ಮೇಲ್ಪಟ್ಟವರಾಗಿದ್ದು ಸಂಸ್ಥೆ/ಕಾಲೇಜು ಮುಖ್ಯಸ್ಥರುಗಳು ಕಡ್ಡಾಯವಾಗಿ ತಂಡದೊಂದಿಗೆ ಇರಬೇಕು. ವಿದ್ಯಾರ್ಥಿಗಳ ರಕ್ಷಣೆಯ ಜವಾಬ್ದಾರಿ ಸಂಸ್ಥೆ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಸೇರಿರುತ್ತದೆ.
- 5. ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಆಹಾರ ಸ್ವೀಕರಿಸುವುದು, ಮನೋರಂಜನೆ ಮತ್ತು ಖಾಸಗಿ ವಾಹನಗಳಿಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- 6. ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ನಿಗಮದ ಯಾವುದೇ ಆಸ್ತಿ-ಪಾಸ್ತಿಗೆ ಹಾನಿ ಉಂಟುಮಾಡುವಂತಿಲ್ಲ. ಒಂದು ವೇಳೆ ಪ್ರಾಣ ಹಾನಿ ಮತ್ತು ಯಾವುದೇ ಅಹಿತಕರ ಘಟನೆಗಳು ಸಂಭವಿಸಿದಲ್ಲಿ ಈ ಘಟನೆಗಳಿಗೆ ಸಂಸ್ಥೆಯ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರು ಸಂಪೂರ್ಣ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತೇವೆಂದು ಹಾಗೂ ನಿಗಮದ ಆಸ್ತಿ-ಪಾಸ್ತಿಗೆ ಧಕ್ಕೆ ಉಂಟು ಮಾಡಿದಲ್ಲಿ ಸಂಪೂರ್ಣ ವೆಚ್ಚವನ್ನು ಭರಿಸಿ ಕೊಡಲಾಗುವುದೆಂದು ಪ್ರಮಾಣ ಪತ್ರದ ಮುಚ್ಚಳಿಕೆಯನ್ನು ಭೇಟಿ ನೀಡುವ ಸಂದರ್ಭದಲ್ಲಿ ಯೋಜನಾ ಪ್ರದೇಶದ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಕದ್ದಾಯವಾಗಿ ನೀಡತಕ್ಕದ್ದು. ನಿಗಮ ಯಾವುದೇ ರೀತಿಯಲ್ಲಿ ಜವಾಬ್ದಾರಿಯನ್ನು ಹೊಂದಿರುವುದಿಲ್ಲ.

ಸಂದರ್ಶಿಸುವ ತಂಡವು ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಪ್ರವೇಶಿಸಿದ ನಂತರ ಭೇಟಿಯ ವ್ಯವಸ್ಥೆಗಾಗಿ ಯೋಜನಾ ಪ್ರದೇಶದ ಕಾರ್ಯನಿರ್ವಾಹಕ ನಿರ್ದೇಶಕರು(ಬಿಟಿಪಿಎಸ್), ಕೆಪಿಸಿಎಲ್, ಕುಡುತಿನಿ–583 152, ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆ, ದೂರಾದಾಣಿ ಸಂಖ್ಯೆ: 08392-288608, ಹಾಗೂ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ (ವಿದ್ಯುತ್) ಕೆ.ಪಿ.ಸಿ.ಎಲ್, ಮುನಿರಾಬಾದ್ ಜಲವಿದ್ಯುದಾಗಾರ, ಮುನಿರಾಬಾದ್–583233, ಕೊಪ್ಪಳ, ತಾಲ್ಲೂಕು & ಜಿಲ್ಲೆ ದೂರವಾಣಿ–08539-270214 ಇವರುಗಳನ್ನು ಸಂಪರ್ಕಿಸುವುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

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ತಮ್ಮ ವಿಶ್ವಾಸಿ, ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತದ ಪರವಾಗಿ

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೧೯೯೬ (4 ಪ್ರತಿ: ಅಸಿಸ್ಟೆಂಟ್ ಸೆಕ್ರೆಟೆರಿ, ಪಂಗಾಭದ್ರಾ ಬೋರ್ಡ್, ಮೋ. ತುಂಗಾಭದ್ರಾ ಡ್ಯಾಂ, ಹೊಸಪೇಟೆ ತಾಲ್ಲೂಕು, ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆ (ಫ್ಯಾಕ್ಸ:08394-259112) ಇವರ ಮಾಹಿತಿಗಾಗಿ ಮತ್ತು ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಕೋರಲಾಗಿದೆ.





KPCL ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತ KARNATAKA POWER CORPORATION LTD.,

(A premier power generating company of Government of Karnataka) CIN U85110KA1970SGC001919

ಸಂಖ್ಯೆ:ಎ1 ಎ6 ಎ ಸಿಸಿ:171 / 1190 ಪ್ರಾಂಶುಪಾಲರು, ಬಳ್ಳಾರಿ ಇನ್ಸ್ ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ & ಮ್ಯಾನೇಜ್ಮೆಂಟ್, "ಜ್ಞಾನ ಗಂಗೋತ್ರಿ" ಕ್ಯಾಂಪಸ್, ನಂ.873/2, ಬಳ್ಳಾರಿ-ಹೊಸಪೇಟೆ ರಸ್ತೆ, ಅಲ್ಲಿಮರ್ ಹತ್ತಿರ, ಬಳ್ಳಾರಿ – 583 104 ದೂರವಾಣಿ: 08392-237167 ಫ್ಯಾಕ್ಸ್: 08392-237197 ಮಾನ್ಯರೆ, DEDOT: 20.09.2018

ವಿಷಯ: ಮುನಿರಾಬಾದ್ ಜಲವಿದ್ಯುದಾಗಾರವನ್ನು ವೀಕ್ಷಿಸಲು ಅನುಮತಿ – ಕುರಿತು. ಉಲ್ಲೇಖ: ನಿಮ್ಮ ಪತ್ರ ಸಂಖ್ಯೆ: BITM/2018-19/324 ದಿನಾಂಕ: 17.09.2018.

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ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಸಂದರ್ಶಿಸಲು ತಾವು ಬರೆದುಕೊಂಡ ಉಲ್ಲೇಖ ಪತ್ರದಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ. ಕೊಪ್ಪಳ ಜಿಲ್ಲೆ ಮತ್ತು ತಾಲ್ಲೂಕಿನಲ್ಲಿರುವ ಮುನಿರಾಬಾದ್ ಡ್ಯಾಂ ಪವರ್ ಹೌಸ್, ಮುನಿರಾಬಾದ್ – 583233, ಇದನ್ನು ವೀಕ್ಷಿಸಲು ದಿನಾಂಕ: 28.09.2018 ರಂದು ತಮ್ಮ ಸಂಸ್ಥೆಯ 5ನೇ ಸೆಮಿಸ್ಬರ್ ಮೆಕಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ 60 ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ 04 ಉಪನ್ಯಾಸಕರು/ಸಿಬ್ಬಂದಿ ಸೇರಿ ಒಟ್ಟು 64 ಸದಸ್ಯರಿಗೆ ವೀಕ್ಷಿಸಲು ಈ ಮೂಲಕ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ. [ಭೇಟಿಯ ಸಮಯ: ಬೆಳಿಗ್ಗೆ 9.00 ಘಂಟೆಯಿಂದ 12.00 ಘಂಟೆಯವರೆಗೆ ಮತ್ತು ಮಧ್ಯಾಹ್ನ 2.00 ಘಂಟೆಯಿಂದ 4.30 ಘಂಟೆಯವರೆಗೆ ಮಾತ್ರ].

ಈ ಅನುಮತಿಯು ಕೆಳಗಿನ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟಿರುತ್ತದೆ.

- 7) ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರಿಂದ ಪಡೆದಿರುವ ಗುರುತಿನ ಚೀಟಿಯನ್ನು (Identity card) ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ. ಗುರುತಿನ ಚೀಟಿ ಇಲ್ಲದಿದ್ದ ಪಕ್ಷದಲ್ಲಿ ಮುಖ್ಯಸ್ಥರಿಂದ ದೃಢೀಕರಿಸಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಮತ್ತು ಉಪನ್ಯಾಸಕರ ಹೆಸರುಗಳ ಪಟ್ಟೆಯನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ.
- 8) ಪಟ್ಟೆಯಲ್ಲಿರುವವರನ್ನು ಭಾರತೀಯ ಪೌರರೆಂದು ಧೃಢೀಕರಿಸಬೇಕು. ಇಲ್ಲದ ಪಕ್ಷದಲ್ಲಿ ಅನುಮತಿಯನ್ನು ನಿರಾಕರಿಸಲಾಗುವುದು. <u>ವಿದೇಶಿಯರಿಗೆ ಯೋಜನಾ ಪ್ರದೇಶಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗುವುದಿಲ್ಲ.</u>
- 9) ವಿಡಿಯೋ/ಮೊಬೈಲ್/ಕ್ಯಾಮರಗಳನ್ನು ಯೋಜನಾಪ್ರದೇಶದ ಒಳಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗುವುದನ್ನು ಹಾಗೂ ಛಾಯಾಚಿತ್ರಗಳನ್ನು, ಸೆಲ್ಫಿ ತೆಗೆಯುವುದನ್ನು ನಿಷೇದಿಸಲಾಗಿದೆ.
- 10) ವಿದ್ಯಾರ್ಥಿಗಳು 16ವರ್ಷ ಮೇಲ್ಪಟ್ಟವರಾಗಿದ್ದು ಸಂಸ್ಥೆ/ಕಾಲೇಜು ಮುಖ್ಯಸ್ಥರುಗಳು ಕಡ್ಡಾಯವಾಗಿ ತಂಡದೊಂದಿಗೆ ಇರಬೇಕು. ವಿದ್ಯಾರ್ಥಿಗಳ ರಕ್ಷಣೆಯ ಜವಾಬ್ದಾರಿ ಸಂಸ್ಥೆ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಸೇರಿರುತ್ತದೆ.
- 11) ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಆಹಾರ ಸ್ವೀಕರಿಸುವುದು, ಮನೋರಂಜನೆ ಮತ್ತು ಖಾಸಗಿ ವಾಹನಗಳಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- 12) ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ನಿಗಮದ ಯಾವುದೇ ಆಸ್ತಿ–ಪಾಸ್ತಿಗೆ ಹಾನಿ ಉಂಟುಮಾಡುವಂತಿಲ್ಲ. ಒಂದು ವೇಳೆ ಪ್ರಾಣ ಹಾನಿ ಮತ್ತು ಯಾವುದೇ ಅಹಿತಕರ ಘಟನೆಗಳು ಸಂಭವಿಸಿದಲ್ಲಿ ಈ ಘಟನೆಗಳಿಗೆ ಸಂಸ್ಥೆಯ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರು ಸಂಪೂರ್ಣ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತೇವೆಂದು ಹಾಗೂ ನಿಗಮದ ಆಸ್ತಿ–ಪಾಸ್ತಿಗೆ ಧಕ್ಕೆ ಉಂಟು ಮಾಡಿದಲ್ಲಿ ಸಂಪೂರ್ಣ ವೆಚ್ಚವನ್ನು ಭರಿಸಿ ಕೊಡಲಾಗುವುದೆಂದು ಪ್ರಮಾಣ ಪತ್ರದ ಮುಚ್ಚಳಿಕೆಯನ್ನು ಭೇಟಿ ನೀಡುವ ಸಂದರ್ಭದಲ್ಲಿ ಯೋಜನಾ ಪ್ರದೇಶದ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಕಡ್ಡಾಯವಾಗಿ ನೀಡತಕ್ಕದ್ದು. ನಿಗಮ ಯಾವುದೇ ರೀತಿಯಲ್ಲಿ ಜವಾಬ್ದಾರಿಯನ್ನು ಹೊಂದಿರುವುದಿಲ್ಲ.

ಸಂದರ್ಶಿಸುವ ತಂಡವು ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಪ್ರವೇಶಿಸಿದ ನಂತರ ಭೇಟಿಯ ವ್ಯವಸ್ಥೆಗಾಗಿ ಸಂಬಂಧಿಸಿದ ಯೋಜನೆಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ (ವಿದ್ಯುತ್) ಕೆ.ಪಿ.ಸಿ.ಎಲ್, ಮುನಿರಾಬಾದ್ ಜಲವಿದ್ಯುದಾಗಾರ, ಮುನಿರಾಬಾದ್–583233, ಕೊಪ್ಪಳ, ತಾಲ್ಲೂಕು & ಜಿಲ್ಲೆ ದೂರವಾಣಿ–08539-270214 ಇವರನ್ನು ಸಂಪರ್ಕಿಸುವುದು. ವಂದನೆಗಳೊಂದಿಗೆ,

To en salt

ತಮ್ಮ ವಿಶ್ವಾಸಿ, ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತದ ಪರವಾಗಿ,

ಉಪ ಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು(ಕಾರ್ಮೊರೇಟ್ ಕಮ್ಯುನಿಕೇಷನ್ಸ್) ಅಸಿಸ್ಟೆಂಟ್ ಸೆಕ್ರೆಟೆರಿ, ತುಂಗಾಭದ್ರಾ ಬೋರ್ಡ್, ಮೋ. ತುಂಗಾಭದ್ರಾ ಡ್ಯಾಂ, ಹೊಸಪೇಟೆ ತಾಲ್ಲೂಕು, ಬಳ್ಳಾರಿ ಜಿಲ್ಲೆ (ಪ್ರಾಕ್ಷ:08394-259112) ಇವರ ಮಾಹಿತಿಗಾಗಿ ಮತ್ತು ಮುಂದಿನ ಕಮಕ್ಕಾಗಿ ಕೋರಲಾಗಿದೆ.

'ಶಕ್ತಿ ಭವನ', ನಂ. 82, ರೇಸ್ ಕೋರ್ಸ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು–560 001. ದೂರವಾಣಿ : 080-2225 6568 ಫ್ಯಾಕ್ಸ್ : 080-2225 2144 'Shakthi Bhavan', # 82, Race Course Road, Bengaluru-560 001. Tel. : 080-2225 6568 Fax : 080-2225 2144 E-mail : kpclcccmpa@gmail.com Website : www.karnatakapower.com







KPCL ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತ KARNATAKA POWER CORPORATION LTD., (A premier power generating company of Government of Karnataka) CIN U85110KA1970SGC001919

ದಿನಾಂಕ:20.09.2018

ಸಂಖ್ಯೆ:ಎ1 ಎ6 ಎ ಸಿಸಿ:171 | | | 90 ಪ್ರಾಂಶುಪಾಲರು, ಬಳ್ಳಾರಿ ಇನ್ಸ್ ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ & ಮ್ಯಾನೇಜ್ಮೆಂಟ್, "ಜ್ವಾನ ಗಂಗೋತ್ರಿ" ಕ್ಯಾಂಪಸ್, ನಂ.873/2, ಬಳ್ಳಾರಿ-ಹೊಸಪೇಟೆ ರಸ್ತೆ. ಅಲ್ಲಿಮರ್ ಹತ್ತಿರ, ಬಳ್ಳಾರಿ – 583 104 ದೂರವಾಣಿ: 08392-237167 ಫ್ಯಾಕ್ಸ್: 08392-237197 ಮಾನ್ಯರೆ,

ವಿಷಯ: ಮುನಿರಾಬಾದ್ ಜಲವಿದ್ಯುದಾಗಾರವನ್ನು ವೀಕ್ಷಿಸಲು ಅನುಮತಿ – ಕುರಿತು. ಉಲ್ಲೇಖ: ನಿಮ್ಮ ಪತ್ರ ಸಂಖ್ಯೆ: BITM/2018-19/324 ದಿನಾಂಕ: 17.09.2018.

ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಸಂದರ್ಶಿಸಲು ತಾವು ಬರೆದುಕೊಂಡ ಉಲ್ಲೇಖ ಪತ್ರದಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ, ಕೊಪ್ಪಳ ಜಿಲ್ಲೆ ಮತ್ತು ತಾಲ್ಲೂಕಿನಲ್ಲಿರುವ ಮುನಿರಾಬಾದ್ ಡ್ಯಾಂ ಪವರ್ ಹೌಸ್, ಮುನಿರಾಬಾದ್ – 583233, ಇದನ್ನು ವೀಕ್ಷಿಸಲು ದಿನಾಂಕ: 28.09.2018 ರಂದು ತಮ್ಮ ಸಂಸ್ಥೆಯ 5ನೇ ಸೆಮಿಸ್ಬರ್ ಮೆಕಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ 60 ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ 04 ಉಪನ್ಯಾಸಕರು/ಸಿಬ್ಬಂದಿ ಸೇರಿ ಒಟ್ಟು 64 ಸದಸ್ಯರಿಗೆ ವೀಕ್ಷಿಸಲು ಈ ಮೂಲಕ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ. [ಭೇಟಿಯ ಸಮಯ: ಬೆಳಿಗ್ಗೆ 9.00 ಘಂಟೆಯಿಂದ 12.00 ಘಂಟೆಯವರೆಗೆ ಮತ್ತು ಮಧ್ಯಾಹ್ನ 2.00 ಘಂಟೆಯಿಂದ 4.30 ಘಂಟೆಯವರೆಗೆ ಮಾತ್ರ].

ಈ ಅನುಮತಿಯು ಕೆಳಗಿನ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟಿರುತ್ತದೆ.

- 7) ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರಿಂದ ಪಡೆದಿರುವ ಗುರುತಿನ ಚೀಟಿಯನ್ನು (Identity card) ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ. ಗುರುತಿನ ಚೀಟಿ ಇಲ್ಲದಿದ್ದ ಪಕ್ಷದಲ್ಲಿ ಮುಖ್ಯಸ್ಥರಿಂದ ದೃಢೀಕರಿಸಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಮತ್ತು ಉಪನ್ಯಾಸಕರ ಹೆಸರುಗಳ ಪಟ್ಟೆಯನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಹಾಜರು ಪಡಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ.
- 8) ಪಟ್ಟೆಯಲ್ಲಿರುವವರನ್ನು ಭಾರತೀಯ ಪೌರರೆಂದು ಧೃಢೀಕರಿಸಬೇಕು. ಇಲ್ಲದ ಪಕ್ಷದಲ್ಲಿ ಅನುಮತಿಯನ್ನು ನಿರಾಕರಿಸಲಾಗುವುದು. <u>ವಿದೇಶಿಯರಿಗೆ ಯೋಜನಾ ಪ್ರದೇಶಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗುವುದಿಲ್ಲ.</u>
- 9) ವಿಡಿಯೋ/ಮೊಬೈಲ್/ಕ್ಯಾಮರಗಳನ್ನು ಯೋಜನಾಪ್ರದೇಶದ ಒಳಗೆ ತೆಗೆದುಕೊಂಡು ಹೋಗುವುದನ್ನು ಹಾಗೂ ಛಾಯಾಚಿತ್ರಗಳನ್ನು, ಸೆಲ್ಫಿ ತೆಗೆಯುವುದನ್ನು ನಿಷೇದಿಸಲಾಗಿದೆ.
- 10) ವಿದ್ಯಾರ್ಥಿಗಳು 16ವರ್ಷ ಮೇಲ್ಪಟ್ಟವರಾಗಿದ್ದು ಸಂಸ್ಥೆ/ಕಾಲೇಜು ಮುಖ್ಯಸ್ಥರುಗಳು ಕಡ್ಡಾಯವಾಗಿ ತಂಡದೊಂದಿಗೆ ಇರಬೇಕು. ವಿದ್ಯಾರ್ಥಿಗಳ ರಕ್ಷಣೆಯ ಜವಾಬ್ದಾರಿ ಸಂಸ್ಥೆ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಸೇರಿರುತ್ತದೆ.
- 11) ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಆಹಾರ ಸ್ವೀಕರಿಸುವುದು, ಮನೋರಂಜನೆ ಮತ್ತು ಖಾಸಗಿ ವಾಹನಗಳಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- 12) ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ನಿಗಮದ ಯಾವುದೇ ಆಸ್ತಿ-ಪಾಸ್ತಿಗೆ ಹಾನಿ ಉಂಟುಮಾಡುವಂತಿಲ್ಲ. ಒಂದು ವೇಳೆ ಪ್ರಾಣ ಹಾನಿ ಮತ್ತು ಯಾವುದೇ ಅಹಿತಕರ ಘಟನೆಗಳು ಸಂಭವಿಸಿದಲ್ಲಿ ಈ ಘಟನೆಗಳಿಗೆ ಸಂಸ್ಥೆಯ/ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರು ಸಂಪೂರ್ಣ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತೇವೆಂದು ಹಾಗೂ ನಿಗಮದ ಆಸ್ತಿ-ಪಾಸ್ತಿಗೆ ಧಕ್ಕೆ ಉಂಟು ಮಾಡಿದಲ್ಲಿ ಸಂಪೂರ್ಣ ವೆಚ್ಚವನ್ನು ಭರಿಸಿ ಕೊಡಲಾಗುವುದೆಂದು ಪ್ರಮಾಣ ಪತ್ರದ ಮುಚ್ಚಳಿಕೆಯನ್ನು ಭೇಟಿ ನೀಡುವ ಸಂದರ್ಭದಲ್ಲಿ ಯೋಜನಾ ಪ್ರದೇಶದ ಮುಖ್ಯಸ್ಥರುಗಳಿಗೆ ಕಡ್ಡಾಯವಾಗಿ ನೀಡತಕ್ಕದ್ದು. ನಿಗಮ ಯಾವುದೇ ರೀತಿಯಲ್ಲಿ ಜವಾಬ್ದಾರಿಯನ್ನು ಹೊಂದಿರುವುದಿಲ್ಲ.

ಸಂದರ್ಶಿಸುವ ತಂಡವು ಯೋಜನಾ ಪ್ರದೇಶಗಳನ್ನು ಪ್ರವೇಶಿಸಿದ ನಂತರ ಭೇಟಿಯ ವ್ಯವಸ್ಥೆಗಾಗಿ ಸಂಬಂಧಿಸಿದ ಯೋಜನೆಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ (ವಿದ್ಯುತ್) ಕೆ.ಪಿ.ಸಿ.ಎಲ್, ಮುನಿರಾಬಾದ್ ಜಲವಿದ್ಯುದಾಗಾರ, ಮುನಿರಾಬಾದ್-583233, ಕೊಪ್ಪಳ, ತಾಲ್ಲೂಕು & ಜಿಲ್ಲೆ ದೂರವಾಣಿ-08539-270214 ಇವರನ್ನು ಸಂಪರ್ಕಿಸುವುದು. ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ರಾಸಿ, BITM, BELLARY. ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತದ ಪರವಾಗಿ. INWARD ಉಪ ಪ್ರಧಾನ ವ್ಯವಸ್ಥಾಪಕರು(ಕಾರ್ಮೊರೇಟ್ ಕಮ್ಯುನಿಕೇಷನ್ಸ್) Sig 'ಶಕ್ತಿ ಭವನ', ನಂ. 82, ರೇಸ್ ಕೋರ್ಸ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು-560 001. ದೂರವಾಣಿ : 080-2225 6568 ಫ್ಯಾಕ್ಸ್ : 080-2225 2144 'Shakthi Bhavan', # 82, Race Course Road, Bengaluru-560 001. Tel. : 080-2225 6568 Fax : 080-2225 2144

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

### INDUSTRIAL/FIELD VISIT DETAILS

DATE OF VISIT	28/04/2018
PLACE OF VIST	Sewage Treatment Plant @ BITM, Ballari
YEAR/SEMESTER	VI Sem
NO OF STUDENTS	52
NO OF FACULTIES	02
EVENT CODE	18CV001

### PICTURE OF EXPLAINING AT SITE:



#### BRIEF DESCRIPTION ABOUT THE PROJECT:

Water Treatment and Wastewater Treatment are subjects studied by 6<sup>th</sup> Semester Students as part of their curriculum, in view of getting practical knowledge a field visit was taken to the students at BITM Sewage treatment Plant, which is located in the college campus itself. Where they came across various varieties of treatments.

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

### INDUSTRIAL/FIELD VISIT DETAILS Year :-> 2015 - 2016

DATE OF VISIT	29-8-2018
PLACE OF VISIT	Water Treatment Plant, Moka Road, Ballari Flyover construction, SN Pet, Ballari
YEAR/SEMESTER	4 <sup>th</sup> year/ 7 <sup>th</sup> sem
NO OF STUDENTS	107
NO OF FACULTIES	05
EVENT CODE	18CV002

### 5 PICTURES OF EXPLAINING AT SITE & GROUP PICS :

3



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<u>BRIEF DESCRIPTION ABOUT THE PROJECT:</u> As a part of VTU curriculum, we have taken 7<sup>th</sup> sem Civil students for a field visit ie., for a Water Treatment plant near Vajpee Badavane, Moka Road, Bellary, which consists of various treatment units for water purification which is supplied to Bellary city for drinking and domestic purpose. The entire field visit was useful to students, as they got knowledge from where the water is drawn, how it is treated and supplied.

On the same day we have taken students to flyover under construction near SN Pet, to show Reinforced Concrete structures, Steel Structures. There we visited Retaining wall construction and Plate girder and Gantry girder construction.

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

#### INDUSTRIAL/FIELD VISIT DETAILS

1901: 12016 - 3017

DATE OF VIST	01/09/2018
PLACE OF VIST	Reservoir Toranagallu
YEAR/SEMESTER	V <sup>th</sup>
NO OF STUDENTS	102
NO OF FACULTIES	8
EVENT CODE	18CV003

#### PICTURE'S OF EXPLAINING AT SITE & GROUP PICS :





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### BRIEF DESCRIPTION ABOUT THE PROJECT:

1)

The JSW Raw water Reservoir 3 is the project done by the JSW factory for storing huge capacity of water for industrial purpose. The project was launched in 2016, and construction has begun at the remote, rugged site about 40 km from the Ballari, Karnataka, India

This report presents the result of the site visited of JSW's Raw Water Reservoir which is located at Kuruvekoppa village near Toragallu, Ballari District Karnataka. The site we visited on Saturday 1 September 2018. Morning 10.00 am.

The brief Description of the Reservoir. It is built for storing the water coming from TB dam and Alamatti dam for industrial use for JSW Steel Industry. The construction of reservoir costs around 300 crores By JSW company.

Total Area	707.85 acres
	35.79 Mil cum/ 1.25 TMC
Storage capacity	469m
Full reservoir level	495m + free board 1.50m
Length of the bund	3200m
Diameter of Jackwell	22m
Height of Jackwell	4+1 Nos
No of pumps	4850cum/hr
Head	53 m

The silent features of the Raw water Reservoir 3 are as shown in below table.

The consultant M/S Kelsatek, Bangalore Under The guidanceof IISC Bangalore

Apart from the Laboratory and Academics the students Came to know the how actually the field condition and how the book knowledge is to apply for the field. The Site engineer and Geotechnical Consultant explained well for our students the features of the reservoir. We Are thankful for them for explaining the things from Foundation level. And we are Thankful for our HOD and the management for Giving us opportunity to Visit the field.

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

#### SITE VISIT DETAILS

Yease :->2017-2018

DATE OF VISIT	30/09/2018
PLACE OF VISIT	MARADIHALLI, CHITRADURGA FORT AND ADUMALLESHWARA ZOO PARK
YEAR/SEMESTER	III rd SEM
NO OF STUDENTS	93
NO OF FACULTIES	12
EVENT CODE	18CV006

### PICTURES OF VISIT:







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### BRIEF DESCRIPTION ABOUT THE VISIT:

Maradihalli is 16 km southeast of Chitradurga town and 4 km north of Aiyamangala village along NH-4 (Bangalore - Pune highway). The Maradihalli lava is basic to intermediate, and shows best developed pillow structures in the Karnataka State, which is preserved as a National Geological Monument by GSI. (GEOLOGICAL SURVEY OF INDIA) The pillow structures near Ingaldhal area were also similar to Mardihalli pillow structures. GSI declared the site as national geological monument [NGM] in 1979 when the government of Karnataka granted 100m x 100m land. The GSI took over nearly two-acre land to preserve the rock structure for the study. There has been no worthwhile development after the recognition of the site as NGM. 'Mardihalli' is one among the 26 National Geological Monuments of India (GMI), and is being maintained by the Geological Survey of India (GSI). Pillow Lava, Maradihalli, Chitradurga District, Karnataka, hosted within Chitradurga schist belt of Dharwar Group, is one of the best of its kind in the world. This small rocky

hillock has been dated 2.5 Billion years ago.

#### **GEOLOGY OF CHITRADURGA:**

- Chitradurga schist belt is a 450 km long linear feature of Archaean age and composed of several types of volcanic and sedimentary rocks. The volcanic rocks range in composition from Spinifix Textured Peridotitic Komatiite (STPK) to rhyolite.
- The city rest belong to the oldest rock of granitic formation in the country.
- The highest hill peak of the area is located at Jogi Matti, 5 km (3.1 mi) to the south of Chitradurga.
- The area covered by the fort is reported to be 1,500 acres (607.0 ha).

#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

#### SITE VISIT DETAILS

Year :>2015 -2016

DATE OF VISIT	19/02/2019
PLACE OF EVENT	Halleys blue, steel structure, site visit@ Industrial area ,Ballari
YEAR/SEMESTER	VIII Sem
NO OF STUDENTS	11
NO OF FACULTIES	02
EVENT CODE	18CV007

#### PICTURES OF SITE VISIT :





#### BRIEF DESCRIPTION ABOUT THE SITE VISIT:

It was an one day site visit to Halley's blue steel Industry to 8<sup>th</sup> semester students which is located at industrial area Ballari, where our students have under gone a detailed training about "Steel Structures" Mr. Vishwanath and team helped us a lot regarding giving information about the preparation & manufacture of Rafters, columns, and the different process of steel cuttings and welding as per design standards and transportation. Over all it was a great experience and industry exposure to our final year engineering students. By this industrial visit the students have got enough knowledge, experience & some of the data which are required for them to carry out their final year project work.

#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

#### SITE VISIT DETAILS

Year: -> 2016 -2017

DATE OF VISIT	24/03/2019
PLACE OF VISIT	Daaroji lake, Ramsagar aqueduct & TB Dam.
YEAR/SEMESTER	VI Sem
NO OF STUDENTS	102
NO OF FACULTIES	15
EVENT CODE	18CV09

#### PICTURES OF SITE VISIT :





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#### BRIEF DESCRIPTION ABOUT THE SITE VISIT:

It was an one day technical site visit to Daroji lake, Ramsagar Aqueduct/ Tunnel and Tungabhadra dam to 6<sup>th</sup> semester students which are located in and around Hospet, Bellary Dist., where our students have under gone a detailed training about "Irrigation Structures" Over all it was a great experience and industry exposure to our 3rd year engineering students. By this industrial visit the students have got enough knowledge, experience regarding irrigation/hydraulic structures & some of the data which are required for them to carry out their future final year project work.

### Department of Computer Science Engineering 5<sup>th</sup> semester - 'A' FLIPPED CLASSROOM

Subject: Software Engineering (10IS51) Class activities 2017-18









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Signature of the Faculty Dr. R. N. Kulkarni



**NBA Accredited Institution\*** 

(Recognised by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belgaum) "Jnana Gangothri" Campus, # 873/2, Bellary-Hospet Road, Near Allipur, Bellary-583104. Karnataka State, India. Ph: 08392-237100 / 190, Fax : 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : www.bitm.edu.ir

# S Campus Connect

### Renewal of Memorandum of Understanding (MOU) of Campus Connect Program

Infosys and Ballari Institute of Technology & Management had entered into a Memorandum of Understanding (MOU) on 20-Dec-04 with respect to enriching the technical education process and to jointly work for enhancing the quality of education imparted to students, faculty and management of selected colleges of the University related to the field of Information Technology (IT). This MoU was subsequently renewed on 19-Dec-07, 19-Dec-10, 18-Dec-12, 17-Dec-14 & 16-Dec-16. The term of MOU will be expiring on 15-Dec-18. The parties wish to extend this MOU for further period of Two (2) Years, and therefore agree the term of the MOU till 14-Dec-2020. The Campus Connect MoU has undergone some modifications. The modified version is given along with this. The terms and conditions of the partnership are detailed out in the MoU.

Date: 05/ DQC/18

Place: Bangalore

Name: Sundar K S

**Designation:** Associate President & Head Campus connect Education Training & Assessment Infosys Ltd.

1.12

Signature:

**Infosys Limited** 

Electronic City, Hosur Road,

Bangalore - 560100

Associate Vice President Infosys Limited Head Campus Connect Education Date: 28<sup>th</sup> November 2018

Place: Ballari

Name: Dr. Yashvanth Bhupal

**Designation:** Director

Authorized Signatory:

Institute Name: Ballari Institute of Technology and Management Institute Seal:

lari Institute of Technology & Management, "Jnana Gangotri" Campus No. 873/2, Bellary-Hospet Road, Allipur, BELLARY-583 104.



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# Infosys<sup>®</sup> Campus Connect

### NOW THEREFORE THE PARTIES HEREBY ACKNOWLEDGE AND AGREE AS FOLLOWS:

- 1. This MOU is for collaboration between both parties, for mutual benefit, to enhance the quality of the educational experience of students of the Partner and for the specific purposes detailed in Annexure I of this MOU
- 2. Infosys shall be responsible for providing the requisite course material, publicity material such as handouts, information brochures and posters and conducting faculty enablement programmes as agreed between the parties.
- 3. The Partner shall be responsible for providing the requisite infrastructure, network and internet access and any other facility required for the education and training.
- 4. It is agreed that the terms and conditions of any agreed cooperative project (s) as outlined in Annexure 1 of this MOU shall be the subject matter of separate definitive agreements to be negotiated and agreed upon by the Parties and/or any third parties, wherever applicable, provided always the decision whether to initiate and/or implement any proposed cooperative projects shall be subject to the availability of funds and human resources on the part of each Party.
- 5. The parties, their representatives, and/or assignees, following the execution of this MOU, desire to maintain close contacts with each other to achieve the goals and objectives of, and to develop the ideas acknowledged in this MOU.
- 6. Both parties hereby agree to designate a representative from its side who will be the primary point of contact on behalf of that party.
- 7. Any expenses incurred by the parties for the purpose of this MOU shall be agreed upon and shall be borne as per the mutual agreement.
- 8. Notwithstanding any other provision of this MOU, neither party shall have any right to use any trademarks or trade name of the other party, nor to refer to this MOU or the obligations performed hereunder directly or indirectly, in connection with any product, promotion, or publication without the prior written approval of the other party
- 9. All information which has been disclosed to or obtained by either party at any time during the implementation of this MOU, is confidential information. For this purpose, the parties agree to sign the binding non-disclosure agreement in Annexure II.



### Infosys<sup>®</sup> Campus Connect

Memorandum of Understanding

This Memorandum of Understanding ("MOU") is between Infosys Ltd, a company incorporated under the laws of India with its registered office at Electronics City, Hosur Road, Bangalore – 560 100, India (hereafter referred to as "Infosys"); and <u>Ballari Institute of Technology &</u> <u>Managementa university / engineering college committed to educational excellence having its</u> office <u>Jnana Gangotri'' Campus, 873/2, Bellary-Hospet Road, Allipur, Bellary - 583 104 (Hereafter</u> referred to as "Partner").

### RECITALS:

- A. WHEREAS Partner has been established for the purpose of enriching the technical education process and to jointly work for enhancing the quality of education imparted to students of all the engineering disciplines in the field of Information Technology (IT).
- B. AND WHEREAS Infosys wishes to collaborate with the Partner for the purpose of enriching the technical education in new subject areas, learning-teaching process and to jointly work for enhancing the quality of education imparted to students of all the Information Technology ("IT") disciplines.
- C. AND WHEREAS Partner with assistance from Infosys has goals for enhancing the quality of the technical education for students thereby enabling them to meet the industry needs and to be recognized globally.



# Infosys Campus Connect

19. The parties hereby agree that they are not bound exclusively by this MOU and are at liberty to enter into any separate agreements or arrangements with any third party without reference to the other party.

In written whereof both parties put their hard seal on the day, month and year herein mentioned.

Date: DS DICIB Place: Bangalors Name: Sundar K S

Designation: Associate Vice President & Head-Campus connect Education Training & Assessment, Infosys Ltd.

Date: 28th November 2018

Place: Ballari

Name: Dr. Yashvanth Bhupal

**Designation:** Director

# Signature:

Authorized Signatory For Infosys

Seal:

Associate Vice President **Infosys** Limited Head Campus Connect Education Training & Assessment 44, Electronic City, Hosur Road Bangalore - 560 100. India

Institute: Ballari Institute of Technology & Management

Signature:

Authorized Signatory For Partner

### Seal:

Ballari Institute of Technology & Management, "Jnana Gangotri" Campus No. 873/2, Bellary-Hospet Road, Allipur, BELLARY-583 104.



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- 10. The terms and conditions mentioned herein shall commence on the execution of this MOU and shall continue for a period of two (2) years from the date thereof or for such period as may be determined or extended by the parties from time to time by written notice, unless terminated by either party in accordance with this MOU. Either party may terminate this MOU at any time by providingthree (3) months written notice to the other party.
- 11. Any notice required to be given hereunder shall be in writing and shall be deemed to be sufficiently served on the party if sent by hand or by registered post to the addresses of the party as stated in this MOU. Notices shall be deemed received: -
- (i) If sent by registered mail, three (3) days after posting;
- (ii) If by hand, on the day of delivery; and
- (iii) If sent by telex or facsimile to the correct number or designated address within seventy-two (72) working hours.
- 12. Both parties agree to take all reasonable steps to ensure the successful completion of the collaboration, and co-operate with each other in duly carrying out the obligation agreed upon.
- 13. The expiration and termination of this MOU will not affect the terms of those activities, which are in progress at the time of notification of expiry or termination of the MOU.
- 14. On the termination or expiry of this MOU or when requested by Infosys, the Partner undertakes to return all materials to Infosys without any delay.
- 15. Each party shall ensure that they do not actively solicit the faculty of the other party who is involved in the implementation of this MOU during the period of such faculty's involvement with the program and for six (6) months thereafter.
- 16. Both the parties agree that Infosys is not obliged on account of this MOU to recruit any fixed number of students from the Partner.
- 17. This MOU is an indication of good faith and intent on the part of both parties and does not create any legal obligations between them. In the event of any differences or disputes arising from the implementation of the provisions of this MOU, the parties shall as far as possible settle such differences or disputes in good faith by consultation or negotiation between the parties.
- 18. Save and except for Clause 6, Clause 7 and Clause 8, this MOU is not a legally binding contract and under no circumstances does this MOU subject either of the parties to liability for breach, whether material or minor, of contract or any other liability under international law or the laws of the country of the respective parties or any other applicable law.



# Infosys<sup>®</sup> Campus Connect

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### ANNEXURE II

# MUTUAL NON-DISCLOSURE AND CONFIDENTIALITY AGREEMENT

This is an agreement ("Agreement" hereafter) between:

INFOSYS LIMITED, with its registered office at Electronics City, Hosur Road, Bangalore 560 100 ("Infosys") including its successors; and Ballari Institute of Technology & Management operating out Jnana Gangotri" Campus, 873/2, Bellary-Hospet Road, Allipur, Bellary - 583 104. ("Partner") including the Partner's employees, affiliates and successors at the time of the entering the agreement and during the tenure of the engagement, that is effective 16-Dec-2018.

The parties possess competitively valuable Confidential Information (as hereinafter defined) regarding their past, current and future services and products, research and development, customers, business plans, software, listings, holdings, alliances, investments, transactions, intellectual property and rights associated thereto and general business operations. The parties wish to enter into a mutually beneficial relationship, and as such, wish to share their Confidential Information with the other party, including its authorized employees and agents. For the purposes of this Agreement, the party that discloses Confidential Information to the other party shall be referred to as the "Disclosing Party", and the party that receives such Confidential Information from the other party shall be referred to as the "Recipient".

The Recipient may be given access to the Disclosing Party's Confidential Information or to create new Confidential Information for the Disclosing Party.

In view of the above, the parties agree as follows:

- **Confidential Information** 1.
- "Confidential Information" includes any information:

  - specifically indicated by the Disclosing Party, either verbally or in writing, as confidential; under the circumstances of the disclosure, that are to be treated as confidential; or .
  - the Recipient creates or produces while performing its obligations under this Agreement, regardless of the media that contains the information.

Confidential Information does not include information, which:

is generally available to the public at the time of its disclosure to the Recipient; 載



### InfOSys<sup>®</sup> Campus Connect

### ANNEXURE I

### PURPOSE / SCOPE OF THE COLLABORATION:

Infosys shall facilitate and share inputs with University / College for imparting technical and soft skills training to the students. The content of the training programs and the Faculty Enablement will be done by Infosys. The details shown in Annexure I are only indicative guidelines, and Infosys may change the following at short notice at its discretion.

There will not be any cash incentive for the faculty members involved in the training programs (Technical / Soft Skills) at the institution. However, value-added offerings will be there to motivate the faculty members.



### Student / Education

- 1. Create a project bank for final year students
- 2. Publish Infosys courseware On the Web and provide access
- 3. Conducting special lectures for students at campuses
- 4. Participate in Conferences at the national/international level in the college / Seminars/
  - Contests
- 5. Increase employability by providing technical and soft skills training
- 6. Encouraging the students to visit Infosys Campuses

### Faculty

- 1. Sharing Industry oriented-courseware and Technology
- 2. Faculty Enablement Program
- 3. Sabbaticals at Infosys
- 4. Interaction with subject matter experts

**University / College** 

- 1. Share best-in-class standards (a) College-college (b) Industry-college
- 2. Books / CDs / DVDs etc. for the library
- 3. Strengthen relationship with Universities / Colleges
- 4. Work with education bodies / universities to align the industry requirements into the college curriculum



# (b) The Disclosing Party will be entitled, without waiving any other rights or remedies, to injunctive or equitable relief as may be deemed proper by a court of competent jurisdiction.

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### 4. Ownership and Warranties

- (a) All Confidential Information, including the inherent intellectual properties, remains the sole and exclusive property of the Disclosing Party and the Recipient shall no right, title or interest in the same. Similarly, the Disclosing Party does not own any of the intellectual property of the Recipient, including any proprietary methodologies, tools or practices, unless otherwise agreed. (b) The Disclosing Party, unless expressly confirmed, makes no warranty regarding the accuracy or
- 5. Applicability of Provisions
  - (a) The provisions of this Agreement are jointly and severally applicable and will not be considered waived by any act or acquiescence, except by a specific prior written confirmation. Accordingly, both parties will expressly agree in writing to any changes in the Agreement.

(b) If any provision of this Agreement is held illegal, invalid or unenforceable by law, the remaining provisions will remain in effect. Moreover, should any of the obligations of this Agreement be found illegal or unenforceable for any reasons, such obligations will be deemed to be reduced to the maximum duration, scope or subject matter allowed by law.

(c) If any action at law or in equity is necessary to enforce or interpret the rights arising out of or relating to this Agreement, the prevailing party shall be entitled to recover reasonable attorney's fees, costs and necessary disbursements in addition to any other relief to which it may be entitled. Jurisdiction 6.

This Agreement will be governed by the laws of India on all substantive aspects, and both parties consent to the jurisdiction of the courts in Bangalore.

### Tenure and Survival

All obligations created by this Agreement shall survive change or termination of the parties' business relationship for a period of two years from the date of the disclosure of the Confidential Information or the change in/termination of the business relationship of the parties whichever is later.



## Infosys Campus connect

- becomes known to the public through no fault/action of the Recipient in violation of the terms herein;
- is legally known to the Recipient at the time of disclosure by the Disclosing Party;
- is furnished by the Disclosing Party to third parties without restriction; or
- is furnished to the Recipient by a third party who to the Recipient's knowledge legally obtained said information and the right to its disclosure.
- is developed independently by Recipient without use of or reference to the Disclosing Party's information.
- 2. Restrictions on Use
- (a) The Recipient will not disclose any Confidential Information to third parties for any purpose without the prior written consent of the Disclosing Party. However, where the Recipient is required to disclose Confidential Information in accordance with judicial or other governmental action, the Recipient will give the Disclosing Party reasonable prior notice unless such notice is prohibited by applicable law.
- (b) The Recipient will not use any Confidential Information for any purposes except those expressly contemplated or authorized by the Disclosing Party.
- (c) The Recipient will take the same reasonable security precautions as it takes to safeguard its own confidential information, but in no case less than reasonable care.
- (d) The Recipient undertakes to impose the confidentially obligations on all directors, officers and employees or other persons who work for the Recipient or under its direction and control, and who will have access to the Confidential Information.
- (e) The Recipient will return all originals, copies, reproductions and summaries of Confidential Information in its control, or confirm its destruction as requested by the Disclosing Party.
- 3. Action on Breach
- (a) The Recipient will notify the Disclosing Party immediately upon discovery of any breach of this Agreement by the Recipient, and will cooperate in every reasonable way to help the Disclosing Party regain possession of the Confidential Information and prevent further breach.



# Infosys<sup>®</sup> Campus Connect

IN MITNESS WHEREOF, the parties hereto have executed this Agreement by their duly authorized the sentatives as of the date first set forth above.

Infosys Limited By:

Name: Sundar K S

Title: Associate Vice President & Head-Campus connect Education Training & Assessment Infosys Ltd.

### Date: 05/000118

Seal:

Associate Vice President Infosys Limited Head Campus Connect Education Training & Assessment 44, Electronic City, Hosur Road Pangalore - 560 100, India

M/s Ballari Institute of Technology & Management

Name: Dr. Yashvanth Bhupal

Title: Director

Date: 28<sup>th</sup> November 2018

Sign: YAnnestored

Seal:

"Jnana Gangotri" Campus No. 873/2, Bellary-Hocnot D







Dear Mr. Y. J. Prithviraj,

Greetings from Mission10X!

With your cooperation and support Mission10X has reached out to over 15,000 teachers across 24 states through faculty empowerment workshops. During these workshops we have been receiving many requests to support the faculty members in their transition from knowledge level to implement level to Imbibe level on the Mission10X methodologies.

Keeping in mind the needs of faculty, Mission10X team is happy to partner with you in pioneering this initiative in your institution. In this initiative Mission10X is proposing to work closely and intensively with Ballari Institute of Technology & Management and make Mission10X Approach as an integral part of your college culture and thereby make it, self sustainable.

We firmly believe that our relationship will result in better and deeper-engagement, development of leadership capability, improved performance of students and greater recognition for Ballari Institute of Technology & Management.

As per our discussion with the faculty members, the following were considered to be the most important challenges.

- Implementation of new methodologies with already limited time & resources
- Balancing the completion of existing curriculum with new initiatives
- To maintain motivation and momentum for change.

In association with our partners around the world, we have designed an innovative ongoing-process that would allow deeper-partnership with greater team-work to take place, to sustain the change and result in overall development.

With deeper partnership, we can now-

- Help faculty work together as a team and make better use of time & resources
- Create momentum, motivation and support for faculty to implement new methodologies
- Increase the employability of students by further empowering faculty
- Make teaching more fun for everyone

As we approach to the next level, we would want to meet and discuss with you, the avenues and prospects of our ELITE partnership in making this mission a success.

Looking forward to your response.





pplying Thought



Election .

Vamsi Krishna Gondi Ph.D Monager

Wipro Technologies No.72, EC-123, Electronics City, Bangalore-560100, India. Tel : +91-80-30880000 Extn :202219 Mobile : +91-9620012500 vamsi.gondi@wipro.com www.wipro.com

# DEEPER ENGAGEMENT

To support and sustain implementation and development together





### be circulated to the ARM and Mission10X Champion, every month. The Mission10X Champion will provide back up support to help the creation of ongoing value.

### 5. CASE STUDIES & AWARDS

MISSION

The Winning implementation practice will be converted into a case study (the format will be provided) and submitted to Mission10X. The winning case study at the college level will be eligible to compete at the national level, for the best case study of the month. The winner at the national level will be covered in the Mission10X newsletter and there will also be a reward.

Point 4 and 5 are to ensure a collaborative atmosphere in the college, sharing of good practices and to build the motivation towards sustainability.

### 6. NEW MISSION IOX INITIATIVES

New Initiatives of Mission10X like Aarambh and ULK will be introduced in the college from time to time on a priority basis.

### 7. LEADERSHIP WORKSHOP ...

The principal of the college will be given an opportunity to go through the Leadership Workshop by March 2012.

### 8. RESOURCE GUIDE

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT and Mission IOX to jointly identify faculty members from various disciplines with whom the Mission10X Champion will work with on preparing the Resource Guide for a selected subject/subjects. The Mission10X Champion will be available as a mentor to the faculty for implementation. By the end of year March 2012, BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT with the help of the Champion will create a Resource Guide for the subject. Mission10X will give a reward of Rs 40,000 per resource guide to the participants. They will also be recognised with a certificate, trophy and their names will be acknowledged in the Resource Guide.

### LOGISTICS

The college should manage the logistics and cost of organising the learners' forum in their premises. The college should also appropriately recognise the college Champion and all the other faculty members for their time invested on Mission IOX activities like the learners forum and creating resource guides. Mission IOX will bear the cost of conducting workshops, certifications, workshops kits, leadership workshop, Aarambh implementation and other rewards and recognition programs.

### **ELITE PARTNERSHIP**

On Successful completion of all the above 8 Parameters by March 2012, Mission10X will recognise BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT as an Elite Partner for implementing the Mission10X activities.

I look forward to your continued support in implementing this initiative. Kindly acknowledge copy of this letter.

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Thanking you,

Acknowledgement



Principal Signature and Seal Principal, Ballari Institute of Technology & Management, Bellary.

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Missionlox Jernology Lenning Center

WWW.MISSIONIOX.COM





attend to a Colonation in

DEAR PROF.

MISSION OX

# With your cooperation and support Mission10X has reached out to over 21000 teachers across 25 states through faculty empowerment workshops. During these workshops we have been receiving many requests to support the faculty members in their transition from knowledge to imbibing & implementing the Mission10X methodologies.

There were many requests to Mission10X, over the years on bridging the Technology gap that exists between University laboratory infrastructure and the industry practices. Unified Technology Learning Platform (UTLP) is conceptualized to bridge this gap. We are pleased to inform that first of the series UTLP has been piloted in 4 Universities successfully. These pilot institutions were able to observe significant benefits in strengthening technology and innovation capabilities of their faculty & students.

# BENEFITS OF MISSION10X TECHNOLOGY LEARNING CENTER

- Reduction of the technology gap between industry and academia by adopting innovative Teaching/Learning platforms
- Curriculum developed based on industry relevant technologies ę
- Mission10X Technology Learning Center becomes the nodal Technology Center for all 0 UTLP initiatives from Mission10X around your Institute
- Students will be able to implement industry relevant projects at the institute (Internship . at the institute). This experience makes students industry ready.
- Encourage entrepreneurship in students to develop next generation products .
- Availability of Innovative Resource Guides to administer laboratories in structured way to 0 enhance student learning. These resource guides have Pedagogy and instructional design methodologies as their backbone
- Easy access to technology by open source(Linux) operating system usage 0
- All the new developments on UTLP which include Tutorials, Resource Guides, Source 0 code of Experiments, source code of Projects completed, Project frameworks will be available on UTLP page in the Mission10X portal.
- UTLP page in the Mission10X portal supports discussion forums which encourage com-G munity based learning
- Opportunity for your faculties and students to showcase technology innovations in Mis-0 sion10X events.



### **DELIVERABLES OF MISSION10X:**

1. JOINT BRANDING FOR THE CENTER WITH WIPRO -MISSION10X.

# 2. FACULTY WORKSHOP ON UTLP

Mission10X will conduct multilevel training program for faculty members to support them take up UTLP experiments and projects.

Bridge program: This is to make faculty aware of newer technologies used in the UTLP a. . This is an optional training which may not be necessary if the faculty are already familiar with ARM and FPGA architectures. This will be self-study through mechanisms like e-learning.

UTLP Practitioner training program: This will be conducted for 5 days at a convenb. ient location where faculty members need to be available full time. Faculties are taken through the theory and hands on sessions. They complete a mini project also as part of this program. (Note: The above two training programs are offered to already certified Mission10Xians only) At the time of installation of the UTLP, one day hands on training on usage of the UTLP C.



will be conducted. This helps in more faculties at the institute to get a feel of UTLP.

# 3. FACULTY RESOURCE GUIDES (FRG)

Mission10X will be providing the Faculty Resource Guides for Embedded System Design to the institute. These guides help the faculty members to administer these 2 labs in the institute at Basic and Advanced levels. The binary code associated with these experiments will be available on Mission10X portal for download.

# **4. OPEN SOURCE SOFTWARE**

The UTLP comes with embedded Linux 2.6 ported on it. The source code for the Linux port is available on the DVD if you would like to build your own version. You will be able to develop drivers based on the requirements of any project. The DVD also contains the source code for the control panel application, source code of all the sample application programs , source code for the drivers developed for FPGA peripherals.

# **5. PROJECT THEMES**

Project themes addressing 3 industry vertical segments are available on UTLP page of Mission 10X portal and these will get added from time to time.

# 6. ACCESS TO MSSION10X PORTAL

Faculty members who attend the UTLP practitioner program will get individual logins to the Mission10X portal.

# 7. ASSESSMENT FRAMEWORK/STUDENT CERTIFICATION

Mission10X has developed an assessment framework. This will be made available to the institute and the students can take up the same and get certified on successful completion of

# their project work on UTLP framework.





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8. SUBJECT TO SATISFACTORY PERFORMANCE OF THE INSTITUTION IN DELIVERY OF VARIOUS RESPONSIBILITIES, MISSION10X WOULD ALSO FROM TIME TO TIME PROVIDE OPPORTUNITY FOR PUBLICATION OF THEIR ACHIVEMENTS IN VARIOUS FORUMS.

### **RESPONSIBILITIES OF THE INSTITUTE:**

### **1. CHAMPION IDENTIFICATION**

Institute will identify one senior Professor (either from ECE or EEE or CS or IT or EIT or TCE) as UTLP Champion from the institute. This Professor will be single point of contact for all UTLP related communication between Mission10X team and Institute. The Champion will be driving all the UTLP initiatives within the institution.

### 2. PRACTITIONER TRAINING NOMINATION

Institute will nominate 2 Assistant Professors (either from ECE or EEE or CS or IT or EIT or TCE) for the UTLP practitioners training who in turn will train faculty and students in their respective institution.

## **3. UTLP DEPLOYMENT**

- a. Each trainer will additionally coach 2 more faculties in the institution.
- b. Introduction of UTLP to the students in their second year of study( 60 students )
- c. Usage of FRG in the 3<sup>rd</sup> year of Engineering Laboratory
- d. Completion of 10 mini projects by the students by 31 March 2013.
- e. Atleast 5 final year projects by 30<sup>th</sup> April 2013.

4. OPEN SOURCE SUPPORT

Provide all experiments and projects developed as open source through the Mission10X portal 5. INFRASTRUCTURE PROVISION

Provide adequate infrastructure to the Mission10x Technology Learning Center to accommodate 20 UTLP platforms (minimum of 800 Sq Ft). These platforms are bought by the institute from authorized vendors. This center should have a provision to run a laboratory classroom with necessary teaching aids like boards, pointers etc. We encourage the institute to install an LCD projector to be able to conduct trainings when the material is available on power point.

# LOGISTICS

Con the second

The college should manage the logistics and cost of organising the training required for more faculty members. Mission10X will provide necessary materials for such trainings. The college should also appropriately recognise the college Champion and all the other faculties for their time invested on the Mission10X Technology Learning Center activities.



# MISSION 0X



# CONTINUATION

This understanding shall be in force for a period of two years commencing from the date of inauguration of MTLC and may be reviewed by mutual consent. However, the continuation of Mission10X Technology Learning Center is subject to the institute continuing to meet the above mentioned responsibilities and performance thereon.

I look forward to your continued support in implementing this initiative. Kindly acknowledge copy of this letter as acceptance of responsibilities laid in this document.



Thanking you, Head Mission10X

Principal

Acknowledgement

Principal Sign and Seal

Ballari Institute of Technology & Managemer BELLARY Fre





# System Specification

# TECHNOLOGY ENABLED LEARNING SOLUTION





# UNIVERSITY of CAMBRIDGE International Examinations

Cambridge International Certificate for Teachers and Trainers

Certificate at Professional Level with Distinction

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R.MANJULA

at

# MISSION10X WIFRO LTD

The candidate has achieved the required standard in the following units:

Developing a new teaching approach Facilitating active learning Reflecting on practice



Vice-Chancellor University of Cambridge

and the second 10 A. Sar Candidate Number: IN671110135L The second June 2011 



Wipro Mission10X MTLC Lab

# Academic Year 2017-18

Batch Number	USN	Name of the Student	Guide Name	Project Title	
	3BR15CS136	Sagar. P			
Batch1	3BR15CS045	GURURAJ ROHIT SAI	Vishnu kanth Karwa	AUTOMATED STREET LIGHT	
<b>HATCH</b>	3BR15EC120	Swaroop beldona	Air Manlumeth 8	CONTROL SYSTEM	
	3BR15EE006	Afreen Sultana			
Batch2	3BR15EC061	Mahe jabeen	C K Srinivas	SUN TRACKING SOLAR	
	3BR15CS075	Lohith. K	Renerated Internets	PANELSYSTEM	
	3BR15EE131	Umamaheshwar K		Distriction of the	
Batch3	3BR15EE033	khaseemabegum	Shridhar S M	BLIND SPOT WARNING AND	
	3BR15CS020	Ashwini B.M		MONTORING SYSTEM	
	3BR15CS143	Sameer Datt .H.K		ADAPTIVE INTELIGENCE FOR POLY FARMING	
Batch4	3BR15EC096	Rohini Ranganath Sangam	Raymond		
	3BR15CS139	Sahana k kulkarni			
	3BR15CS185	Tanveer Ahamed M Mulla		IMPLIMENTATION OF PATIENT AIDER USING UTLP KIT AND ARDUINO	
Batch5	3BR15EE020	Ganesh k	Srikanth K M		
	3BR15ECO35	Gowthmi Patil			
	3BR15CS078	M.V. Sagar Chakravarthy		VEHICLE ACCIDENT	
Batch6	3BR15CS116	Pragya Kumari	Mr. Girish Kumar. D	PREVENTION SYSTEM	
	3BR15EC034	Gonal srinidhi			
	3BR15EE030	Jeevan K			
Batch7	3BR15EE009	Ashwini.B	Mr. Srisailanath	CRACK DETECTION SYSTEM	
	3BR16CS407	Murali Reddy			
Batch8	3BR15CS041	Ganesh D			
	3BR14CS158	Kyatham Nikhil	Prof. Nilam Chadda	BOOK BANKING	
	3BR16EC438	Swathi S			
	3BR15CS048	Harika k			
Batch9	3BR15EC065	Mohammed amjad	Mr. Manjunath G	INSTITUTE-MATE	
Batch9					

	3BR15CS148	Shailaja k		
Batch10	3BR15CS150	Sheetal K	Prof.	BORE-WELL RESCUE
	3BR15CS100	Nagaveni	P.Paniramprasad	OPERATION WITH ROBOTIC

-

Contraction and Same	3BR15EC136	Shreyas Antin		ARM USING UTLP KIT	
DATON	3BR15CS012	Akhil.R			
BATCH 11	3BR15EE011	Basavaraj T	Mr. Sridhar S.K	GREENIEV	
	3BR15EC006	Afifa Amrin A	NUR STEECLAR	GREENIT	
DATCH	3BR15EE434	Sanjeev kumar H. D			
BATCH 12	3BR15CS068	K.M.Ankitha	Naseeruddin	ACTIVE THUNDER	
	3BR15CS158	Sharana basava		EARMUFF'S	
	3BR15CS029	Chandana B C	Galein Milen	MY FAMILY	
BAICH 13	3BR15CS034	DivyaShree TG	Mr. Girish Kumar. D		
	3BR15EC133	Veerendra P	Contract prove spectral		
DATON	3br15cs081	Machani Sriharsha		TOUCH PANAL SECURITY	
BAICH 14	3br14cs085	N Vishal vivek	Mr. Manjunath G		
14	3br15ee057	P Praveen		SYSTEM	
BATCH 15	3BR16CS403	Krupanand L			
	3BR15CS900	Skanda Kumar	Raymond Irudavarai	AND MALEUNICTION	
	3BR15EE039	Vishal Kumar		DETECTION	

Prof. Pasta

RELEPENSALS

Site Dimension \*

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ANDE

Signature of SPOC Dr.B.M.Vidyavathi Professor,CSE BITM,Ballari

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SMART GAS BOOKING



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Wipro Mission10X MTLC Lab

# Academic Year 2016-17

SI. No.	Batch No	USN	Name of the Student	Guide Name	Project Titles
1.	and the second	3BR13EC147	Vishal Grover		
2.	Batch1	3BR13CS078	Priyanka C.D	Prof. SRISAILA	LIEEROT
3.	Bassi	3BR13IS033	Sushma	NATH	LIFEDUI
4.		3BR13EC004	Ajay	TOUR PARENCE.	CONTRACTOR OF CONTRACTOR
5.	Batch2	3BR13CS015	Archana	Prof.	SADTAL
6.		3BR13IS017	N.M.Indravasan	NASEERUDDIN	JANTAJ
7.		3BR13EC038	Hanisha		
8.	Batch3	3BR13CS003	A Greeshma	- Prof. SRIDHAR S	ALITONOMOUS PUS
9.	1 12	3BR13EE022	G Venkat Ram	K	ACTONOMOUS BUS
10.		3BR13EC087	Rahul .T		
11.	Batch4	3BR13CS065	Mohammed Suhel Khan	Prof. PHANI	ONE DAY E-BUS PASS SYSTEM
12.		3BR13CS016	Arpitha		
13.	*	3BR14EC428	Monika		
14.	Batch5	3BR13CS007	Aishwarya Hiremat c	Prof. PRABHA K	HOME AUTOMATION USING RELAYS
15.		3BR13EE063	Sabiya Khan		
16.		3BR13EC060	Manjula M	Prof. C.K. SRINIVAS	SMART RATION CARD SYSTEM
17.	Batch6	3BR13CS119	Vikas R		
18.	Datcho	3BR13IS026	Shubhashree.G.Jo shi		
19.		3BR13EC139	Varsha D		
20.	Batch7	3BR13CS096	Sangeeta B	Prof. VISHNU	DYNAMIC PARKING LIGHT
21.		3BR13IS030	Sridhara H S	KANTH KARWA	CONTROL SYSTEM.
22.		3BR13EC018	Chaitra N		
23.	Batch8	3BR13CS059	Manjushree	Prof.GIRISH	MY PLANT
24.		3BR13EE090	Vinay.M	KUMAR D	5 COLORINA
25.		3BR13EC084	Prasanna Kumar		
26.	Batcho	3BR13CS025	B Midhisha Reddy		SMART GAS BOOKING
27.	Datens	3BR13CS004	Syed Abdul Haseeb	Prof. NILAM	SYSTEM
28.		3BR13EC105	Shanshank A	Drof	
29.	Batch1	3BR13CS027	Chaitanya K.T	MANILINIATILA	AUTOMATED HOSPITAL
30.	0	3BR12IS001	Adarsh	G	TOKEN SYSREM
1.		3BR14FF424	Madhu kiran CH		



33.		3BR13CS064	Mohammed Mudassir Ahamed		SMART CONTROL HUB	
34.		3BR13EC037	H. Manasa	V LATE LAL		
35.	Batch	3BR14CS404	Beeralinga. K	Prof.SRIKANTH	AUTOMATIC ROOM	
36.	12	3BR13EE086	V. Shruti		LIGHT CONTROLLER	
37.	140	3BR13CS066	Monish M M	CLEAR PROTON CITIE		
38.	Batch	3BR13EE075	Srinath .v	Prof.GIRISH KUMAR D	SMART AQUARIUM	
39.	7 13	3BR13EC055	Rahul .M			
40.		3BR13CS072	Pallavi.k	Prof .PRABHA.K	AUTOMATIC RAILWAY GATE CONTROL USING RF	
41.	Batch	3BR13EC044	Arpitha.i			
42.	14	3BR12IS034	Pooja.N.V			
43.		3BR13CS051	Kiran Kumar.j	Prof .SRISAILANATH		
44.	Batch 15	3BR13IS006	B.S.Sreekar			
45.		3BR13EC014	Bindu.c		S-CART	

. 3BR12C5095 Participation of the Participa **BOREZES** Delan Gazikai ochen Signature of SPOC Dr.B.M.Vidyavathi Professor, CSE BITM, Ballari Crime management ustern-. 150 





Wipro Mission10X MTLC Lab



# Academic Year 2015-16

SI. No.	Batch No	USN	Name of the Student	Final project title	Guide Name	
1.	Batch	3BR12EC086	Ramya S. Bharadwaj	2014-15		
2.	Batch	3BR12CS053	Mohamed Moies.	. Smart Parking system	Prof Venkateshwar A	
3.		3BR12EE107	Swati Devi Chauhan		A TON VENKALESHWALA	
4.	Batch	3BR12ECO59	M.Shalini Sreekanth	Always green for		
5.	2	3BR12IS023	Megha	ambulance	Prof. Kamal Kishore.Y	
6.		3BR12CS107	Soumya			
7.	Datah	3BR12EC067	Meghana .H	. Free Saldhan S.M.		
8.	Balch	3BR12IS039	Prithvi M	Reverberant wheel	Prof Prabha C	
9.	5	3BR12CS035	Kedarnathm N	chair	riol. Flabila.C	
10.	- Datala	3BR12EC040	Sai Sudha			
11.	Batch	3BR12EE047	Koushik	Krushi Mitra	Prof. Shridhar S.M	
12.	4	3BR12CS079	Punithkumara.K			
13.	Batch 5	3BR13EC404	Hari Parasanna	Bitm Digital locker system		
14.		3BR12EE053	Mahima .R		Prof. Phani Ramprasad	
15.		3BR12CS016	Dipendra Kumar Jha			
16.	0.1.1	3BR12EC053	Karuna .A.M	Automated Rus Dasa		
17.	Batch	3BR12EE046	K. L.Ravi Teja	Authentication	Prof C K swimiums	
18.	0			system	Prof. C.K srinivas	
19.	D. 1. 1	3BR12EC092	Sai Duth.E			
20.	Batch	3BR12EE006	Asha Rathore	Crime management	Prof Ma Coffin D	
21.	/	3BR12CS013	Deeksha Patil	system	FIOL Mu. Gallur.P	
22.	Detal	3BR12EC004	Akshay Kumar S K	Smart Power		
23.	Batch	3BR12IS046	Shalini.B.R	management &	Prof Sridbar S K	
24.	0	3BR12CS017	Durganjali .T	optimization service	i i oi. Shunar S.K	
25.	Patak	3BR12EC119	Vishwa Shree.C		*	
26.	o alch	3BR12IS013	Hemanjali.V.T	Smart restaurant	Prof Vishnu Kantha K	
27.		3BR12CS019	Pavithra .G		rion, visiniu Kantha .K	
28.		3BR12EC019	Anand Theertha			
29.	Batch	3BR12IS056	Sneha Raman.T	Onthometer	Prof Massaul I	
30.	10	3BR12CS096	Sai Priya	openencer	rior. Naserudain	
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VC Signature of SPOC Dr.B.M.Vidyavathi Professor, CSE BITM, Ballari



Wipro Mission10X MTLC Lab



# Academic Year 2014-15

SI. No.	Batch NO.	USN	Name of the Student	Guide Name	Project Title
1.			Baakhira Sultana		A GRAPHICAL PASSWORD
2.	Batch1	3BR11CS014	Ashwani G.S	Prof. Phani Ram Prasad	AUTHENTICATION SYSTEM
3.		3BR11EE056	Vipul chandraker		
4.			Divya E		DYNAMIC STREET LIGHT
5.	Batch2	3BR11CS071	Rayath bharadwaj	Prof. Vishnukanth Karva	CONTROL SYSTEM
6.		3BR11EE008	G. V. Anush		
7.			Sujani K		
8.	Batch3	3BR11CS042	Sneha K	Prof. Sridhar S.M	HOSPITAL MANAGEMENT
9.		3BR11IS031	Rashmi M.V		SYSTEM
10.			Ningappa Nushigeri		
11.	Batch4	3BR11CS075	Rashmi	Prof. Kamal Kishore	U-VOTE
12.		3BR11IS051	Zaba Tahseen		
13.			Sandeep N	Prof. C.K. Srinivas	IMPLEMENTATION OF SMART ULK INDUCTANCE- RESISTANCE MEASURING TOOL
14.	Batch5	3BR11CS056	Nidhi Jain		
15.	Duteno	3BR11EE017	Manjula V		
16.			Archana B. C	Prof. Venkateshwar A	AUTOMATIC CONTROL SYSTEM FOR RAILWAY CROSSINGS
17.	Batch6	3BR11CS077	Rohini C.M.		
18.		3BR11IS006	Chaitnya Chakravarthi		
19.			Sarveshtha bafna	Prof. Sreedhar S.K	THE P2H PRODUCT USING
20.	Batch7	3BR11CS027	Divya Shree		SPACE BASED SOLAR POWER
21.		3BR11EE050	Soumya B		
22.			Firdouse jahan D		
23.	Batch8	3BR12CS424	Swathi S	Prof. Prabha. C	HOME AUTOMATION SYSTEM
24.		3BR11IS046	T. R. Pooja		
25.			Radhika V.K		IMPLEMENTATION OF
26.		3BR11CS101	Vaishali B. J		DYNAMIC VEHICULAR
27.	Batch9	3BR11IS039	D Shravani	Prof. Naseeruddin	TRAFFIC CONTROL SYSTEM ON UTLP KIT IN NORMAL
28.	A Stand		Sai Teja N		
29.	Batch10	3BR11CS102	Vandana G. R.	Prof. Gafoor	E-BOOK
30.		3BR11EE025	Nisarga C. K		*

Signature of SPOC Dr.B.M.Vidyavathi

BITM,Ballari

Professor,CSE









Wipro Mission10X MTLC Lab

# Academic Year 2018-19

SI. No	Batch No	USN	Name Of The Student	GUIDE NAME	PROJECT TITLE	
1		3BR16EC011	Anusha V.C			
1.	Potch1	3BR16CS167	V Geetha Sri	Mr.Srikanth K M	AI-PLANTY	
2.	Datchi	3BR16EC105	R Sanjeev Rao			
3.		3BR16CS170	Vaishnavi P			
4.		3BR16CS136	Sai Vandana .V	Mr Girish Kumar D	SMART STICK FOR BLIND	
5.	Batch2	3BR16EE049	Nandini S.M		PERSON	
6.		3BR16CS101	Naveen B.M			
7.		3BR16CS133	Sahana G.S.	Mr Srisailanath	LASER LIGHT HOME	
8.	Batch3	3BR16CS168	V. K. Praveen Kumar		SECURITY SYSTEM	
9.		3BR16EC112	S. Srikanth			
10.		3BR16CS091	Md Sadiq Afreed Meeran	Mr.Manjunath G		
11.	Batch 4	3BR16CS075	M. Vindhya	4	HI-TECH FUEL BUNK	
12.		3BR16EC020	Bhavanari Santhosh			
13.		3BR16CS034	Firdous Afreen	Mr. Phani Ram Prasad	SAFETY AGAINST MOBILE CATASTROPHE	
14.		3BR16CS144	Sneha K.			
15.	Batch 5					
16.		3BR17EC413	Pallavi			
17.		3BR16CS076	M. Vinela Reddy	Mr.Shridhar S M	AUTOMATED DAM WATER	
18.	Batch 6	3BR17EC427	B. Shashikala		RELEASE PREDICTION	
19.		3BR16EE036	M. Bharath Reddy		SYSTEM	
20.		3BR16CS001	A. Prasanna	Mr.C K Srinivas	SMART LOCATOR TO FIND MISSING CHILD	
21.		3BR17EE442	Purushottam P C			
22.	Batch /	3BR16EC009	Anusha J			
23.		3BR16CS172	Veena T			
24.		3BR16CS074	M. Varnika		REAL-TIME WASTE	
25.		3BR16CS164	Tejashwini. U	Mr. Nasaruddin	MONITORING AND	
26.	Batch 8	3BR16EC023	Chandana D	IVIT. Naser uuum	SORTING DOMESTIC BIN.	
27.	-	3BR16EC127	Shailesh Kumar Tripathi		*	
28.		3BR16EC007	Amrutha K			
29.		3BR16EC103	R. Paras Chowdhary	Mr.Sridhar SK	CYBERNATION OF BUS.	
30.	Batch9	3BR16CS153	Supritha Vemala			
31.		3BR16CS052	Jasvinder Kour			
32.		3BR16EE084	Spurthi A S		TRAFFIC SIGN ALERTING	
33.	Batch10	3BR16EC120	Sai Priya P	Wir.Chandan K K	SYSTEM.	
34.		3BR16CS051	J. Vaishnavi			
					ALITOMANTIC	

35.	35.   36. Batch   37. 11   38.	3BRIGCS125 Rashmi. N.N.				
36.		3BR16CS150	Sruthi. B. Raj	Karwa	RESCUE SYSTEM ON RAILWAY TRACK.	
37.		3BR16EC104	R. Sanjana			
38.						

CHILD IN COMPANY	39.		3BR16EC037	H. Swapna		EMBEDDED PARKING
anna <sup>f</sup> a <b>bru</b> antan	40. Batch	Batch12	12 3BR16EC132 Shruthi Sashi Kumar		Mr.Raymond.H	SYSTEM.
	41.		3BR16CS014	Aruna Jyothi		
	42.		3BR16EC063	Harshika Khandelwal	Mrs.Nilam C	SIMPLE AUTOMATED ALERT SYSTEM
	43.	Batch13	3BR16CS046 3BR16CS161	Harshit Saluja Vineeth Kumar .T		
	44.		3BR16EC014	Avinash Raju V		

Signature of SPOC Dr.B.M.Vidyavathi Professor,CSE BITM,Ballari



#### Seen Wittentil, Wieralite.

Harita Techserv Limited 3D, #9, Murrays Gate Road, 2nd Floor, Alwarpet, Chennai · 600018, Tamilnadu, India. Tel. : +91 44 4292 8500 Fax : +91 44 2466 0488

The Derrants Dissection

30th May 2017

Ballari Institute of Technology

Belliary, Kermattaka

Kind Amention: Prof. Prithvi Raj Y J

Dear Sir.

Please find enclosed the Memorandum Of understanding duly signed by me.

Please sign both copies, retain one copy for your reference.

HSA

Please take a print out of the MOU in your letter head – 2 sets, and sent the documents to me for my signature. I shall sign both copies and return one copy for your files.

Thanking you and looking forward to our continued partnership.

Yours Truly For Harita Techserv Ltd

R. Shankarnarayanan Chief Operating Officer

Regd. Office: "Jayalakshmi Estates", #29, Haddows Road, Chennai - 600 006, Tamilnadu, India. Tel. : +91 44 2827 2233 MSME UAN : TN02E0017467 CIN : U30006TN1996PLC035418 Mail : info@harita.co.in

www.harita.in

#### ou Think. We do.

Harita

Harita Techserv Limited 3D, #9, Murrays Gate Road, 2nd Floor, Alwarpet, Chennai · 600018, Tamilnadu, India. Tel. : +91 44 4292 8500 Fax : +91 44 2466 0488

#### Memorandum of Understanding

This Memorandum of Understanding is signed between Ballari Institute of Technology and M/s. Harita Techserv Ltd, Chennai on 30<sup>th</sup> May, 2017. This MoU will be subject to the successful setting up of the - Harita Learning Center on Advanced CAD. This MoU is valid for a period of 3 Years from the date of signing subject to annual audit from Harita. Three years is by itself subjected to annual performance review. After the review the agreement would be renewed annually.

- Under this MoU, Ballari Institute of Technology will set up the Center with the required infrastructure, workstations and the recommended software to enable the faculty members and student researchers to learn and conduct research on the latest technologies.
- Harita Techserv Ltd shall ensure proper installation of workstations and the required software, and certify the satisfactory performance of the required software and hardware.
- Ballari Institute of Technology shall nominate up to 5 research faculty members to be trained on the required software and tools. Harita Training Experts will intensively train and certify the research faculty on the respective software and tools.
- The trained faculty team of Ballari will enroll 30 students each in 3 Year and Final year identified and evaluated to undergo intense training on the subject matter. Ideally we would like to promote collaborative research using the engineering students from the different streams.
- Harita Identified Experts will periodically mentor, progress monitor the faculty member's research design, skill development, engineering research activities, performances. They will also evaluate the student researcher's learning progression and give additional inputs if required.
- Harita would conduct "Campus Placement Drive" for recruiting "Trainee Engineers" from amongst the student researchers. All standard-recruiting procedures would be strictly followed. Recruited Trainee Engineers would be deputed into Harita's Offshore Development Centers.
- Harita would certify and grade Centers on the basis of year-on-year performance. Research centers demonstrating successful research capability would be considered for outsourcing design, developmental research activities on payment basis. A separate NDA will have to be signed for such outsourced activities.

Regd. Office: "Jayalakshmi Estates", #29, Haddows Road, Chennai - 600 006, Tamilnadu, India. Tel. : +91 44 2827 2233 MSME UAN : TN02E0017467 CIN : U30006TN1996PLC035418 Mail : info@harita.co.in  Upon requests from academic institution, Harita may depute technical experts in specific domains to give technical seminars; research highlights and also address specific case studies with student researchers. Harita may also consider deputing senior management team members to interact with students on special occasions organized by Ballari Institute of Technology.

For Harita Techserv Ltd

MM

Chief Operating Officer Authorized Signatory

SEAL



For Ballari Institute of Technology

Ballari Institute of Technology & Management, BELLARY.

Authorized Signatory

SEAL

#### **BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT**

#### BALLARI -583104

#### MECHANICAL ENGINEERING

#### NX11 STUDENTS LIST 2018-2019

SL.NO	USN	STUDENT NAME
01	3BR15ME037	CHANDRASHEKHARM
02	BR15ME145	NAVEEN V.K
03	BR15ME022	KARTHIK B S
04	BR15ME164	PREM KRISHAN M
05	BR15ME086	KEDRNATH H M
06	BR15ME020	B H PRASHANTH
07	BR15ME078	K YASHWANTH
08	BR15ME202	SHRINIDHI UPADHYAYA
09	BR15ME084	KARTHIL N
10	BR15ME222	VAISHAKH JALI
11	BR15ME094	LIKETH BABU
12 •	BR15ME205	SRIVATSA DESAI

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Head of the Department Dept. fo Mechanical Engineering Ballari Institute of Technology & Management (Formerly Bellary Engineering College) BELLARY-583 194.

#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT BALLARI - 583 104 MECHANICAL ENGINEERING

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NX11 STUDENTS LIST 2017-18					
S.N	USN	STUDENT NAME			
1	3BR14ME007	ABHISHEK JOSHI V			
2	3BR14ME014	AKSHAY H			
3	3BR14ME016	AMARESH			
4	3BR14ME022	ANUP KUMAR DUBEY			
5	3BR14ME048	CHANDRAKANTHA R			
6	3BR14ME080	GOPICHANDU M U			
7	3BR14ME095	JUNAID SAHIL M			
8	3BR14ME096	SATHYANARAYANA K			
9	3BR14ME103	KARTHIK KUMAR B			
10	3BR14ME107	KIRAN KUMAR			
11	3BR14ME108	KISHAN DESHPANDE			
12	3BR14ME124	MAKHIL			
13	3BR14ME128	MANJUNATHA J			
14	3BR14ME129	MANOHAR BABU			
15	3BR14ME176	RAVINDRA BABU A			
16	3BR14ME177	ROHIT LAL GUPTA			
17	3BR14ME182	SABIR PIYA			
18	3BR14ME226	V YERRISWAMY			
19	3BR14ME231	VIJAYAKUMAR R			
20	3BR14ME243	VIVEK SHANTAMURTHY			
21	3BR15ME430	MAHAMED TOUSIF S			
22	3BR15ME446	NIZAMUDDIN MD			
23	3BR15ME471	SANTOSH R			
24	3BR15ME488	UMAR BASHA			
25	3BR14ME110	KONAPUR KARTIK KISHENRAO			
26	3BR14ME227	VAIBHAV B			
27	3BR14ME045	BOLLA RAMAKRISHNA			

HOD

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BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI HARITA TECHSERV LIMITED Harita Certificate of Completion This certificate is awarded to In recognition of successful course completion in "NX Unigraphics" conducted by "Harita Techsery Limited" Dr. Rachavendra Joshi Dr. Yadavalli Basavaraj Dr. Yashavanth Bhupal R Shall kafnarayanan Coordinator HOD, Dept. of Mech. Engg. Chairman & Director. BITM, Ballari BITM, Ballari BITM, Ballari Harita Techserv Limited

2016-17



Certificate No. Certificate Issued Date Account Reference Unique Doc. Reference Purchased by Description of Document Description Consideration Price (Rs.)

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Government of Karnataka

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First Party Second Party

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A. M. WALLOW

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Stamp Duty Paid By

Stamp Duty Amount(Rs.)

IBM INDIA PVT LTD

BITMBALLARI

BITMBALLARI

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(Three Hundred only)



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"This Page has been intentionally left blank by the parties & forms an integral part of the agreement"



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Memorandum of Understanding

Between

BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

### IBM India Pvt. Ltd

This Memorandum of Understanding ("MOU") is entered into at effective as of 27th December .2016 ("Effective Date"), by and between:

IBM India Private Ltd., a company incorporated under the provisions of the Companies Act, 1956 and having its registered office at Subramanya Arcade, Bannerghatta Road Bangalore 560076 and hereinafter unless the context otherwise requires be referred to as "IBM".

### And

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BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, NO.873/2, JNANA GANGOTHRI, CAMPUS, BALLARI-HOSAPETE ROAD, NEAR ALLIPURA, KARNATAKA, BALLARI 583104. hereinafter unless the context otherwise requires be referred to as "BITM".

WHEREAS BITM with a view to provide best in class skills to students and faculty members in higher education and to disseminate knowledge through novel techniques and methodologies for the benefit of large sections of society, offering a wide range of programs.

WHEREAS BITM and IBM having felt the need to provide the learners with the trainings which may lead to enhanced skills, IBM and BITM agree to collaborate through the IBM Career Education program.

WHEREAS BITM and IBM agree that all discussions between BITM and IBM are non-binding unless and until the parties enter into written, definitive agreement signed by their duly authorized representative and neither party shall be obligated to enter into such an agreement.

WHEREAS IBM anticipates that BITM will elect to engage IBM as the primary and preferred technology provider and for software training services.

### Now therefore this MOU witnesses:

I - DEFINITIONS

Page 1 of



IBM Career Education Program

require, its associatesotherwise BITM, shall include, unless repugnant to the context

14

"Faculty" hereby refers to Training Staff of BITM,

"Students" hereby refers to all the students of BITM "Program(s)" hereby refers collectively to Career Education program of IBM that includes initiatives like SEED, CEBT etc. for Engineering, IT or Business Schools in colleges and Universities. For more information

please refer to http://ibm.com/in/careereducation "SEED" hereby refers to the faculty development training program initiative as Software Engineering for

"CEBT" hereby refers to the program as Career Education for Business Transformation, a training program to

provide multi-disciplinary skills to students and faculty members Career Education Courses: courses as agreed with BITM for which BITM students or faculty members

"Business Partner" means organizations certified by IBM to commercially sell its Program and also conduct will receive training

training under the programs. "Software" or "Product" means the IBM computer software packages identified for introduction

"Courseware" hereby refers to books or education material given in any form like printed books, CDs, PDFs

# I. Foreseen benefits of the collaboration

etc.

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- Opportunity to emerge as one of the competent entities in the academic circles in various areas of Information technology;

- Opportunity to be recognized by the Industry and academic circles as one of the preferred location/institution for acquiring training and skills in latest technology and software; - Opportunity to students and faculty members to increase their knowledge and acquire skills on best-in-class IBM Software

- Opportunity to design innovative curriculum and on various industry specialization using relevant IBM Software

- Opportunity to learn from the practitioners in the industry from IBM or business partners

- Opportunity for students and faculty members to avail professional and global certification on IBM Software

- Opportunity to conduct independent non-commercial research by faculty members as per guidelines from

IBM time to time

- Opportunity to receive Courseware from IBM designed by professionals in IBM Software Labs

- Opportunity to conduct various seminar and workshops with IBM in the institution

- Opportunity to co-market with IBM to promote Programs

## b) IBM

- Availability of skilled resource pool armed with IBM Software skills that various organizations may want to evaluate for recruitment

- Propagation of IBM Software and technology knowledge & skill to various students and faculty members

# **III – TERMS AND CONDITIONS**

a) Courseware and Training



IBM, through its own personnel or authorized business partners, will provide Courseware and/or perform the Training activities for Career Education courses as per the details given below in Annexures. The MoU shall only govern the provision of products and services provided by IBM Career Education, a division of IBM India Private Ltd to BITM.

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BITM will pay for the courseware and/or trainings in advance to IBM.

Under this MOU, BITM also assures IBM that it will enroll its students and/or faculty members taking IBM Career Education courses every year from the effective date of the signing this MoU, It will also be the endeavor of the BITM management to initiate the process of IBM Career Education courses to be included in their curriculum in case it has not been included so far.

### b) Software

I BBBEF.

IBM will provide all relevant IBM Software required for the training programs through the WW Academic Initiative program. This software should be used strictly for training & enablement purposes for students & faculty members of BITM. No commercial usage is allowed. Software is available under applicable IBM International Program License Agreements (IPLA) and terms and the provisions of this MOU only.

## **IV - BREACH OF MOU**

In the event of any breach of the terms of this MOU, which is capable of rectification, by either party hereto, such other party shall be entitled to call upon the party to rectify such breach within fifteen days from the date of the notice, failing which the breach shall be deemed to be a material breach, and shall entitle such other party to rescind this MOU for material breach.

V - TERM AND TERMINATION The MOU shall be effective from the effective date, and shall be valid for a term of five (5) years, unless terminated earlier by either party, or extended mutually by both parties hereto, on the same terms and conditions as herein.

This MOU will terminate upon written notice by either party. The notice of termination should be issued at least 30 days before the intended date of termination unless extended or terminated earlier. If at any time any party wishes to withdraw from further evaluations and discussions in connection with the subject matter of this MOU and terminate this MOU, it may do so with or without cause and without liability by providing the other party with written notice of its intention to withdraw from further evaluations and discussions. (in case IBM is providing training then IBM to complete the batch in session and or registered irrespective of termination period / date, subject to all the payments and other obligations having been met by BITM in a timely manner).

In the event of termination of this MOU for any reason whatsoever, including termination due to breach by IBM, any software or courseware licenses granted to BITM by virtue of this MOU, shall also stand automatically terminated without any further act of parties. BITM will also return or destroy at IBM's discretion, all material provided by IBM including courseware slides, soft copy courseware provided by IBM towards trainings.

The following obligations will survive termination of this MOU for any reason:

Use and nondisclosure of confidential information,

Indemnification and Liability,

Obligations to make payments of amounts by BITM that become due by virtue of this MOU, prior to termination.







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# VI-LIMITATION OF LIABILITY

Neither party shall be liable for any indirect, punitive, special, incidental or consequential damages arising out of or in connection with this MOU, whether for breach of this MOU or in torts, including loss of business, data, revenue, profits, or for any third party claims against the other (except as specifically admitted by paragraph 2 below) whatsoever.

Except for IBM's obligation to indemnify BITM in the event of breach of third Party Intellectual Property rights (as set out in under the applicable definitive agreement) and except in the event of breach by BITM of any of IBM's Intellectual Property rights or IBM confidential information rights, the Parties agree that either Party's liability for any loss or damage to the other, its customers, or any third party, as a result of or in connection with this MOU, shall not exceed in the aggregate the amounts received by IBM, from BITM under this MOU.

## VII - ARBITRATION

Any and all disputes, controversy or claims related to or arising in connection with this MOU shall first be referred to Director, BITM or his representative and Country Manager, Career Education program of IBM for

an informal resolution.

If this informal resolution does not resolve the dispute, then the matter will be referred to and settled by binding arbitration in accordance with the Arbitration and Conciliation Act, 1996. The seat of any such arbitration shall be Bangalore. The award of the arbitration may be enforceable in any court of competent jurisdiction. Each party shall bear its own costs and fees in connection with the arbitration.

Unless agreed otherwise, the number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the president of the Bar Council of India. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred. If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed. All proceedings shall be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Agreement prevails over any other language version.

### VIII - GENERAL

This MOU shall not be construed to be an agency or a partnership or joint venture or an employment relationship. Neither party shall be entitled to bind the other party with any third party by its actions, unless it has specifically obtained the prior written consent of such other party to do so.

Each party is an independent contractor, and nothing under this MOU shall be construed to create an employment relationship, whether for tax or for any other purpose, nor any partnership or joint venture between the parties. No provision of this MOU grants either party any express or implied right of authority to assume or create any obligations or responsibility on behalf of or in the name of the other party, or bind the other party in any manner or thing whatsoever. Neither party nor its personnel shall be considered employees of the other.

Neither party shall assign or transfer this MOU or any benefits or rights or obligations accruing to it under this MOU, without the prior written consent of the other party.





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IBM shall during the term of this MOU be entitled to audit the courseware & the software license usage records of licenses hosted on BITM premises as well as training attendance records maintained by BITM. This audit can be conducted only during reasonable business hours and two weeks notice for audit. Cost of the audit is to be borne by IBM.

The existence and substance of this MOU and the rights and obligations of the parties herein will be kept confidential by BITM and will not be disclosed to any third party without the prior written consent of IBM. Notwithstanding the foregoing, BITM may make such disclosure to the extent required by law, court or statutory authority, in which case BITM will promptly inform IBM to allow IBM a reasonable opportunity to obtain a protective order. IBM and BITM agree not to use the trademark, trade names, services or any other proprietary marks of the other party in any advertisement, press releases, publicity matters or other interaction pertaining to this MoU signing or IBM activities on campus need to have prior written consent the applicable agreement such as Trade Mark License Agreement executed between BITM and IBM or IBM's parent or affiliates. Any violation of this paragraph will amount to material breach and will lead to the

This MOU supersedes all prior oral or written communication, discussions and representations communicated between the parties hereto in respect of the subject matter of this MOU. Any modification to this MOU shall only be made by way of a written document duly executed by representatives of both parties hereto.

If any provision of this MOU is held to be unenforceable or illegal under certain circumstances for any reason, such decision shall not affect the validity or enforceability of such provisions under other circumstances or the remaining provisions hereof and such provisions shall be reformed only to the extent necessary to make them enforceable under such circumstances.

Any notice under this MOU will be in writing and delivered by hand or by registered mail, return receipt requested, to the other party at the registered office or as may be substituted by the notice. If any notice is sent by mail, notice will be effective on the date of receipt.

BITM shall maintain at all times, a one-point contact for the IBM trainings being conducted at the institution. Any change in the contacts below will be promptly notified to IBM.

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the date, month and year, hereinabove written.

Signed:

De

For BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Name: PROF PRITHVI RAJ YJ Designation: DEPUTY DIRECTOR Signature: JP

For IBM India Private Ltd.

Name: Designation:

FACADISTIA STOAT MANAGER SWAS



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Annexure I to IBM Career Education MoU

IBM and BITM, acknowledge the need for IBM Software skills, in the IT education and training sector. The a) objective is to have a number of graduating professionals skilled on IBM Software. Both IBM and BITM are keen to cooperate in a way that shall benefit BITM students pursuing a career in the industry.

BITM shall rollout Under / Post-graduate / Certificate / value added programs with specialization aligned with b) relevant IBM Software delivering all or any of such programs to enrolled students and faculty members. IBM shall provide reasonable support as set-forth below to have BITM commence and conduct this initiative. Such support may include assistance in the form of providing free IBM software products, identified courseware and academic support through Subject Matter Experts. The provision of software, IBM materials and services shall be under a relevant IBM agreement executed by the parties. Such agreement shall govern the use of software, IBM materials by BITM. IBM's responsibilities under this Agreement are subject to BITM fulfilling its

The curriculum may be provided by IBM or jointly developed by IBM and BITM designated subject matter c) experts. There may be additional specialized offerings and curriculum may be reviewed and updated by IBM and BITM from time to time with mutual agreement.

Joint Co-ordination Committee - To guide the execution of the activities agreed under this MoU, BITM and IBM Career Education team may constitute a Joint Co-ordination Committee (hereinafter referred to as

Vice Chancellor &/or Registrar or his nominee as the Chairperson

One representative: Professor & Director -Industry & Academic Collaborations, BITM Project Coordinator, BITM (designated Faculty from School of Science & Information Science, BITM)

- One representative from IBM as member

- A Project Coordinator from BITM who shall also be the Convener of the Committee.

Chairperson of the committee may recommend changes in the member's from time to time in consultation with the nominating parties and have the same approved by the Head, BITM. The Committee shall recommend on course curriculum, course content, delivery, determination of fee. The

Committee shall monitor and review the activities under this MoU and recommend such decisions with respect to any aspect regarding this MoU for the purpose of removing any impediment, promoting the programs arising from this MoU, approving the content and recommending changes therein, the program

Annexure 1 - Page 1 of 3 Privar IBM Career Education Program 018 Sangalore Dy. Director

Following are the proposed roles and responsibilities:

### e) IBM

- Appoint member to the committee
- To co-develop and supply courseware for the students as required
- Provide orientation workshops for the faculty nominated by BITM for the program
- Deploy SMEs for covering topics for students as mutually agreed as per the curriculum Provide the participation certificates for all the students who have successfully completed the course

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#### BITM f)

- Appoint members and Program Convener to the Joint coordination Committee
- To help IBM to co-develop the curriculum of the program as required Promote the program through various channels, develop collateral and market Conduct the admissions, deliver Courses agreed as per the curriculum, conduct evaluations/assessments and issue degree accordingly Provide detailed session plan Share the student data with IBM who apply and enroll to the program as per prescribed format from Nominate faculty members for the orientation program by IBM Provide the required infrastructure and other support for running the courses as per IBM's specification to IBM or IBM designated Business Partner resources In case of a co-branded Lab setup, provide a minimum 30 computer lab that can be designated with appropriate signboards creative as provided by IBM, in the campus. Confirm and process the payments to IBM in advance on agreed schedule.



# Course Details:

Faculty Enablement De		The second secon
Faculty Enablement Pro	IBM Software Lab for En	erging Technologies
State		ware Lab for Emerging Technologies
IRM CE PERIN	(INR) taxes exclusive	
Enterprise Application Development and Deployment using IBM BlueMix IBM CE – Enablement Program – Enterprise Application Development and Deployment using IBM Worklight	INR 817200/- plus taxes , to be paid in December 2016	Remarks IBM will provide 4 Days of training per module with Courseware and Certificate for each participant. Total number of training days for the Faculty Members will be 3 Modules X 4 Days per module = 12 Days Maximum 20 Faculty Members to be allowed to
& Analytics with IBM InfoSphere BigInsights	INR 588384/- plus taxes , to be paid in	Trainings to be completed by May 2017. For 2016

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	April 2017	payment service tax a	bere to be levied, for 2017
Iotal Amount to be paid		be levied	s per prevailing rate in 2017 to
	INR 14.05 584 + toward	- ierieu	

Maximum 20 participants for all the Faculty Development Programs, in each session Total Training delivery of 12 days.

Faculty members will be awarded with IBM certificates.

Student Training Programs (value added certificate)- : Details

Student D	0		
Added IBM Certificate Program - Value IBM CE Enablement Program-Enterprise	Evictine	Courseware Fee Per Student	Remark
using IBM BlueMix.	& PG Students	Rs.3900/	IBM to provide Students Kit
IBM CE Enablement Program-BigData & Analytics with IBM Infosphere BigInsights.		Rs.3900/	(Courseware & Certificate) for each student participating in the program.
IBM CE Enablement Program- Enterprise Application Development and Deployment using IBM Worklight		Rs.3900/	BITM Faculty Member to conduct the training program
			Minimum order of 40 courseware per module required to support the cost

The obligation herein is subject to the relevant Statement of Work (SoW) being shared and signed between the parties



# **Ballari Institute of Technology & Management** Department of Computer Science & Engg.

Placed Students List who are Trained by IBM

Assessment Year: 2017-18

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S.No.	Name Of The Student Placed	Enrolment No.	Name Of The Employer
1	Shravya M	3BR14CS121	SLK Software Bangalore
2	Koushik. C.H	3BR14CS061	Eduwize – Vaishnavi Systems & Soluations, Bangalore
3	Mr. Diwakar Reddy. M	3BR14CS037	Infosys Ltd, Bangalore
4	Bumra Arun Kumar	3BR14cs027	Wipro Tech Bangalore
5	Giritej. N	3BR14CS082	Tcs, Bangalore
6	Madhu S	3BR14cs068	AtomNest Sol Pvt Ltd, Ballari
7	Naveed. J	3BR14CS079	Eduwize – Vaishnavi Systems & Soluations, Bangalore

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# Ballari Institute of Technology & Management Department of Computer Science & Engg.

# Placed Students List who are Trained by IBM

# Assessment Year: 2018-19

S.No.	Name Of The Student Placed	Enrolment No.	Name Of The Employer
1	Aishwarya R	3BR15CS009	L&T Technology Services [Associate Engineer] Tata Consultancy Services [Assistant System Engineer]
2	Soumyasree K	3BR15CS054	Talent Pathway [Software Developer]
3	Chandana B C	3BR15CS029	Mindtree [Engineers]
4	Shailaja Kuruba	3BR15CS148	Infosys [Systems Engineer]
5	Sahana Chowdary	3BR15CS138	CGI [Associate Software Engineer]
6	Rakshita N	3BR15CS097	SLK Software Services Pvt Ltd [Trainee Software] Mindtree [Engineers] Tata Consultancy Services [Assistant System Engineer]
7	Akhil R	3BR15CS012	Talent Pathway [Software Developer]
8	Chinmayi A	3BR15CS030	Tata Consultancy Services [Assistant System Engineer] SLK Software Services Pvt Ltd [Trainee Software]
9	Gururaj Rohit Sai	3BR15CS045	Artech Infosystems Pvt Ltd [Associate Recruiter ] Rapyder
10	Harika K	3BR15CS048	Mindtree [Engineers] Wipro Limited [Project Engineer]
11	Keerthana S	3BR15CS067	Infosys [Systems Engineer] SLK Software Services Pvt Ltd [Trainee Software]



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12	K.M Ankitha	3BR15CS068	Infosys [Systems Engineer]
13	M S Shubham	3BR15CS077	Mindtree [Engineers]
14	M V Sagar Chakravarthy	3BR15CS078	Infosys [Systems Engineer] L&T Technology Services [Associate Engineer] Cognizant [Programmer Analyst Trainee]
15	Meenakshidevi V Patil	3BR15CS087	CollegeDekho.com [Academic Counselor.]
16	Meghana Akki	3BR15CS089	Cognizant [Programmer Analyst Trainee]
17	Sagar P	3BR15CS136	Infosys [Systems Engineer] Global Edge Software [Sofware Engineer] Wipro Limited [Project Engineer]
18	Sameer Datt H K	3BD15CC142	CGI [Associate Software Engineer] Tata Consultancy Services [Assistant Southers

	Jo Sal	neer Datt.H.K	3BRI5CS143	Engineer]
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NBA Accredited Institution\* ecognised by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belgaum) "Jnana Gangothri" Campus, # 873/2. Bellary-Hospet Road, Near Allipur, Bellary-583104. Karnataka State, India. *Ph: 08392-237100 / 190, Fax : 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : www.bitm.edu.i* 

### MEMORANDUM OF UNDERSTANDING (MOU)

#### BETWEEN

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT (BITM) Department of Civil Engineering Jnana Gangotri campus Ballari Hosapete Road Near Allipura BALLARI-583104

Herein after called the party of the one part

And Shri S Hemanth Reddy, M Tech Consulting Engineer and Trainer #14 " MADHUSIRI" 4<sup>TH</sup> Main Byraveshwara nagar Nagarabhavi Main Road BENGALURU-560072 Ph: 080 23215487(landline)/9845040875(Mobile)

Email:hemanthpremier@gmail.com

Herein after called the party of the other part

WHERE AS

- 1.0 Both parties have agreed to conduct "FININSHING SCHOOL" program for final year Civil Engineering students at to improve employable skills of students during college days at BITM campus.
  - 1.1 This MOU shall be effective from 12<sup>th</sup> December 2018
  - 1.2 Mr. S. Hemanth Reddy will arrange training on modules as mentioned in the schedule from subject and industry experts.
    - 1.3 Mr. S Hemanth Reddy will be focal point of contact on behalf of trainer and HOD Civil Engineering Department on behalf of BITM.

Dy. Director, Ballari Institute of Technology & Managemen

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#### 2.0 Training Modules.

Sl No	Module Name	Number of days & Probable Dates
1	Advanced	2 days
	Surveying	3 Days
2	Drawing Reading	2 days
4	Revit Architecture.	5 Days
5	Revit Structure	2 Days
<u> </u>	E-TABS	8 Days
8	Quantity Survey &	3Days
2	BBS	2 Days
9	Interview and	2 Days
10	Communication	
	Skills Total Days	34 Days
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(The Detailed Day wise Schedule will be shared one week before start of the program with expert's detailed profile and their experience). Note: The above modules may be changed to suit the requirement of the

company which comes forward to hire the students before or during the program.

#### 3.0 Evaluation of learning standards

- 3.1 Students will be asked to note down notes each day and expert will check and sign. At the end of each module a test will be conducted by the respective expert and the result will be announced and documented.
- 3.2 Low performers in tests will be given one more opportunity with special attention so that they can be brought to main stream.
- 3.3 Feedback from the students will be taken at the end of each module and reviewed.

Dy. Director,

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Basavarajeswari Group of Institutions ಬಕ್ಕಾರಿ ಇನ್ಸ್ ಅಮ್ ಬೆಕ್ನಾಲ ಅಂಡ್ ಮ್ಯಾನೇಜ್ ಮೆಂಬ್ BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT ecognised by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belgaum) "Jnana Gangothri". Campus, # 873/2, Bellary-Hospet Road, Near Allipur, Bellary-583104. Karnataka State, India. ph: 08392-237100 / 190, Fax: 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : www.bitm.edu.ir 4.0 Role of BITM in the Program 4.1 Providing infrastructure facilities like classrooms, Computers, etc and accommodation to experts in college guest house. 4.2 Making payment to Mr. S Hemanth reddy as per accepted terms of 5.0 Fee for the course and payment terms 5.1 The Fee for the course is Rs.11000/- per student. The amount shall be paid after deducting 10% TDS as per norms. The cheque or online transfer shall be made to Mr. S Hemanth Reddy account. 5.2 Missimum 65 students required to conduct the problem. 5.3 The payment shall be made in three installments as below. 5.3.1 25% payment shall be made one week before the start of the program. dec. 5.3.2 25% shall be made at the end of  $15^{th}$  day program. 5.3.3 Balance 50% shall be made one week before the end of the program after fulfillment of placement requirement of different companies to select a fresher. 6.0 Placement Assistance from Trainer ShirlS Hemanth Reddy 6.1 The Trainer will approach different companies with his link in the industry to place trained students. 6.2 Trainer has assured to place minimum 5 to 10 % of the students who perform well during the program. 6.3 The salary packages will be as per the respective companies standards and which may be usually 10,000/- to 20,000/- per month. Many companies will take fresher's as probationary Engineers for six months and increase pay later depending on their performance. 6.4 The students have to fulfill the requirement of the company and rules and regulations of the companies to get jobs. 6.5 Students will be offered jobs in all sectors of Civil Engg, i.e Buildings, Roads, Irrigation, Survey, GIS, CAD etc. They should grab offers and enter any field without waiting for choices as experience in all fields is needed to become a good Civil Engineer. - 6.6 Based-on the student's performance during the training we will submit CV and recommend to companies. The selection will be made by companies as per their need. 6.7 We are planning to bring companies to campus during the program for campus selection. Dy. Director. Ballari Institute of Technology & Management, Page 3/4 BELLARY. 1.1

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#### Automation Anywhere Course Administration Agreement (University)

This University Course Administration Agreement ("Agreement"), dated as of 01" June, 2019 (the "Effective Date"), is entered into by and between Automation Anywhere. Inc. a California corporation with offices at 633 River Oaks Parkway, San Jose, CA 95134 U.S.A. (hereafter referred to as "AAI"), and Ballari Insitute of Technology & Management, Ballari, Karnataka located at "Jnana Gangothri" Campus, #873/2 Ballari Hospet Road, Near Allipur, Ballari – 583 104 (hereafter referred to as "University"). University and AAI are hereafter collectively referred to as the "parties".

WHEREAS, AAI is offering the "Automation Anywhere University Talent Development Program", in which enrolled students of certain universities ("<u>Students</u>") may attend a non-unit lab practicum course (the "<u>Course</u>"), taught by a faculty member directly trained and certified by AAI as an AAI trainer ("<u>Faculty Trainer</u>") in a classroom enabled with AAI software as an AAI Center of Excellence, after which those trained students may themselves seek accreditation as AAI trainers through testing with AAI (the "<u>Program</u>");

WHEREAS, University desires to participate in the Program.

THEREFORE, for good and valuable consideration as set forth below, the parties agree as follows:

#### 1. Definitions.

"Center of Excellence" or "CoE" means the setup of the Software on University equipment by AAI and provision of Documentation to enable the Faculty Trainer to instruct the Students in the Course.

"Certification" means accreditation by AAI of any Student or Faculty Trainer in the Software as a result of passing an examination provided by AAI for this purpose.

"Documentation" means (a) the manuals, handbooks, and other written materials related to the Use of the Software, whether in hard copy or soft copy form, that are provided by AAI along with the Software, and (b) the training materials that the Faculty Trainer will use in instructing Students as part of the Course, as such Documentation may be updated by AAI from time to time.

"Software" means AAI's proprietary software in machine-readable, object code form only, related Documentation, and all modifications made thereto by AAI, and any updates or upgrades that AAI provides to University, in order for University to provide the Course under this Agreement.

"Use" means the installation, accessing, displaying, and operation of the AAI Software to automate business processes and tasks.

2. Obligations. The parties agree to each undertake and fully perform during the Term the following obligations for the success of the Program, and, except as explicitly stated in Section 2.2, such obligations will be undertaken at the respective party's sole cost and expense:

2.1 AAI Obligations.

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#### AAI Responsibilities:

-Provide AAI train-the-trainer courses for University's faculty (at either University's premises or remotely); and thereafter test such faculty and issue AAI trainer certification to those faculty who have successfully completed such training;

-Provide e-learning access to those Students enrolled in the Course;

-Provide the Software under the license terms in Section 3 of this Agreement:

-Work with the University to set up the CoE, including installing the Software and providing Documentation;

-Provide the University with the certification test materials needed to test Students on for Student's AAI certification;

-Issue the AAI certification to those students who have successfully completed the certification course.

#### 2.2 University Obligations.

#### University's Responsibilities

-Have faculty members attend AAI train-the-trainer courses, and have those who have successfully completed such course be tested for AAI train-the-trainer certification;

-Train Students using only Faculty Trainers who at the time of the Student training are already AAI certified trainers;

-Provide Students with the opportunity to enrol in the Course, enrol Students in the Course, and conduct and oversee Student's participation in the Course;

-Advise in writing to all enrolled and prospective Students that neither the Student's completion of the Course nor the Student's Certification provides any assurance of any employment by any of the parties to this Agreement;

-Provide the physical space(s) needed for Students to take the Course and to engage in learning and training certification activities;

-As part of providing the physical space(s), obtain and maintain appropriate insurance coverages as mandated by applicable law;

-Provide and maintain the computers and all related equipment necessary for the successful implementation and running of the CoE;

-make the CoE available for Students to use for their Course-related learning activities, and have the use of the CoE be supervised by the Faculty Trainer;

-Support, encourage and drive Students to progress through the Course;

-Provide AAI with written feedback on Student progress, including any impediments to progress, and feedback on the Course itself ("Feedback");

-Take measures to ensure that neither the University, its personnel, its faculty, or other agents charge Students any fees to enrol in and complete the Course;

-For those Students who have completed the Course, offer and proctor a Certification test using AAI-provided Certification testing materials;

-Take measures to ensure that the results of each Student's Certification test are true and accurate, including but not limited to closely proctoring and monitoring student Certification testing so that cheating or other conditions affecting testing accuracy do not occur; -Reimburse AAI for reasonable costs of travel, accommodations, and incidental expenses, as

incurred by AAI representatives while setting up the CoE.

#### 3. Limited University License.

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3.1 *License*. Subject to the terms and conditions of this Agreement, AAI grants University a limited, non-exclusive, non-transferable, non-production license to Use the Software during the Term only for University's Use for the express purpose of providing the Course to Students in connection with Program. For clarity, University may not Use the Software for its own internal use.

3.2 *Restrictions.* The Software is licensed, not sold. Title to the Software and all associated intellectual property rights are retained by AAI and/or its suppliers. All rights in the Software not expressly granted hereunder are reserved. University shall not modify, enhance, translate, supplement, create derivative works from, reverse engineer, reverse compile or otherwise reduce the Software to human readable form. University shall not remove any copyright or other proprietary notices contained in the Software. University shall not cause or permit. (a) competitive analysis, benchmarking, or the Use, evaluation or viewing of the Software or Documentation for the purpose of designing, modifying, or otherwise creating any software program, or any portion thereof, that performs functions similar to the functions performed by the Software; or (b) any of the following: (i) copying (except as set forth herein), (ii) sublicensing, or (iii) providing access or other dissemination of the Software, in whole or in part, to any third party. No right, title or interest in or to any AAI trademark, service mark, trade name, or logo of AAI or its licensors in granted under this Agreement.

3.3 *Warranty Disclaimer*. AAI DISCLAIMS ALL WARRANTIES AS TO ANY MATTER WHATSOEVER, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, AND THE SOFTWARE IS PROVIDED "AS IS". TO THE EXTENT THE LAWS OF UNIVERSITY'S JURISDICTION DO NOT PERMIT SUCH DISCLAIMER WITH RESPECT TO THE SOFTWARE AS LICENSED HEREUNDER, AAI PROVIDES ONLY THE MINIMUM LAWFUL WARRANTY BEYOND THAT WARRANTY EXPRESSLY MADE ABOVE AND DISCLAIMS ALL WARRANTIES TO THE EXTENT PERMITTED BY APPLICABLE LAW.

#### 4. Confidentiality

4.1 Confidential Information. "Confidential Information" means with respect to AAI information, the Documentation, Software, any results of any testing or analysis of the Software or Documentation by any party and any Feedback regarding the Course, and with respect to any party's information, all information that: (a) is marked as confidential or proprietary; (b) is disclosed verbally and identified as confidential or proprietary at the time of disclosure; or (c) by its nature is normally and reasonably considered confidential.

4.2 Non-Disclosure and Restrictions on Use. As a result of the relationship entered into by the parties under this Agreement, the parties acknowledge that they may from time to time require or gain access to Confidential Information of the other party. The receiving party: (a) shall hold all Confidential Information in confidence; (b) shall use the Confidential Information only for the purposes expressly permitted herein; (c) shall reproduce the Confidential Information only to the extent necessary for such purpose; (d) shall restrict disclosure of the Confidential Information to its employees, consultants, agents and representatives with a valid need to know in connection with this Agreement and who are bound to protect the confidentiality of such Confidential Information (and shall advise such employees, agents and representatives of the obligations assumed herein); and (e) shall not disclose or cause to be disclosed the Confidential Information to any third party without prior written approval of the disclosing party, except as allowed under (d) above.

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4.3 Confidentiality Exceptions. The foregoing confidentiality restrictions shall not apply to Confidential Information that: (a) is or becomes a part of the public domain through no wrongful act or omission of the receiving party; (b) was in the receiving party's lawful possession prior to the disclosure and had not been obtained by the receiving party either directly or indirectly from the disclosing party; (c) is lawfully disclosed to the receiving party by a third party without restriction on disclosure; (d) is independently developed by the receiving party agrees in writing is free of such restrictions.

#### 5. Indemnity.

5.1 Indemnification Obligation. Each party (the "Indemnifying Party") will defend the other party, and its employees, directors, agents, and representatives (collectively, the "Indemnified Party"), from any actual or threatened third party claim to the extent that it arises from: (a) the Indemnifying Party's breach of its confidentiality obligations in Section 4; (b) any alleged infringement by the Indemnifying Party of any third party intellectual property rights; (c) the negligent acts, omissions, negligence or willful misconduct of the Indemnifying Party in the performance of its obligations pursuant to this Agreement; (d) the failure of the Indemnifying Party to comply with, and any liabilities arising under, any applicable law (each, a "Claim").

5.2 Indemnification Procedures. The parties' respective indemnification obligations above are conditioned on: (a) the Indemnified Party giving the Indemnifying Party prompt written notice of any Claim; (b) the Indemnifying Party having full and complete control over the defense and settlement of the Claim; (c) the Indemnified Party providing assistance in connection with the defense and settlement of the Claim as the Indemnifying Party may reasonably request; and (d) the Indemnified Party complying with any settlement or court order made in connection with the Claim. The Indemnifying Party will indemnify the Indemnified Party against: (i) all damages, costs, and attorneys' fees finally awarded against any of them by a court of competent jurisdiction in any Claim under this Section 5; (ii) all out-of-pocket costs (including reasonable attorneys' fees) reasonably incurred by any of them in connection with the defense of the Claim (other than attorneys' fees and costs incurred without the Indemnifying Party's consent after it has accepted defense of such Claim); and (iii) if any Claim arising under this Section is settled by the Indemnifying Party will pay any amounts to any third party agreed to by the Indemnifying Party in settlement of any such Claims.

5.3 Indemnification Limitations for Third Party Infringement Claims. An Indemnifying Party will have no obligation under this Section 5 or otherwise solely to the extent the claim is based on: (i) any combination of the Indemnifying Party's technology, products, or services with technology, products or services not provided by the Indemnifying Party; (ii) use of Indemnifying Party's technology, products or services for a purpose or in a manner for which the technology, products or services were not designed; (iii) any modification to Indemnifying Party's technology, products or services made without Indemnifying Party's express written approval, (v) any modifications made to the technology, products or services by Indemnifying Party pursuant to the Indemnified Party's specific instructions, or (vii) any intellectual property right owned or licensed by the Indemnified Party.

5.4 THIS SECTION 5 STATES AN INDEMNIFIED PARTY'S SOLE AND EXCLUSIVE REMEDY AND THE INDEMNIFYING PARTY'S ENTIRE LIABILITY FOR ALL THIRD-PARTY CLAIMS.

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#### 6. Limitation of Liability

6.1 NETHER PARTY SHALL BE LIABLE FOR: (A) ANY PUNITIVE, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING ANY COST OF PROCUREMENT OF SUBSTITUTE SOFTWARE, LOSS OF USE, DATA, BUSINESS, OR PROFITS), REGARDLESS OF THE THEORY OF LIABILITY OR WHETHER THE LIABLE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES; OR (B) AGGREGATE DAMAGES IN EXCESS OF US\$ 5000.

6.2 Limitation of Liability Exclusions. The limitations of liability set forth in Section 6.1 above do not apply to, and each party accepts liability to the other for: (a) damages related to claims that are the subject of indemnification under this Agreement, (b) claims based on either party's intentional breach of its obligations set forth in Section 4 (Confidentiality), and (c) either party's unauthorized use, distribution, or disclosure of the other party's intellectual property.

#### 7. Term and Termination.

7.1 Agreement Term. This Agreement is effective as of the Effective Date for a three (3) year period thereafter ("Term"). For clarity, the license granted to University in Section 3 will terminate immediately upon termination or expiration of the Term. Prior to the expiration of the Term, the parties may amend this Agreement to extend its term.

7.2 *Termination.* Notwithstanding the foregoing, this Agreement may be terminated (a) by AAI for any reason upon sixty (60) days' notice to University, and (b) any party immediately upon written notice if another party materially breaches any of its obligations under this Agreement and fails to cure such breach within thirty (30) days following receipt of written notice.

7.3 Effect of Termination. Upon the effective date of termination of this Agreement: (a) University's license to the Software ceases, and University shall immediately remove all copies of the Software from all systems owned or controlled by University. Each party will securely destroy all copies of Confidential Information of the other party in its possession except as required to comply with any applicable legal or accounting record keeping requirement.

#### 8. General.

8.1 *Export.* University agrees not to export, or allow the export or re-export of any Software, or of information regarding any Software in violation of any export laws, restrictions and regulations of the Department of Commerce or other United States or foreign agency or authority.

8.2 Business Practices. University will: (a) conduct its business (including, without limitation, performance of its obligations under this Agreement) in a manner that reflects favorably on the goodwill and reputation of AAI; and (b) avoid deceptive, misleading or unethical practices detrimental to AAI, it Software and services offerings, or the public, including, without limitation, by refraining from making any representations or warranties to any third party with respect to the features or capabilities of any AAI courses or training certifications, AAI products or services, that are inconsistent with the literature and documentation distributed by AAI.

8.3 Anti-Corruption. The parties each represent and warrant that neither it, nor any of its subsidiaries, nor any of their respective directors, officers, employees or agents have taken any action, directly or indirectly, that would constitute a violation, or implicate AAI in a violation, of any law of any jurisdiction in which it performs business, or of the United States of America, including without limitation, the Foreign Corrupt Practices Act of 1977, as amended ("<u>FCPA</u>"), and where applicable, any anti-bribery/corruption legislation ("<u>Anti-Bribery Act</u>") enacted by countries in which

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it is incorporated as an entity, including, but not limited to, the country or countries in which it is to perform under this Agreement (collectively, "<u>Anti-corruption Laws</u>"). University, and, to its knowledge, its affiliates have conducted their businesses in compliance with such Anti-corruption Laws and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

8.4 *Third-Party Software*. The Software contains and is distributed with open source software that is covered by a different license, and AAI's obligations set forth in this Agreement do not extend to any such open source software. University agrees that all such open source software shall be and shall remain subject to the terms and conditions under which it is provided.

8.5 *Governing Law and Jurisdiction.* This Agreement and all matters relating to this Agreement shall be governed by, and construed in accordance with the following laws:

- If University is located outside of the United States, then any dispute arising out or in connection with this Agreement, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration under the LCIA Rules (the "Rules"), which Rules are deemed to be incorporated by reference into this clause. The number of arbitrators shall be three. The seat, or legal place, of arbitration shall be London. The language to be used in the arbitral proceedings shall be English.
- 2. If University is located within the United States, then the governing law of this Agreement shall be the substantive law of California. Jurisdiction shall be of the State of California (without giving effect to the choice of law principles thereof). Any action based on or arising out of this Agreement or the Services shall be brought and maintained exclusively in any state or federal court, in each case located in Santa Clara County.

The parties hereby expressly and irrevocably submits to the jurisdiction of the above-referenced courts for the purposes of any such action and expressly and irrevocably waives, to the fullest extent permitted by law, any objection which it may have or hereafter may have to the laying of venue of any such action brought in any such court and any claim that any such action has been brought in an inconvenient forum.

8.6 Injunctive Relief. The parties acknowledge that any breach of the confidentiality provisions or the unauthorized use of a party's intellectual property may result in serious and irreparable injury to the aggrieved party for which damages may not adequately compensate the aggrieved party. The parties agree, therefore, that, in addition to any other remedy that the aggrieved party may have, it shall be entitled to seek equitable injunctive relief without being required to post a bond or other surety or to prove either actual damages or that damages would be an inadequate remedy.

8.7 *Force Majeure.* A party is not liable under any Agreement for non-performance (other than failure to pay) caused by events or conditions beyond that party's reasonable control, if the party makes reasonable efforts to perform.

8.8 Parties' Relationship. The parties agree that this Agreement is non-exclusive, and no party will be prevented from entering into similar arrangements with other third parties. The parties are independent contractors of each other in the performance of the obligations of this Agreement. Notwithstanding the identification of "Partner" in this Agreement, neither party will be considered the legal partner of the other party in any respect, and nothing in this Agreement or in the performance hereof will create or imply any joint venture, franchisee-franchisor relationship, or

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principal-agent relationship between the parties. No party will have any right, power or authority to create any obligation, express or implied, on behalf of the other party.

8.9 *Binding Nature; Assignment.* This Agreement shall be binding on the respective parties thereto and their respective permitted successors and assigns; provided, however, that University shall not assign, delegate, or otherwise transfer this Agreement or any of its rights or obligations to a third party without the prior written consent of AAI; any other attempted assignment shall be void.

8.10 Notices. Ordinary day-to-day operational communications may be conducted by email or telephone communications. Any other notice required by this Agreement shall be made in writing and given by (a) personal delivery, (b) prepaid, first class, certified mail, return receipt requested, (c) email (with a duplicate notice sent promptly by one of the other methods in this Section), or (d) courier service of recognized standing (with confirmation of receipt); in any case to the receiving party, "Attention: Legal" at its address set forth in the heading to this Agreement, or to a different address of which the addressee party has notified the other in accordance with this Section. Any notice given in conformance with this Section shall be effective upon actual delivery or refusal of delivery.

8.11 *Headings.* Section headings are included for convenience or reference only and are not intended to define or limit the scope of any provision of this Agreement and should not be used to construe or interpret this Agreement.

8.12 Survival; *Interpretation; Severability.* All provisions which are intended by their nature to survive, shall survive such performance, or the expiration or termination of this Agreement, including without limitation those relating to limitation of liability, and infringement indemnity. Each provision of this Agreement shall apply to the fullest extent of the law, whether in contract, statute, tort (such as *negligence*) or otherwise, notwithstanding the failure of the essential purpose of any remedy. If any provision of this Agreement shall for any reason be held illegal or unenforceable, such provision shall be deemed severable from the remaining provisions of this Agreement and shall in no way affect or impair the validity or enforceability of the remaining provisions of this Agreement, unless such omission would frustrate the intent of the parties, in which case this Agreement may be reformed to give effect to the other provisions hereof.

8.13 Entire Agreement; Modification and Wavier. This Agreement constitutes the entire understanding between the parties with respect to the subject matter hereof, and no other terms or conditions set forth in any other document provided by University shall be part of any this Agreement unless specifically accepted by AAI in writing. No modification of this Agreement will be binding unless in writing and signed by an authorized representative of each party. Any express waiver or failure to exercise promptly any right under this Agreement will not create a continuing waiver or any expectation of non-enforcement. There are no third-party beneficiaries to this Agreement.

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AUTOMATION

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by duly authorized officers or representatives as of the Effective Date.

AUTO	MATION ANYWHERE, INC.	UNIVERSITY: Ballari Insitute of Technology & Management	
	DocuSigned by:		
Dun	Robert Baker	BV: OF	
Name:	A0D9749C956E4F4 Robert Baker	Name: Y.J PRITHVI RAJ BHUPAL	-
Title:	Vice President, Corporate Opera	tions Title: DEPUTY DIRECTOR	
Date:	6/20/2019	Date: 1ST JUNE 2019	

Sulish-y

END OF DOCUMENT

Revised July 27, 2018 P.O. Box 640007, San Jose, CA 95164, USA Page 8

\$1-888-484-3535

Course Admin Agreement v1.0 Sales@AutomationAnywhere.com

Scanned by CamScanner



2016-19

### SOFTWARE TESTING TRAINING INSTITUTE A Unit of Test Yantra Software Solutions Pvt.Ltd

www.qspiders.com

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## MEMORANDUM OF UNDERSTANDING

Between (Ballari Institute of Technology & Management, Ballari) And (Qspiders, Bengaluru)

#### Purpose:

THIS MEMORANDUM OF UNDERSTANDING is made and entered into by and between 1)Ballari Institute of Technology & Management, Ballari And 2) Ospiders, Bengaluru to establish a career and technical education to the students of Ballari Institute of Technology & Management, Ballari.



Background:

- 1) Ballari Institute of Technology & Management, Ballari. Educational Institute Established in 1997, running UG & PG programs in Technical & Management courses.
- Qspiders. 2)

Qspiders is a premier software testing training institute with a view to bridge the gap between industry requirement and curriculum of educational institutions and also to meet the ever increasing demand for Quality IT professional.

NOW, THEREFORE, the parties to this MOU mutually agree to the following:

## Validity:

This MOU is valid from 1<sup>st</sup> March 2016 to 31<sup>st</sup> August 2017. The fee structure will remain same till 31<sup>st</sup> August 2016 & later the fee will be revised based on mutual discussion between BITM College & Qspiders.

## Value adds to the students:

- 1. Resume Building sessions.
- HR Interview sessions.
- Online Technical test. 3.
- Project Implementation different business scenarios 4.

## **Training Features:**

Practical Oriented Sessions

Regular QA and doubt clarification sessions **Qspiders Testing Training and Development Centre** Training covers Java and Testing certification Syllabus Certification after completion of the course from QSPIDERS & JSPIDERS Software Solutions (India) Pvt. Ltd.) YA AL Director, Chetty Complex, Bull Temple Road, BENGALURU-560004 Contact Number: +91-9845687181 Ballari Institute of Technology & Management, Corporate Office : #13 & 14 Bist floor Puttanna Chetty Complex, Opp. BSNL, Bull Temple Road, Basavanagudi, Bangalore - 560004

# CIN NO : U72200KA2007PTC044701

# piders

SOFTWARE TESTING TRAINING INSTITUTE A Unit of Test Yantra Software Solutions Pvt.Ltd

www.qspiders.com

- Course duration is 50 HOURS each course 2 HOURS PER DAY.
- (The time slot for training will be discussed mutually)

## Infrastructure support:

BITM will provide the following infrastructure support to Qspiders for training:

- I computer lab with 60 systems & projector.
- College central computer centre will be provided for assessments, which is equipped with 100 systems.
- > One cabin for counselor.
- (In course of training/stay any damage to college property/facility should be rectified/replaced)

#### Placements:

- 1. Interviews for students will be arranged between March 2016 and November 2016.
- Interview location may be Bangalore, Chennai, Pune, Noida or the college campus 'BITM' should be flexible to send the students to the location depending on the requirement.
- Job location might be Hyderabad, Bangalore, Chennai, Pune, Noida etc. and students should be ready to relocate.
- 4. We will make sure that at least 10 different companies conduct interviews.
  - a. Each student with 60% in 10<sup>th</sup> 12<sup>th</sup> and Engineering will minimum get 4 interviews from Qspiders side. If students don't have throughout 60 percent Qspiders do not assure the interviews. But Qspiders will put efforts to get them some opportunities.
  - Sending the students from their locations to interview locations (Bangalore, Chennai, and Pune) is responsibility of 'BITM' and 'BITM' should take care of the travel arrangements.
  - c. If a student registers OR accepts his / her name for a particular interview and does not attend then we consider that we have given him/her an interview.
  - d. Salary varies between 2L to 5.5L, and students should take all the opportunities given to them irrespective of salary offered.



Ph: 9845687781 / 9686800588

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# ders

SOFTWARE TESTING TRAINING INSTITUTE A Unit of Test Yantra Software Solutions Pvt.Ltd

www.qspiders.com

## Terms & Conditions:

- QSPIDERS WILL RUN AS A SEPARATE ENTITY INSIDE BITM PREMISES -Advertisement may be made as 'QSPIDERS & JSPIDERS COE IN ASSOCIATION WITH BITM'. HOWEVER, QSPIDERS WILL CO-ORDINATE / CO-OPERATE WITH BITM IN ALL THEIR ACTIVITIES IF REQUIRED by BITM Management - under intimation to us.
- NO INTEREFERENCE FROM BITM STAFF / MANAGEMENT unless the activity is unethical as per the rules and regulations laid by BITM - Such unethical act by QSPIDERS/JSPIDERS or within our work station May be intimated to us.
- ANY PROMOTIONAL ACTIVITY, QSPIDERS / BITM WILL WORK TOGETHER.

### Students:

Training is only restricted to BITM college students. Qspiders should not allow students from any other institute to undergo training at BITM College.

#### Counselor: .

Faculty himself will be our career / student's counsellor and guide at BITM, and he holds complete responsibility of QSPIDERS / JSPIDERS activities, he will be available full time in the college premises except his class timings.

#### Accommodation for trainers: .

Accommodation for trainers will be provided at free of cost

College has to make sure at least altogether 100+ (min 10 in addition) student sit in the course, . else the amount increases proportionally.

#### Payment mode: .

BITM College will collect fee from students & make the payment in the below mentioned process.

Total cost per student is Rs.7,250/- inclusive of service tax and standard deductions will be applied.

- 25% at the start of the training.
- 25% on 50% completion of the training.
- Remaining 50% on completion of training.











# Basavarajeswari Group of Institutions 2018-17 ಬಳ್ಳಾರಿ ಇನ್ಸ್ ಐಟ್ಯೂಬ್ ಆಫ್ ಬೆಕ್ನಾಲಜಿ ಅಂಡ್ ಮ್ಯಾನೇಜ್ ಮೆಂಡ್ LARI INSTITUTE OF TECHNOLOGIC BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

**NAAC** Accredited Institution

(Recognised by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belgavi.) "Jnana Gangothri" Campus, # 873/2, Ballari-Hosapete Road, Near Allipur, Ballari-583104. Karnataka State, India.

Ph: 08392-237167/153, Fax : 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : www.bitm.edu.in

## **MOU and Agreement for Training in Java / Testing Skills**

Sub: Work order for availing Java and Testing skill training program to establish a career and technical education to the students of Ballari Institute of Technology & Management, Ballari

This order is made and placed at Ballari on this date

By



Jnana Gangotri Campus, Ballari-Hospete road, Allipur, Ballari - 583104. Here in after referred to as the "BITM" which expression shall mean and include its heirs, legal representatives, executors, successorsin-interest, administrators and assignees etc. of the one part.

#### And

#### **QSpiders Bangalore**

V/o Test Tantra, # 50' 2" Floor, Brigade MAR, Vanivilac Rd. Here in after referred to as the "QSpiders" which expression shall mean and include its heirs, legal representatives, executors, successors-in-interest, administrators and assignees etc. of the one part. QSpiders is a premier software testing training institute with a view to bridge the gap between industry requirement and curriculum of educational institutions and to meet the ever-increasing demand for Quality IT professional

Regarding the above, the BITM is pleased to place this work order for availing the professional services as detailed below with following scope of work and commercial terms & conditions.

NOW, THEREFORE, the parties to this MOU mutually agree to the following:

A Unit of T. E. H. R. D. Trust ®, Ballari. An ISO 9001 : 2008 Certified Institution

QSpiders

BITM

**Qspiders** 

Ballari Institute of Technology & Management (BITM)

Osnidars Testing Training and Development Cartre (+ unit of Test Y., the Software Solutions (India) Produced # 13 & 14, 1ci Floor, Puttanna Chetty Complex, Bull Temple Road, BENGALURU-560004 Contact Number: +91-9845687781



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# MOU and Agreement for Training in Java / Testing Skills

Sub: Work order for availing Java and Testing skill training program to establish a career and technical education to the students of Ballari Institute of Technology & Management, Ballari

This order is made and placed at Ballari on this date

31000 2017

By

#### A) M/s Ballari Institute of Technology & Management.

Jnana Gangotri Campus, Ballari-Hospete road, Allipur, Ballari – 583104. Here in after referred to as the "BITM" which expression shall mean and include its heirs, legal representatives, executors, successorsin-interest, administrators and assignees etc. of the one part.

And

## B) QSpiders Bangalore

<u>U/o Tert Tanka</u>, #50, <u>Brogade MLR</u>, <u>Vaurivilas Rd</u>, <u>Bougalon</u>-<u>4</u>Here in after referred to as the "QSpiders" which expression shall mean and include its heirs, legal representatives, executors, successors-in-interest, administrators and assignees etc. of the one part. QSpiders is a premier software testing training institute with a view to bridge the gap between industry requirement and curriculum of educational institutions and to meet the ever-increasing demand for Quality IT professional

Regarding the above, the BITM is pleased to place this work order for availing the professional services as detailed below with following scope of work and commercial terms & conditions.

NOW, THEREFORE, the parties to this MOU mutually agree to the following:

QSpiders

BITM

Qspiders

Ballari Institute of Technology & Management (BITM)

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Qspiders Testing Training and Development Carry # 13 & 14, 1st Floor, Puttanne BENGALURU-560004 Contact Number: +91-9845687731

# 1. VALIDITY & SCOPE OF WORK

This MOU is valid from November 2017 to December 31st 2020 & later the changes may be done based on mutual discussion between BITM & QSpiders.

Training is only restricted to BITM Students only. BITM / QSpiders should not allow students from any other institute to undergo training at BITM.

## Value adds to the students:

- 1. Resume Building sessions.
- 2. HR Interview sessions.
- 3. Online Technical test.
- 4. Project Implementation different business scenarios

## Scope of Training

Following program has been designed for the students of BITM.

Concernance - Harrison		In the star Set and Sth	Sth Sem	vacation 6th and 7th	7th Sem	Vacation 7th and 8th	Sth Sen
Currently In	Sth Sem None	Core Java and Prog. Skills	None	Manual Testing and SQL (45 + 25 Hours 1	None	Selenium / Android / Python (30 Hours)	None
- Anta an Alexandra Anta Anta Anta Anta Anta Anta Anta Ant		A THE PERSON AND AND A PERSON A	state of the second of the	As Per Exisiting Model			
Currentiy in	7th Sem	Vacation 6th and 7th	sth Sem	Az Banga ore Center			
	None	Core Java and Prog. Skills (45 + 77 hours)		Manual Testing and SQL (45 + 25 Hours )	product of the second		

PY 2018-19

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# Part A: For Students current in 7th Sem and passing out in 2018

- Manual Testing (45 hours)
- SQL (25 hours)
- Core Java (45 hours),
- Programing skills (20 hours)

The course shall be conducted during their 7<sup>th</sup> Sem Vacations, 8<sup>th</sup> Sem and in Bangalore center if required. Alternatively, they can complete in 8th Sem Vacations

Minimum number of students expected would be 150

# Part B: For Students current in 5th Sem and Passing out in 2019

- Manual Testing (45 hours)
- SQL (25 hours)
- Core Java (45 hours),
- Programing skills (20 hours)

The course shall be conducted as follows

- o 6th semester Vacation
  - Programing Skills (Clanguage 22 hours)
  - Core Java (45 hours)
- 7th semester vacation
  - Manual Testing (45 hours)
  - SQL (25 hours) -

Minimum number of students expected would be 150

## Part C: Additional course for 8th Semester passing out in 2019

- Selenium (45 hours)
- Android (30 hours)
- Python (30 hours)

Minimum students expected for these courses - 30

All courses are registrations based and shall be batched as per the number of registrations.

#### **Training Features:**

- Practical Oriented Sessions
- Regular QA and doubt clarification sessions
- Certification after completion of the course from QSPIDERS & JSPIDERS.

BITM will provide the following infrastructure support to QSpiders for training:

- 1 computer lab with 60 systems & projector.
- BITM central computer center will be provided for assessments, which is equipped with 100 systems subject to lab availability
- One cabin for counselor on prior notice and subject to availability. In case during training/stay any damage to college property/facility should be rectified/replaced by QSpiders on mutually agreed terms

#### Placements:

- 1. Interviews for students will be arranged between March 201% and November 201%
- Interview location may be Bangalore, Chennai, Pune, Noida or the BITM campus. BITM should be flexible to send the students to the location depending on the requirement.
- Job location might be Hyderabad, Bangalore, Chennai, Pune, Noida etc. and students should be ready to relocate.
- 4. We will make sure that at least 10 different companies conduct interviews.
  - a. Each student with 60% in 10<sup>th</sup> 12<sup>th</sup> and Engineering will minimum get 4 interviews from QSpiders side. If students don't have throughout 60 percent QSpiders do not assure the interviews. But QSpiders will put efforts to get them some opportunities.



- b. Sending the students from their locations to interview locations (Bangalore, Chennai, and Pune) is responsibility of 'BITM' and 'BITM ' should take care of the travel arrangements.
- c. If a student registers his / her name for an interview and does not attend, then we consider that we have given him/her an interview.
- d. Salary varies between 2L to 5.5L, and students should take all the opportunities given to them irrespective of salary offered.

#### Counselor:

Faculty himself will be our career / student's counsellor and guide at BITM, and he/she holds complete responsibility of QSPIDERS / JSPIDERS activities, he/she will be available full time in the college premises except his class timings.

## 2. FINANCIALS

#### Part A:

1. The charges will be Rs. 11,000 (Eleven Thousand Only) inclusive of all / any service tax as applicable. The payment schedule will be as follows

51. FY		A5.	33.3%	35.0%
L	Manual lesting		14 8%	14.0%
2	Programming Skills	20	14.070	33.0%
3	Manual Testing	45	33.370	30.0%
A	SQL	25	18.5%	18,0%
+		135	100.0%	100.0%

- 2. The payment shall be made in the name of "QSpiders Bangalore." and will be subjected to applicable TDS as per law.
- 3. The payment shall be released as per the registered number of candidates. BITM shall make all efforts to ensure at least altogether 150) student sit in the course.
- 4. The above charges are inclusive of Trainer Charges, Trainer travel and daily expenses and other miscellaneous expenses

#### Part B:

1. The charges will be Rs. 11,000 (Eleven Thousand Only) inclusive of all / any service tax as applicable. The payment schedule will be as follows

SI NI	n Course Discussions To	tal # of Hours %	Course Completion	% to be billed during course
	Manual Tosting	45	33.3%	35.0%
1	Manual testing	20	14.8%	14.0%
2	Programming Skills	20	22 20%	33.0%
3	Manual Testing	45	33.370	18 0%
4	SQL	25	18.5%	10.070
		135	100.0%	100.0%



- 2. The payment shall be made in the name of "QSpiders Bangalore." and will be subjected to applicable TDS as per law.
- 3. The payment shall be released as per the registered number of candidates. BITM shall make all efforts to ensure at least altogether 150) student sit in the course.
- 4. The above charges are inclusive of Trainer Charges, Trainer travel and daily expenses and other miscellaneous expenses

### Part C:

- 1. The charges will be as detailed below inclusive of all / any service tax as applicable. The payment schedule will be as follows
  - a. Selenium 6000/- inclusive of tax (45 hours)
  - b. Android 6000/- incl tax (30 hours)
  - c. Python 6000 /- incl tax (30 hours)
- 2. The payment shall be made in the name of "QSpiders Bangalore." and will be subjected to
  - applicable TDS as per law as per the following for each course
    - a. 60% at the start of the training.
    - Remaining 40% on completion of training.
- The payment shall be released as per the registered number of candidates. BITM shall make all
- 3. efforts to ensure at least altogether 150) student sit in the course. 4. The above charges are inclusive of Trainer Charges, Trainer travel and daily expenses and other miscellaneous expenses

# 3. TERM OF AGREEMENT

1

- 1. The BITM and the QSpiders understand and accept that the QSpiders is acting as an independent QSpiders and not as an employee with regards to the provision of the Service.
- 2. There is no partnership or joint venture between the two parties. QSPIDERS will operate as an independent entity inside the BITM, and will adhere to security procedure and process of Campus, implemented from time to time
- 3. BITM may decide to stop all Services provided by QSpiders, provided all generated invoices for Services rendered up to the date of termination are paid in full.
- 4. With successful completion of the project, BITM agrees to the fact that QSpiders can use College's Name/Website/App/Web Portal Application name as a testimonial for the marketing purposes subject to written approval from the BITM .
- 5. And, Advertisement may be made as 'QSPIDERS & JSPIDERS COE IN ASSOCIATION WITH (college name)'. HOWEVER, QSPIDERS WILL CO-ORDINATE / CO-OPERATE WITH BITM IN ALL THEIR ACTIVITIES IF REQUIRED by BITM Management – under intimation to us.
- 6. BITM may make available separate work station within the College premises for QSpiders to promote its business. However, QSpiders may be allowed to use their own workstations /

# laptop subject to clearance from BITM IT team

- NO INTEREFERENCE FROM BITM STAFF / MANAGEMENT unless the activity is unethical as per the rules and regulations laid by BITM – Such unethical act by QSPIDERS/JSPIDERS or within our work station May be intimated to us.
- 8. ANY PROMOTIONAL ACTIVITY, QSPIDERS / BITM WILL WORK TOGETHER.

## 4. CONFIDENTIALITY

- The QSpiders recognizes the need to keep all information confidential and prevent its release to the public, as a material term of this Agreement.
- The QSpiders agrees not to disclose, report, or use, for any purpose, any of the confidential information disclosed to the QSpiders by the BITM, because of providing the Service, or which the QSpiders has otherwise obtained or accessed.
- All obligations regarding the protection of the confidentiality of the confidential information shall be effective for a period of 12 months from the date this Agreement's expiration or termination, as the case may be.
- The QSpiders will be permitted to disclose any of the confidential information in the following circumstances:
  - If the BITM has given written consent to the QSpiders to disclose information to a third party.
  - If the QSpiders is required to disclose such information by law or at the request of any governmental, administrative, legislative, or judicial body, if the QSpiders will first give prompt notice to the BITM of any possible or prospective orders of disclosure and the BITM has been afforded a reasonable opportunity to prevent or limit such disclosure.

## 5. OWNERSHIP OF PROPERTY

QSpiders acknowledges and agrees that all documents produced by QSpiders, including but not limited to source code, assets, memoranda, research notes, pleadings, and reports, during the work for the BITM, shall be property of the BITM, and QSpiders shall retain no ownership, interest, or rights therein. This shall not cover the QSpiders Training Materials and Course Materials, unless otherwise authorized by QSpiders

## 6. CONTRACT TERMINATION

1. In an event BITM wants to terminate the contract for various reasons, BITM agrees to make complete payment for the project phase that QSpiders is performing at the time of termination

## if any depending upon the effort spent for such services

2. In an event QSpiders wants to terminate the contract for various reasons, BITM shall make the payment depending upon the % of work executed or effort spent in any given phase at the time of termination.

# 7. INDEMNIFICATION

The M/s Ballari Institute of Technology & Management (BITM) agrees to indemnify Bizotic Talent Solutions Pvt. Ltd. and its consultants and its directors, from all and any manner of claims, liabilities, damages, expenses (including reasonable attorney's fees), awards, and judgments resulting from claims of third parties regarding ownership, slander, libel, privacy, misappropriation, and similar claims arising from publication of the work.

# 8. DISPUTES RESOLUTION

Disputes, if any, arising out of this agreement shall be subject to Arbitration in accordance with the Arbitration Act in effect and further subject to the jurisdiction of the Courts of Ballari, Karnataka.

This contract agreement when signed by both parties shall constitute a contract between us, and all prior representation and arrangements not incorporated herein are superseded.

QSpiders

Qspiders

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Ballari Institute of Technology & Management (BITM)



# ke: Kindly Revert !!!! Ref: JSpiders / QSpiders training

# Director biired

Wed 25-10-2017 21:01

Sent Items

To:Veena <veena.m@qspiders.com>;

Good Evening, I shall call you on Friday for final call and closure.

Regards Director BIIRED

From: Veena <veena.m@qspiders.com> Sent: 23 October 2017 11:51:53 To: Director biired

# Subject: RE: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Hi sir.

Sorry for delayed response ...

We can finish off maximum training during vacation.

Remaining classes can be adjusted in week ends (Saturdays 4 to 5 hours)

Regards Vina

1 Car

From: Director biired [mailto:directorbiired@bitm.edu.in] Sent: 17 October 2017 12:09 PM To: Veena Subject: Re: Kindly Revert !!!! Ref: JSpiders / QSpiders training

None - no classes, to be done during their regular class going on. We want to see, and use the effective model during vacations.

For ex: when students in 8th Sem, it may be difficult for us to give you 70 hours at stretch. If you are okay for integrating an hour daily to time table, let me know

Y3

Please call if you have doubts still

Regards Director BIIRED

Sent: 17 October 2017 10:30:13 To: Director biired Subject: RE: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Hi sir..

I dnt understand the term none.

Are we going with the old model itself??

Regrads Vina

From: Director bilred [mailto:directorbilred@bitm.edu.in] Sent: 16 October 2017 03:10 PM To: Veena; Prof. Prithviraj Y J Subject: Re: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Good Afternoon,

As discussed with Prof. Prithviraj, we are okay with proposal sent by you. The following is the executions that is required from your side - kindly review and finalize

	FY 2017-18		FY 2018-19				
New Model Proposed by BITM							
Sta Sem None	Vacation 5th and 6th Core Jeva and Prog. Skills (45 + 22 hours)	isth Seen Neen	Vecation 6th and 7th Manual Testing and 501 145 + 23 Moura (	7 the Sector	Vecation 7th and 8th Selenium / Android / Python (30 Hours)	Sth Sem	
			As Per Exisiting Model				
Ith Sem None	Vecetion 6th and 7th Core Jave and Prog. Skills (45 + 22 hours)	8th Sem	Manual Testing and SQL Manual Testing and SQL J45 + 75 Hours 1				
	Sta: Sem None Ith Sem None	FY 2017-18         Sth Sem       Vecation 5th and 6th         None       Core Jeva and Prog. Skills         Ith Sem       Vecation 6th and 7th         None       Core Jave and Prog. Skills         I-S + 32 hours:	FY 2017-18         No         Sth Sem       Vacation 5th and 6th       6th Sem         None       Core Jeva and Prog. Skills       Vecation 5th and 7th         Th Sem       Vacation 6th and 7th       6th Sem         None       Core Java and Prog. Skills       6th Sem         None       Core Java and Prog. Skills       6th Sem	FY 2017-18         New Model Proposed by BITA         5th Sem       Vecation 5th and 6th       5th Sem       Vecation 6th and 7th         None       Core Jeve and Prog. Skills       New       Manual Testing Model         Th Sem       Vecation 6th and 7th       Sth Sem       Manual Testing Model         Th Sem       Vecation 6th and 7th       Sth Sem       Manual Testing and 501         None       Core Jave and Prog. Skills       Manual Testing and 301         None       Core Jave and Prog. Skills       Manual Testing and 301         None       Core Jave and Prog. Skills       Manual Testing and 301	FY 2017-18       FY 20         New Model Proposed by BITM         5th Sem       Vecation 5th and 5th       5th Sem       Vecation 6th and 7th       7th Sem         None       Core Jeva and Prog. Skills       New       Manual Testing and SOL       New         145 + 32 hours 1       As Per Existing Model         Th Sem       Vecation 6th and 7th       Sth Sem         None       Core Java and Prog. Skills       Manual Testing and SQL         None       Core Java and Prog. Skills       Manual Testing and SQL         If 5 + 32 hours 1       If 5 + 35 Hours 1	FY 2017-18     FY 2018-19       New Model Proposed by BITM       3th Sem     Vacation 5th and 6th     6th Sem     Vacation 6th and 7th     7th Sem     Vacation 7th and 8th       None     Core Java and Prog. Skills     Mer.     Manual Testing and SQL     Mer.     Selenium / Android /       145 + 22 hours 1     145 + 23 Hours 1     FY 2018-19     Polison (30 Hours)       As Per Existing Model       Tth Sem     Vacation 6th and 7th     6th Sem     Manual Testing and SQL       None     Core Java and Prog. Skills     Manual Testing and SQL     Manual Testing and SQL       None     Core Java and Prog. Skills     Manual Testing and SQL     Manual Testing and SQL       145 + 22 hours 1     145 + 35 Hours 1     Manual Testing and SQL	

If this is fine, please finalize a date with BITM for induction and orientations please. Do note - it is important that we plan this out clearly, so that we can complete the activities in Campus going forward

My

Regards Director BIIRED

From: Veena <<u>veena.m@qspiders.com</u>> Sent: 11 October 2017 11:47:28 To: Prof. Prithviraj Y J Cc: Director biired Subject: RE: Kindly Revert !!!! Ref: JSpiders / QSpiders training





As per lots of discussions - following program has been designed for the students of BITM.

We would offer Manual Testing (45 hours), SQL (25 hours), Core Java(45 hours), Programing skills (20 hours) 110 00/- per head including tax - 135 hours

Minimum number of students expected would be 150

The course may be divided like this

6<sup>th</sup> sem Vacation – Programing Skills (C lang – 22 hours) & Core Java – 6000/- (45 hours) (may be paid as -60% adv and 40% at the end) 7<sup>th</sup> sem vacation - Manual Testing (45 hours) & SQL (25 hours) - 5000/- (may be paid as - 60% adv and 40% at the end)

If students are willing - additional course will be given in final year- final semister -

All the courses - payment - 60% advance 40% at the end)

Selenium - 6000/- inclusive of tax (45 hours) Android - 6000/- incl tax (30 hours) Python - 6000 /- incl tax (30 hours) Or any other course.

Minimum students expected for these courses - 80.

Hope the program designed and commercials put forth is as per the expectation.

Do revert with your comments.

Thanks & Regards Vina

From: Veena <veena.m@qspiders.com> Sent: 20 September 2017 11:42:09 To: Director biired Cc: Prof. Prithviraj Y J Subject: RE: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Sir..

Thanks for the mail.

There are few correction to the mail you have sent -

#### We cannot divide the entire program into groups as each course is interlinked 1.

45

#### For instance -

Manual Testing is a must to learn Selenium SQL is must to learn all these courses Core java is a must to learn selenium

Hence this is a package which has to be taken.

We can do like this -

Testing package - Manual / SQL / Core Java / Selenium /C Prog- 13k + GST (if minimum of 100 - students)

Development package – Core Java / Advanced Java / Andriod/C Prog – 13k + GST (minimum of 100 students)

Special course – Core java basics / Android/C Prog – 11k+GST (minimum of 80 students)

If lesser to this, allocating faculties is difficult. If all the students are opting for one single program minimum of 170 students.

- To start the training in November it's better to start early as students will be busy with exams and projects which again would delay training
- 3. I have discussed with Mr Girish the points that I made it very clear to him are
  - a. Training should take place in the campus it self
  - b. Training should be at a stretch no gap in between (we have to plan accordingly)
  - c. Training will not be stretched for a longer duration 4 to 5 months Maximum 2 months (to be initiated at your side during vacation for long duration, other days minimum of 3 hours Saturday min 4 hours)
    d. Now almost all are repeating the complete course, now the decision is ,let not all the students repeat, only the students who have missed the class, students who have not understood only will repeat. Others would register under placement department and attend interview / attend mock interviews / do presentations .
- 4. Increase in the amount proportionally –even we are not interested but, as you know the actual course fee is 25k, because we get bulk students we are reducing the cost to 50%. And if by chance we are not getting the number we expected, we will be at a loss. And as you know we are not increasing the cost, the amount increase is because we are adding selenium / android / C course Hence I would expect atleast increase in number of registrations, and getting these number of students to the class (in Bellary) is BITM responsibility.
- 5. Mock interview / small projects -will happen
- Students would come to Bangalore only for placements --means I don't want BITM students to come here and learn all the courses -- They have to finish everything in Bellary and have to come to Bangalore for only placement. (they will not waste their time in learning the concepts here in bangalore)

Hope I am able to make the matter clear.

Thanks & Regards Vina

## From: Director biired [mailto:directorbiired@bitm.edu.in] Sent: 20 September 2017 10:31 AM To: Veena

## Cc: Prof. Prithviraj Y J Subject: Re: Kindly Revert !!!! Ref: JSpiders / QSpiders training

## Good Morning,

My views are that we should look at the entire training model into 3 groups and we should price accordingly. Given that students may have multiple options, it will be good for us to group them and then look at their interest areas for training.

- We are ready to start the training well in advance this time and it will be in your campus only - November 2017
  - We shall look at this finalize. We also would like to start early
- Along with Manual testing / SQL / Core Java we would add Selenium and C Programming.
  - Can this be done in 3 modules and based on interest, we should fix the rate structures
    - Core Java / SQL
    - Testing both Manual and if possible tool testing introductions
  - Selenium and C Programming
- We would charge 13k + GST as applicable.
  - Can we get a costing based on the above 3 models, so that we should be flexible enough for the students to opt what they want / what they aspire to be?
- But make sure we get minimum 170 candidates.
  - This is something which we should work on rather than a minimum number. What I have seen, is drop out are high may be given to length of the programs.
- Anything lesser to this, we would increase the individual cost Proportionally.
  - Not acceptable.
- Mock Interview / small sample projects / programming skills would be part of this program
  - We need to see this under agreement. If you are going to do this in Campus, this should be included as a module - and we should mention No additional cost
- The students would come to QSPIDERS only for placement

 Not sure what this means – can you please explain and elaborate Let us discuss this further. Thanks

## Regards Director BIIRED

From: Veena <veena.m@qspiders.com>

Sent: 18 September 2017 16:00:08

To: Director biired

Cc: Prof. Prithviraj Y J Subject: RE: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Sir.

6

As discussed, we are agreeable to following -

- We are ready to start the training well in advance this time and it will be in your campus only November 2017
- Along with Manual testing / SQL / Core Java we would add Selenium and C Programing.
- We would charge 13k + GST as applicable.
- But make sure we get minimum 170 candidates.
- Anything lesser to this, we would increase the individual cost Proportionally.
- Mock Interview / small sample projects / programing skills would be part of this program
- The students would come to QSPIDERS only for placement.

Kindly give your opinion on this



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Thanks & Regards Vina

From: Director biired [mailto:directorbiired@bitm.edu.in] Sent: 11 September 2017 10:55 AM To: girish@testyantra.com; Veena Cc: Prof. Prithviraj Y J Subject: Re: Kindly Revert !!!! Ref: JSpiders / QSpiders training

Good Morning,

I am still awaiting a formal response from your side. Kindly ensure, please let us know, quickly on your acceptance, along with new proposal including new areas of study and so on.

Regards Director BIIRED

From: Director bilred Sent: 05 September 2017 16:12:29 To: girish@testyantra.com Cc: Prof. Prithviraj Y J; Veena Subject: Kindly Revert !!!! Ref: JSpiders / QSpiders training

### Good Afternoon

# I had called you last week twice during my visit to Ballari and subsequently I had spoken to Veena.

Y8

We are looking starting the Java training early this time may be during the break of 5th and 6th Semester and complete the training well ahead. This has two advantage, i.e. one we can avoid the students coming for phase II at Bangalore and second, we shall know exactly how many have been trained by you in this regard.

Secondly, we are also looking at adding more relevant course and there has been very little progress on new programming skills like Python, or adding up C refresher course from our side.

Finally, we want to see more of Mock Test / mini projects / Programming related questions or exam day and so on , to evaluate our students.

Kindly request you and your offices to send us a detail proposal to this effect.

Regards Director BIIRED





<sup>D</sup>h: 08392-237100 / 190, Fax : 237197, Principal - 99024-99388, e-mail : bitmbly@gmail.com, web : web

# MOU and Agreement for Training in Java / Testing Skills

Sub: Work order for availing Java and Testing skill training program to establish a career and technical education to the students of Ballari Institute of Technology & Management, Ballari  $26^{\text{M}}$  Dec. 2016



This order is made and placed at Ballari on this date \_

By

A) M/s Ballari Institute of Technology & Management.

Jnana Gangotri Campus, Ballari-Hospete road, Allipur, Ballari – 583104. Here in after referred to as the "BITM" which expression shall mean and include its heirs, legal representatives, executors, successorsin-interest, administrators and assignees etc. of the one part.

#### And

#### B) QSpiders,

U/o Test Yantra Software Solutions Inda (P) Ltd, #50, Brigade MLR, Vanivilas Road, Bangalore – 560004. Here in after referred to as the "QSpiders" which expression shall mean and include its heirs, legal representatives, executors, successors-in-interest, administrators and assignees etc. of the one part.QSpiders is a premier software testing training institute with a view to bridge the gap between industry requirement and curriculum of educational institutions and to meet the ever-increasing demand for Quality IT professional.

Regarding the above, the BITM is pleased to place this work order for availing the professional services as detailed below with following scope of work and commercial terms & conditions.

NOW, THEREFORE, the parties to this MOU mutually agree to the following:

For Ospiders Software Testing Training Institute



## 1. VALIDITY & SCOPE OF WORK

This MOU is valid from December 15<sup>th</sup> 2016 to December 31<sup>st</sup> 2017 & later the changes may be done based on mutual discussion between BITM & QSpiders.

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Training is only restricted to BITM Students only. BITM / QSpiders should not allow students from any other institute to undergo training at BITM.

## Value adds to the students:

- Resume Building sessions.
- HR Interview sessions. 2.
- Online Technical test. 3.
- 4. Project Implementation different business scenarios

#### **Training Features:**

- Practical Oriented Sessions .
- Regular QA and doubt clarification sessions ۲
- Training covers .
  - Candidates not placed Manual Testing, core java, SQL and Aptitude 0
  - Placed Candidates Core Java, SQL, J2EE and any specific course as per discussions 0
- Certification after completion of the course from QSPIDERS& JSPIDERS. .
- Course duration is 45 50 HOURS each course 2 HOURS PER DAY. . (The time slot for training will be discussed mutually)

#### Infrastructure support:

BITM will provide the following infrastructure support to QSpiders for training:

- 1 computer lab with 60 systems & projector.
- BITM central computer center will be provided for assessments, which is equipped with 100 systems subject to lab availability
- One cabin for counselor on prior notice and subject to availability. In case during training/stay any damage to college property/facility should be rectified/replaced by QSpiders on mutually agreed terms

#### **Placements:**

- Interviews for students will be arranged between March 2017 and November 2017 1.
- Interview location may be Bangalore, Chennai, Pune, Noida or the BITM campus. BITM 2. should be flexible to send the students to the location depending on the requirement.
- 3. Job location might be Hyderabad, Bangalore, Chennai, Pune, Noida etc. and students should

be ready to relocate.

We will make sure that at least 10 different companies conduct interviews. 4.

- Each student with 60% in 10<sup>th</sup> 12<sup>th</sup> and Engineering will minimum get 4 interviews a. from QSpiders side. If students don't have throughout 60 percent QSpiders do not assure the interviews. But QSpiders will put efforts to get them some opportunities.
- b. Sending the students from their locations to interview locations (Bangalore, Chennai, and Pune) is responsibility of 'BITM' and 'BITM ' should take care of the travel arrangements.
- If a student registers his / her name for an interview and does not attend, then we C. consider that we have given him/her an interview.
- Salary varies between 2L to 5.5L, and students should take all the opportunities d. given to them irrespective of salary offered.

#### **Counselor:**

Faculty himself will be our career / student's counsellor and guide at BITM, and he/she holds complete responsibility of QSPIDERS / JSPIDERS activities, he/she will be available full time in the college premises except his class timings.

**Accommodation Facility:** 

Trainers' accommodation to be taken care by 'BITM'.

## 2. FINANCIALS

- 1. The charges will be Rs. 9000 (Nine Thousand Only) inclusive of all / any service tax as applicable. The payment schedule will be as follows
  - a. 30% at the start of the training.
  - 30% on 50% completion of the training. b.
  - Remaining 40% on completion of training. C.
- 2. The payment shall be made in the name of "QSpiders, u/o Test Yantra Software Solutions India (P) Ltd." and will be subjected to applicable TDS as per law.
- 3. The payment shall be released as per the registered number of candidates. BITM shall make all efforts to ensure at least altogether 150) student sit in the course.
- 4. The above charges are inclusive of Trainer Charges, Trainer travel and daily expenses and other miscellaneous expenses

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## 3. TERM OF AGREEMENT

- 1. The BITM and the QSpiders understand and accept that the QSpiders is acting as an independent QSpiders and not as an employee with regards to the provision of the Service.
- There is no partnership or joint venture between the two parties. QSPIDERSwill operate as an 2. independent entity inside the BITM, and will adhere to security procedure and process of Campus, implemented from time to time

## BITM may decide to stop all Services provided by QSpiders, provided all generated invoices for Services rendered up to the date of termination are paid in full.

4. With successful completion of the project, BITM agrees to the fact that QSpiders can use College's Name/Website/App/Web Portal Application name as a testimonial for the marketing purposes subject to written approval from the BITM .

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- 5. And, Advertisement may be made as 'QSPIDERS& JSPIDERS COE IN ASSOCIATION WITH (college name)'. HOWEVER, QSPIDERS WILL CO-ORDINATE / CO-OPERATE WITH BITM IN ALL THEIR ACTIVITIES IF REQUIRED by BITM Management – under intimation to us.
- 6. BITM may make available separate work station within the College premises for QSpiders to promote its business. However, QSpiders may be allowed to use their own workstations / laptop subject to clearance from BITM IT team
- 7. NO INTEREFERENCE FROM BITM STAFF / MANAGEMENT unless the activity is unethical as per the rules and regulations laid by BITM - Such unethical act by QSPIDERS/JSPIDERS or within our work station May be intimated to us.
- 8. ANY PROMOTIONAL ACTIVITY, QSPIDERS / BITM WILL WORK TOGETHER.



## 4. CONFIDENTIALITY

- 1. The QSpiders recognizes the need to keep all information confidentialand prevent its release to the public, as a material term of this Agreement.
- 2. The QSpiders agrees not to disclose, report, or use, for any purpose, any of the confidential information disclosed to the QSpiders by the BITM, because of providing the Service, or which the QSpiders has otherwise obtained or accessed.
- All obligations regarding the protection of the confidentiality of the confidential information 3. shall be effective for a period of 12 months from the date this Agreement's expiration or termination, as the case may be.
- 4. The QSpiders will be permitted to disclose any of the confidential information in the following circumstances:
  - If the BITM has given written consent to the QSpiders to disclose information to a third party.
  - If the QSpiders is required to disclose such information by law or at the request of any governmental, administrative, legislative, or judicial body, if the QSpiders will first give prompt notice to the BITM of any possible or prospective orders of disclosure and the BITM has been afforded a reasonable opportunity to prevent or limit such disclosure.

## 5. OWNERSHIP OF PROPERTY

QSpiders acknowledges and agrees that all documents produced by QSpiders, including but not

limited to source code, assets, memoranda, research notes, pleadings, and reports, during the work for the BITM, shall be property of the BITM, and QSpiders shall retain no ownership, interest, or rights therein. This shall not cover the QSpiders Training Materials and Course Materials, unless otherwise authorized by QSpiders

# 6. CONTRACT TERMINATION

- In an event BITM wants to terminate the contract for various reasons, BITM agrees to make complete payment for the project phase that QSpiders is performing at the time of termination if any depending upon the effort spent for such services
- 2. In an event QSpiders wants to terminate the contract for various reasons, BITM shall make the payment depending upon the % of work executed or effort spent in any given phase at the time of termination.

# 7. INDEMNIFICATION

The M/s Ballari Institute of Technology & Management (BITM)agrees to indemnify QSpiders U/o Test Yantra Software Solutions Inda (P) Ltd. and its consultants and its directors, from all and any manner of claims, liabilities, damages, expenses (including reasonable attorney's fees), awards, and judgments resulting from claims of third parties regarding ownership, slander, libel, privacy, misappropriation, and similar claims arising from publication of the work.

# 8. **DISPUTES RESOLUTION**

Disputes, if any, arising out of this agreement shall be subject to Arbitration in accordance with the Arbitration Act in effect and further subject to the jurisdiction of the Courts of Ballari, Karnataka.

This contract agreement when signed by both parties shall constitute a contract between us, and all prior representation and arrangements not incorporated herein are superseded.

This contract will be signed in duplicate and agreed to this on \_\_\_\_\_\_\_ For Qspiders Software Testing Training Institute

Dec 2016

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Authorised Signatory

BITM

Qspiders, u/o Testyantra S/w Solns India (P) Ltd Ballari Institute of Technology & Management (BITM)





# Fw: Local Chapter Established for BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

1 message

Prof. Sadyojatha K M <sadyojatha@bitm.edu.in> Sat, Dec 9, 2017 at 11:17 AM To: "saddukm@gmail.com" <saddukm@gmail.com>, "manjutc000@gmail.com" <manjutc000@gmail.com>

From: NPTEL Local Chapter <localchapter@nptel.iitm.ac.in>
Sent: Friday, November 3, 2017 10:40 AM
To: Prof. Sadyojatha K M
Cc: Bharathi NPTEL; Kamala Ramakrishnan; POONKUZHALE K
Subject: Local Chapter Established for BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Congrats !

Your college **BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT** has been established as an NPTEL LOCAL CHAPTER.

We would like to inform you that your college details have been uploaded on our Local chapter website.

Local Chapter Home page : http://nptel.ac.in/LocalChapter/

#### NPTEL LocalChapter

nptel.ac.in

SWAYAM is the National MOOCs portal being developed by MHRD, Govt. of India. In order to ensure best quality content is produced and delivered, seven National ...

To view your College as a Local Chapter: --> http://nptel.ac.in/LocalChapter/list\_of\_colleges.php

#### NPTEL LocalChapter

nptel.ac.in

Logo College Name Status Address State Name SPOC Name Co-ordinated By; ABES ENGINEERING COLLEGE Active: CAMPUS -1, 19TH KM STONE, NH-24 GHAZIABAD-201009

Your request letter and NPTEL acknowledgement letter will soon be visible.

To view announcements : http://nptel.ac.in/LocalChapter/announcement\_forum.php


NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

# **AFREEN SULTHANA**

for successfully completing the course

# **Principles of Signals and Systems**

with a consolidated score of 40 %

Online Assignments 8.25/25 Proctored Exam 32/75

IV Prabhal

Total number of candidates certified in this course: 1637

Prof. T. V. Prabhakar Chairman Center for Continuing Education, IITK

Jan-Apr 2018 (12 week course)

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur





Indian Institute of Technology Kanpur

Roll No: NPTEL18EE0254220005

To validate and check scores: http://nptel.ac.in/noc



Prof. Anupam Basu

IT Kharagpur

## NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)

R

This certificate is awarded to

### **DIVAKARA M**

for successfully completing the course

**Discrete Time Signal Processing** 

with a consolidated score of 52 %

Online Assignments 13.33/25 Proctored Exam 39/75

Total number of candidates certified in this course: 550

Aug-Sep 2018 (8 week course)

A.Gosuamu

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharappur









This certificate is awarded to

## KAVYA SHREE .A.

for successfully completing the course

# **Control Engineering**

with a consolidated score of 43 %

Online Assignments 10.5/25 Proctored Exam 32.25/75

Total number of candidates certified in this course: 786

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL18EE0552220108

A. Rank

Prof. A. Ramesh

Chairman

Center for Continuing Education, IITM

Jan-Apr 2018 (12 week course)

PREC ONLINE EDUCATION

To validate and check scores: http://nptel.ac.in/poc.



# NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAVYA SHREE .A.

for successfully completing the course

**Power System Engineering** 

with a consolidated score of 45 %

Online Assignments 13.75/25 Proctored Exam 31.5/75

Total number of candidates certified in this course: 647

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur

Jan-Apr 2018 (12 week course)

A. GOSHAMU

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL18EE0951220178

To validate and check scores: http://nptel.ac.in/nbc



ACTIVE

# \*)NPTEL CERTIFICATE OF APPRECIATION

## K M SADYOJATHA

is awarded to

## BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT BALLARI, KARNATAKA

for his the nostrumental role as SPOC for the SWAYAM-NPTEL Local Chapter. hank you for being NPTEL's brand ambassador at your esteemed institution.

PROF. BHASKAR RAMAMURTHI Chairman, NPTEL PIC Director, IIT Madras

And Concerned Edited A.T.S.

Active SPOC based on Candidate Performance for the JAN - JUN 2018 semester



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a o 2 -





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NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

## **USHA RANI NP**

for successfully completing the course

# **Power System Engineering**

with a consolidated score of 53 %

Online Assignments 23.25/25 Proctored Exam 30/75

Jan-Apr 2018

(12 week course)

Prof. Anupam Basu

NPTEL Coordinator

IIT Kharagpur

Roll No. NPT EL18EE0953220061

Total number of candidates certified in this course: 647

A. GOSHAMU

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpu



Indian Institute of Technology Kharagpur

To validate and check scores: http://nptel.ac







Scanned with CamScanner







ONE DAY WORKSHOP ON

### **"TECH INVENTIONS"**

### ORGANIZED BY:

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### ON 06TH MAY 2017

The workshop is focused on the derelopment of technological invention since from 100 years and time line of the inventions. And also the role of embedded platform for the technology advancement.

### **RESOURCE PERSONS:**

### Mr. SHRIDHAR S M

Assistant Professor , Department of EEE. BITM, Ballari

Mrs. SARALA P Assistant Professor, Department of EEE. BITM, Ballari.

F. B. S. KHENED ssor & Head of the intment, intment of EEE. **Ballari Institute of Technology and Management** 

### ONEDAY/MORGHOPON

"TECH INVENTIONS"

For 4th Samester Students

OFFETRECIES

## DEPARTMENT ØF ELECTRICAL & ELECTRONICS ENGINEERING

TECHNOLOGICAL TIME LINE ROBOTICS INVENTIONS EMBEDDED SYSTEM OVERVIEW VIDEOS ON TECHNOLOGY INVENTIONS

### Venue:

EEE SEMINAR HALL, 3RD FLOOR, MILLENNIUM BLOCK **Timings:** 

9.30 AM to 4.00 PM





### REPORT ON WORKSHOP

orkshop on "Tech Inventions" was conducted on 06/05/2017 for 4<sup>th</sup> Sem Students by Shridhar.S.M and Mrs.Sarala.P.

Workshop was focused on the techonological inventions so far from 100 years and their ect on lifestyle. The effects of technological advancement it has simplified the way we do things, it es time, it increases on production, it simplifies communication, it has improved health care and it also improved our educational environment.

inly the workshop concentrated on time line of invention in: Entertainment, communication, isportion, robotics, satelite technology, future home, microchip technology, nano technology. And base of these technology is Embedded systems. Workshop also briefed about the Embedded tem, types of Embedded systems, architectural view of embedded systems, requirements of ES, and lications. Followed by the video of recent Tech Inventions.

following topics were covered by Mr.Shridhar.S.M

- Technology Time Line
- Entertainment
- Communication
- Transportion
- Robotics
- Satelite technology
- Carbon nano tubes, Microchip technology
- Nano technology
- RFID tech, Energy
- Applications of ES: Microwave, Washing Machine, Cruise Control.

following topics were covered by Mrs. Sarala.P

- Introduction of ES
- ES Hardware
- Architecture of ES: CPU, RAM, ROM, Input devices, ASIC, Output devices.
- Frimware: editor, simulator, copmiler.
- Components of ES: ADC, DAC, Counter, Amplifier, PWM, timer, Filter.
- Types: small scale, medium scale, sophisticated
- Processor
- Other copmonents: Power source, Clock, RTC, Interrupt Handler.

lowed by the video of recent Technology Inventions.

Maniellecon

Mr.Shridhar.S.M Workshop Coordinator

Mrs.Sarala.P Workshop Coordinator

Bearlence

Prof. B.S.Khened HOD

# BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ELECTRICAL AND ELECTRONICS ENGINEERING

## Report On MATLAB/SIMULINK Workshop

As a part of extracurricular activity a workshop on MATLAB/SIMULINK was organized on 07-05-2016 for the students of 6<sup>th</sup> semester EEE department.

## Topics covered by the respective faculty:

Mr. Santosh. B. M	: Introduction to MATLAB
Mr. Vijaya Krishna. M	: Introduction to SIMULINK and modeling of power converters
Mr. G. Harish Kumar	: Modeling of D.C motor by using SIMULINK
Mr. Sharana Reddy	: Analysis of Basic Electrical circuits by using SIMULINK
Mr. Kamal Kishore. Y	: 2D plots by using MATLAB.

MATLAB/SIMULINK, is a vital tool for analyzing complex engineering problems. Analysis of Power systems, Power Electronics etc can be done by using above mentioned tools.

Sharana Reddy Associate Professor

2

Santosh. B. M Assistant Professor

Mr. Kamal Kishore, Y

Assistant Professor

Vijaya Krishna. M Assistant Professor

Harish Kumar G Assistant Professor

Belined.

Prof. B.S. Khened Signature of HOD

Two Day National Workshop On	Chiel Patron	;	Dr. Yashvanth Bhupal	
Technological Advances in Power Electronics and Power Systems (TAPEPS)			Chairman & Director	(WO DAY NATIONAL WORKSHOP
REGISTRATION FORM	Patrons	:	Prof . Prithviraj .Y.J Deputy Director	TECHNOLOGICAL ADVANCES IN POWER ELECTRONICS AND POWER SYSTEMS (TAPEPS)
Name:			Dr. U. Eranna Principal	14th & 15th February 2014
Name of the Institution/Organization:			Dr. K.S.R.Sridhar Vice-Principal	
Address:	Convener	:	Prof. B.S.Khened HOD EEE	
E-mail: Mobile No	Co-convener	:	Mr. Sharana Reddy Asso.Prof.	KARL I
Accommodation required: YES/NO	Organizing	:	Mr. A.Abdul Khadar, Asst. Prof	Organized By
Particulars of Demand Draft. :	members		Mr. K. Narasimhulu, Asst. Prof	DEPARTMENT OF
Name of the Bank:			Mrs. Arathi.P.B. Asst.Prof	ELECTRICAL & ELECTRONICS ENGINEERING BITM, BELLARY
D.D.No. : Date:			Mr. Y.Kamal Kishore. Asst.Prof	
Amount:			Mr. Shridhar.S.M. Asst.Prof	
			Mr. Md Anwar Asst Prof	
			Mr. Md. Gaffur .P, Asst.Prof	RECTOR & RECTORED BONEDING
Date: Signature of the Applicant			Mrs. Parvathi, Asst.Prof	
			Ms. S. H. Meenakshi, Asst.Prof	
		Į	Mr. Rajashekar.K, Asst.Prof	Ballari Institute of Technology & Management
		1	Mrs. Pushpalata, Asst.Prof	"Inana Gangotri" Campus, #873/2, Bellary-
Signature of the HOD/Principal				Hospet Road, Allipur, Bellary 583104 Karnataka.

## TWO DAY NATIONAL WORKSHOP

# TECHNOLOGICAL ADVANCES IN POWER ELECTRONICS AND POWER SYSTEMS (TAPEPS)

Organized By Department of Electrical and Electronics Engineering BITM, Bellary



Workshop Schedule 14<sup>th</sup> & 15<sup>th</sup> Feb 2014

.....

-30 am - 10:30 am	Inauguration		
10:30 am - 11:45 am	I - Session Reduction Of Distribution Losses	By: Mr. B. S. Srikanthan NIEIT Mysore	
11:45 am - 12 pm	Tea Break	Ser Contractor States	
12 pm - 1:15 pm	II - Session Legal And Environmental Implications Of Inefficiency In Power Sector	By: Mr. Shankar Sharma Power Policy Analyst. Mysore	
1:15 pm - 2:15 pm	Lunch	一方であるとなる日本のである	
2:15 pm - 3:30 pm	III - Session Future Power Supply Options For The Country	By: Mr. Shankar Sharma Power Policy Analyst. Mysore	
1:30 pm - 3:45 pm	Tea Break	いいたことの原語	
3:45 pm - 5 pm	IV - session AC-DC Active Power Factor Correction Converters for Distributed Power System Applications	By: Mr. M. Mahesh PESIT Bangalore	

ទាំចាក

100 3114120 200	Day-Two 154	reb .		
9:30 am - 10:30 am	1 - Session Artificial Neural Network Application To Power Systems	By: Mr. Srikanth, N. V NIT Warangal		
10:30 am - 10:45 am -	Tea Break			
II - Session Artificial Neural Network Application To Power Systems		By: Mr. Srikanth, N. V NIT Warangal		
12:14 pm - 1:45 pm	Lunch The section	法、話記、前		
1:45 pm - 3 pm	III - Session Recent Advances In Power Electronics & Drives	By: Mr. B. Basavaraj GITAM University. Hyderabad		
3 pm - 4:15 pm	IV - Session Cooling Of Generator And Its Adverse Effects On Power System"	By: Mr. Mahalinga Swamy Manager, JSW Center Of Excellence, Bellary		
(4:15 pm - 4:30 pm -	Tru Breaks	detter al sector at and		
4:30 pm	Valedictory			

Ballari Institute of Technology and Management, Ballari. Department of Computer Science and Engineering.





Tech Vruksha

# **AGENDA FOR "CODE STORM"**

# VISION

To initiate coding skills and gain unique experience in problem solving by thinking out of the box.

# MISSION

- > To provide a space for students to build their intellectual confidence in coding.
- To extend the computational thinking skills of the students, by providing an exposure to tackle challenges independently.
- > To encourage students to solve real world problems with a growing mind-set.

# Objectives

- > To create proficiency in problem solving techniques using the computer.
- To help students gain knowledge of analysing complex problems and synthesising solutions to those problems with ease.
- ➢ To create awareness about the forum.

Date:02-03-2019

Time: 9.30a.m. to 11:00a.m.

Venue: SH 5, 3rd Floor, Millenium Block, BITM





			Loc	e vtor
SI No.	Name	Sem	USN	Contact N
1	Akash Telkar	4	3BR17CS004	63639933
2	Ashish R Rathod	4	3BR17CS011	83101815
3	Bhargavi N	4	3BR17CS023	78926135
4	C Chaitra	4	3BR17CS025	91138934
5	Channa Basava H	4	3BR17CS028	80737036
6	Dabbara Praveen	4	3BR17CS031	91136558
7	G Chaitra	4	3BR17CS037	96327899
8	Ganesh P	4	3BR17CS041	88805195
9	Ganesh T	4	3BR17Cs042	98808501
10	Arvind J	4	3BR17CS056	93810659
11	Lavanya M	4	3BR17CS074	87627056
12	Preethi T	4	3BR17CS113	81528414
13	Shashikala K P	4	3BR17CS145	97420209
14	Sheethal VS	4	3BR17CS146	82175439
15	VShivnarayan	4	3BR17CS147	99306639
16	Sindhu.M.P	4	3BR17CS149	86187299
17	Srikanth D K	4	3BR17CS155	99801446
18	Srinivas V B	4	3BR17CS156	99864562
19	Sriraksha M	4	3BR17CS157	97385777
20	Harshit Saluja	4	3BR17CS162	74060936
21	Sumanth H	4	3BR17CS163	97406550
22	T L Mohsin	4	3BR17CS168	90197109
23	Tanseer S M	4	3BR17CS169	90361190
24	Tejaswini.G	4	3br17CS171	86180643
25	Tharun K	4	3BR17CS174	74118585
26	Mohammed Hashir	4	3BR17CS900	95913395
27	Chandan N	4	3BR18CS404	87478748
28	.Bandi.Moncesha	9	3BR 17CS 02	0 8073810
29.	G.sahana	4	3BR17CS03	9 81470
30.	BoDharani	4	3BRI7CSOIS	5 9611480
31	Swathi.U	4	BBR17CSIGG	198801
32.	Shisha.J	4 2	BRIZCSISI	96202=
ि र र.	Alship arya	4 2	BRIZCS 00:	2 959890

Storm Registration and Attendance Details

# No. E-Mail

1

66 akashstelkar999@gmail.com 00 ashishrathod486@gmail.com 518 narrabhargavi5@gmail.com chaitrac.bitm@gmail.com 195 channuhiremath172@gmail.com 523 dabbarapraveendp@gmail.com 381 949 chettierchaitra@gmail.com ganeshpuvadi@gmail.com 551 ganeshtshetty1999@gmail.com .85 aravindjinde466@gmail.com 993 595 lavanyan851@gmail.com 146 preethitomandr@gmail.com shashi4238@gmail.com 373 shethal2018@gmail.com 989 shivnarayan2799@gmail.com 934 sindhump1075@gmail.com 379 682 srikanthdk007@gmail.com srinivas274912@gmail.com 220 745 mundadisriraksha@gmail.com sumanthchinni24@gmail.com 659 098 sumanth.h55@gmail.com 986 tlmdmohsin782@gmail.com 000 smtanseer123@gmail.com 398 teju66400@gmail.com 543 tharunkattar@gmail.com 565 rusikhashir@gmail.com 897 chandannaik319@gmail.com 705 bandi. Monce 2315@gnall . Com 199947 geahanac 2210 agmail · com 4790 bushangaru, dharani 23855 undaluswathi seddy 75 Q 127727 Sirieha Jutor 261 Qgmail. Com 48378 aishwagya 9980@gmail.com.

# Signature Balance About. Paid Paid Paid Paid paid Paid realting Paid Paid Paid Paid avar Paid MILTODIE. Paid Shouhleola. K.f Paid shuthal.Y.S paid Paid paid Paid Paid Paid Scherepha Paid Paid Luce Paid T.L.Moh Paid Tomscer paid Tominity Paid Contract Paid Hoghi Paid · B. Monero Paid G. Sahang B. Schaege. Paid. Paid.

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# BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.



08-MAR-19

# CODESTORM



# BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.





How were the questions?	Were the coordinators helpful?	How was the event organised?	Was this event helpful for you?	Any other feedback
Excellent	Yes	5	5 Yes	It was great to practise our overall coding knowledge
Excellent	Yes	a second a second s	5 Yes	Overall Good
Good	Yes		Yes	Superb
Satisfactory	Yes	and the second	Yes	Would request to conduct more event of this type
Excellent	No	6	5 Yes	It is wonderful, fantastic, outstanding
Good	Yes	4	Yes	Good, want more events like this
Good	Yes		Yes	No
Good	Yes	Comments in the second second second second	Yes	Ntng much
Excellent	No	4	Yes	Very satisfactory
Excellent	Yes		Yes	No
Good	Yes	6	Yes	Overall good
Good	Yes	3	Yes	Questions can be a bit easier
Good	Yes	5	Yes	Good job
Excellent	Yes	4	Yes	Still better
Good	Yes	4	Yes	Good initiative by the department
Good	Yes	5	Yes	No feedback
Satisfactory	Yes	3	Yes	questions are too horrible
Good	Yes	4	Yes	Conduct still more events like thus
Satisfactory	No	3	Yes	Please check the questions are conformable to lower sems also
Satisfactory	Yes	4	Yes	Good experience of new questions
Good	Yes	4	Yes	Nothing
Good	Yes	5	Yes	Codect like this only
Good	Yes	4	Yes	Price for event was unsatisfactory
Good	No	4	Yes	No
Excellent	Yes	5	Yes	No comments
Good	Yes	3	Yes	Nothing
Good	Yes	5	Yes	No comments
Excellent	Yes	3	Yes	Good
Excellent	Yes	4	Yes	Nothing
Excellent	Yes	5	Yes	Good event
Satisfactory	Yes	4	Yes	It was good
Good	Yes	5	Yes	Every went good
Good	Yes	5	Yes	We need still more events like dis
Excellent	Yes	3	Yes	Nthg
Satisfactory	Yes	3	Yes	Knowledge levels of 6th semester and 4th semester students are different so it would be nice to set question paper separately
Satisfactory f	No	5	Yes	Questions was not actually related to 2nd years
Good	Yes	4	Yes	Got to learn.
Good	Yes	4	Yes	No
Satisfactory	Yes	4	Yes	I didn't see some questions in my subjects
Good	Yes	3	Yes	Session was good
Satisfactory	Yes	5	Yes	Really good keep conductingdo not close Tech vruksha again
Satisfactory	Yes	3	Yes	Knowledge levels of 6th semester and 4th semester students are different, so it would be nice to set question paper separately
Good	Yes	5	Yes	Good event
Good	Yes	5	Yes	Insufficient time
Excellent	Yes	5	Yes	Do not end this techvruksha pass it to your juniors also
Good	Yes	4	Yes	It was good event.
Good	Yes	3	Yes	ntg
Good 1	Yes	4	Yes	No
Satisfactory	Yes	4	Yes	Good
Good	Yes	4	Yes	No
Good N	No	3	Yes	No

Feedback forms of 'Code Storm's

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## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ABHIVRUDHI MANAGEMENT FEST-2019

Ballari Institute of Technology and Management organizes a flagship event Abhivrudhi Management Fest for Undergraduate students, this year it was organized on 09<sup>th</sup>March 2019, with a theme "Zero" which highlighted range of skills in the area of management, where students from 17-degreecolleges in & around Bellary participated in various events namely,

- 1. Best Manager
- 2. Human Resource
- 3. Marketing
- 4. Finance
- 5. Ice Breaking
- 6. Team Building
- 7. Digital Marketing
- 8. Business Plan.

The Participated Colleges list are given below:

- 1. ASM College for Women Ballari
- 2. Sri KolliNageshwarRao Gangaiah Govt First Grade CollegeGangavati
- 3. Sri Ramulu college Gangavathi
- 4. Indo-America Degree College Ballari
- 5. SGT Degree College, Ballari
- 6. SSA Govt First Grade Degree College, Ballari
- 7. Ballari Business College, Ballari
- 8. Shree MedhaDegree College, Ballari
- 9. Dr P.R.K Degree College Ballari
- 10. Sandur College
- 11. Nandi College, Ballari
- 12. VNP College,Sandur
- 13. DuddupudiDegree College for Womens, Sindhanur
- 14. KLE Society's College of commerce, Gangavathi
- 15. Theosophical College of Management, Hospet
- 16. Sadviya Arts & Commerce College, Sandur
- 17. SmtBasammaWomens Degree college, Ballari



stitute of Technology & Manugement was started under the aegis of T.E.H.R.D. e, Bullari in the year 1997. The institution is recognized by Govt. of Karnataka, approved by AJCTE, New Dethi and is affiliated to Vistesmaraya Technological University, Belga ne is certified with ISO 9001:2015 and accredited by NAAC. BITM plays a vital ing world class engineers and management professionals tuned to the requirement if fast changing technology and management world. It is for this reason BITM has been Ra's one of the premier engineering institutions.

### UT BITH-ONS

entered of Management Studies (DMS) was established in the year 2007. DMS receip individuals to all required management talents to shoulder challenging lines in the emerging corporate scenarios in the country. The broad goal is to up individuals us all required management carents to smoother entancinging is in the emerging corporate scenarios in the country. The broad goal is to nes with the foundations in content and competencies that will support their as effective managers in a variety of organizational settings. The ideology of evelop facets of management through education, training, counseling and

Semulacts industry-oriented applied research in all functional areas of management as Markering, Finance, Human Resource Management, Retailing, Health, Safety Environment, We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO ad Environment, We offer MBA course, affiliated to VTU, Belgaum, Karnataka ISO WI-2015 certified, CRISIL B-school KA B\*\*\* graded, we have been ranked 49th in yound IIM's B-school survey 2014 conducted by Higher Education Review. And our stitution is NAAC accredited. ERO Management thinking

ZERO Management thinking BITM primarily brings together management thought leaders with peers from different organizations to experience not only the finest in professional growth opportunity to enrich their students.

urganizations to experience not only the intest in pro-enrich their students. Zero based thinking is a performance management mindset in which there is no acceptable level of fullure: no poor quality, no breakdowns, no delays, no customer complaint processes, no manufacturing wastes, etc. Ultimately, what we're talking about is perfection. This way of thinking pushes manufacturers to consider the size of the overall loss composed of all fullures (losses). Zero based thinking forces companies out of "budget thinking" which we define as an acceptable, budgeted range of failure.

Zero base stretches you to perfection. When trying to discover the problem, you must any yourself, what are the activities keeping you from perfection and what are the costs of the activities keeping you from perfection? Understanding the cost of those activities allow you to work on the critical few things that control your greatest cost expenditure in term. s allow of Marketing, HR and Finance.

Zero based thinking is not always an easy pill to swallow. Organizational paradigms will potentially be challenged in a greater way than ever before as long-understood necessifies for success are put to the zero based test.

Students participating in the event can build a strong inclination of mana nt of Zero in their Life

SI.No.	EVENT	No. of Participants
L	SHOONYA SHRESHTA- Best Manager	1
2	CERO HUMONOS - HR	2
3	MIDEN EMPORIA - Marketing	2
4	NULL FINANZEII - Finance	2
5	· ZERO QUEBRA - Ice Breaking	4
6.	REI CHIMU - Team building	2
7.	SIFR TIJARA - Business Plan	2
8.	DIGI SHUZI- Digital Marketing Event	2

### Rules

The number of participant allowed are 17 students accompanied by a faculty. Participant should bring college ID card and belonging like laptop any other accessories.

Registration fees Rs. 1000/- per team.

Auguration registration is 1st March. 2019. Any misconduct during fest leads to disqualification. Participating teams are required to report at the venue at 9.00 am for registration on event day. .One team per college







## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ABHIVRUDHI MANAGEMENT FEST-2018

Ballari Institute of Technology and Management organizes a flagship event Abhivrudhi Management Fest for Undergraduate students, this year it was organized on 10<sup>th</sup> March 2018, with a theme "Vishwa Roopam" which highlighted range of skills in the area of management, where students from 13-degreecolleges in & around Bellary participated in various events namely,

- 1. Best Manager
- 2. Human Resource
- 3. Marketing
- 4. Finance
- 5. Ice Breaking
- 6. Business Quiz &
- 7. Team Building
- 8. Movie Making Theme

The Participated Colleges list are given below:

- 1. ASM College for Women Ballari
- 2. Sri KolliNageshwarRao Gangaiah Govt First Grade CollegeGangavati
- 3. Sri Ramulu college Gangavathi
- 4. Indo-America Degree College Ballari
- 5. SGT Degree College, Ballari
- 6. SSA Govt First Grade Degree College, Ballari
- 7. Ballari Business College, Ballari
- 8. Shree MedhaDegree College, Ballari
- 9. Veerashaiva CollegeBallari
- 10. Sandur College
- 11. Nandi College, Ballari
- 12. VNC College, Hospet
- 13. DuddupudiDegree College for Womens, Sindhanur.



### ABOUT BITM

Ballari Institute of Technology & Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2015 and accredited by NAAC. BITM plays a vital role in crafting world class engineers and management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

### ABOUT BITM-DMS

The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organizational settings. The ideology of DMS is to develop facets of management through education, training, counseling and publications.

DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to VTU, Belgaum', Karnataka ISO 9001-2015 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 49th in Beyond IIM's B-school survey 2014 conducted by Higher Education Review. And our institution is NBA accredited.

### VISHWAROOPAM - freedom to Inspire.

Political, Economic, Social and Technological factors are used to assess the market for a business unit in the Global stage. The factors to review a situation may be in the form of strategy, position, marketing proposition or idea in building a Product, Human Resource, Leaders and strong Business. All these factors add identity to the individuals to present themselves to the Vishwa (World) like a golden star. Knowledge, skill and abilities are the basic success factors to showcase a VISHWAROOPAM. BITM Department of Management Studies gives an opportunity and inspires to young management students to demonstrate their KSA to Vishwa (world) through our flagship Management Fest "Abhivrudhi-2018" targeted to BBM, BBA and B.Com students.

### ADAPTABILITY



SLNo.	EVENT	No. of Participants	RULES
1.	Adhrit-Best Manager	1	Will be informed on Event Day
2.	Utkrosha -HR	2	Will be informed on Event Day
3.	Market Kshetra-Marketing	2	Will be informed on Event Day
4.	Dravina-Finance	2	Will be informed on Event Day
5.	Karyaneeti-Ice Breaking Theme- A fairy tale of INDIA	4	Prepare a video and send to the organizers. Selected videos will be asked to present on the event day.
6.	Samuhau -Team Building	2	Will be informed on Event Day
7.	Mahavira -Business Quiz	2	Will be informed on Event Day
8.	Advaita-Movie making Theme- Transformation of India	2	Prepare the movie and present on the day of event

### Rules for the event:

The number of participant allowed are 17 students accompanied by a faculty. Participant should bring college ID card and belonging like laptop any other accessorie Registration fees Rs. 2000/- per team.

- Last date for registration is 1st March. 2018.
- Any misconduct during fest leads to disqualification.
- Participating teams are required to report at the venue at 9.00 am for registration. One team per college



## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ABHIVRUDHI MANAGEMENT FEST-2017

Ballari Institute of Technology and Management organizes a flagship event Abhivrudhi Management Fest for Undergraduate students, this year it was organized on 15<sup>th</sup> March 2017, with a theme "Yoyatha" which highlighted range of skills in the area of management, where students from 13-degreecolleges in & around Bellary participated in various events namely,

- 1. Best Manager
- 2. Human Resource
- 3. Marketing
- 4. Finance
- 5. Ice Breaking
- 6. Business Quiz

The Participated Colleges list are given below:

- 1. ASM College for Women Ballari
- 2. Sri KolliNageshwarRao Gangaiah Govt First Grade CollegeGangavati
- 3. Sri Ramulu college Gangavathi
- 4. Indo-America Degree College Ballari
- 5. SGT Degree College, Ballari
- 6. SSA Govt First Grade Degree College, Ballari
- 7. Ballari Business College, Ballari
- 8. Shree MedhaDegree College, Ballari
- 9. Veerashaiva CollegeBallari
- 10. Sandur College
- 11. Nandi College, Ballari
- 12. VNC College, Hospet
- 13. DuddupudiDegree College for Womens, Sindhanur.



On Wednesday, March 15th 2017

### **ABOUT BITM**

Ballari Institute of Technology & Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognized by Govt. of Karnataka, Approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2008 in the year 2003 and accredited by National Board of Accreditation. BITM plays a vital role in crafting world class engineers and management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

### **ABOUT BITM-DMS**

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### YOYATHA Signifies "Adaptability"

Indian economy is sailing through the turbulent waves of transformation towards cash less and digital economy. Demonetization, sealing on cash transactions, never before boost for digital commerce, Make in India movement, Startup India initiatives, GST revolution etc, is elevating Indian economy towards supercilious realm of augmented competitiveness, opulence and progression

It is high time for consumers, business houses and government bodies to demonstrate high degree adaptability with dynamic, vibrant and forceful impact of transformational Indian Economy

From the viewpoint of managerial academics, it is need of the hour to equip young budding gers with apt arms and ammunitions that enable them to take head-on spar with the turbulent market conditions and sail over the tide with ease.

### **Yoyatha Calls For:**

- Adaptability to digitalized, cashless and transparent economy
- Adaptability in anticipating future changes and keeping solutions ready
- Adaptability in crafting and executing sustainable winning business strategy
- In this pursuance "YOYATHA" [Adaptability] is chosen as central theme for the ABHIVRUDHI 2017.



SI.No.	Events	No. of Participants	Coordinators	
01	AMARTHYA [BEST MANAGER]	01 PERSON	Prof. M. JAVED KALBURGI Mbl : 9900961873	
02	VIKRETHA [MARKETING EVENT]	02 PERSONS	Prof. JAYASHEELAN Mbl : 9845314013	
03	MANOU DAKSHATHA [HR - EVENT]	02 PERSONS	Dr. MANSUR BAIG Mob: 9900113220	
04	ARTHA KOVIDHA [FINANCE EVENT]	02 PERSONS	Prof. SHANKARE GOUDA Mbl: 9008538575	
05	JNANA KOVIDHA [BUSINESS QUIZ]	02 PERSONS	Prof. A. MAHESH SHARMA Mbl :8050622660	

### **REGISTRATION FEE:** Per Team ₹ 1000/-

#### **Rules for the event:**

- The number of participants allowed per team is 9 students accompanied by faculty.
- Only one team from a college
- Participants should bring college ID card and belongings like laptop and any other accessories.
- Last date of registration is March 10th 2017.
- Any misconduct during fest leads to disqualification.
  Participating team are required to report at the venue at 9:00am
- Accommodations for the out station participants will be provided.







## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ABHIVRUDHI MANAGEMENT FEST-2016

Ballari Institute of Technology andManagement organizes a flagship event Abhivrudhi Management Fest for Undergraduate students, this year it was organized on 11<sup>th</sup>& 12<sup>th</sup> of March 2016, with a theme "Jugaad" which highlighted range of skills in the area of management, where students from 13-degreecolleges in & around Bellary participated in various events namely,

- 1. Best Manager
- 2. Human Resource
- 3. Marketing
- 4. Finance
- 5. Ice Breaking
- 6. Entrepreneur Development
- 7. CSR
- 8. Business Quiz
- 9. Team Building
- 10. Cultural Event

The Participated Colleges list are given below:

- 1. ASM College for Women Ballari
- 2. Sri KolliNageshwarRao Gangaiah Govt First Grade CollegeGangavati
- 3. Sri Ramulu college Gangavathi
- 4. Indo-America Degree College Ballari
- 5. SGT Degree College, Ballari
- 6. SSA Govt First Grade Degree College, Ballari
- 7. Ballari Business College, Ballari
- 8. Shree MedhaDegree College, Ballari
- 9. Veerashaiva CollegeBallari
- 10. Sandur College
- 11. Nandi College, Ballari
- 12. VNC College, Hospet
- 13. DuddupudiDegree College for Womens, Sindhanur.



### **ABOUT BITM**

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The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organizational settings. The ideology of DMS is to develop facets of management through education, training, counseling and publications.

DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO 9001-2008 certified, CRISIL B-school 'KA B<sup>++--</sup> graded, we have been ranked 49th in Beyond II/NS B-school survey 2014 conducted by Higher Education Review. And our institution is NBA accredited.

### JUGAAD

Jugaad (alternatively Juggaar) is a colloquial Hindi and Punjabi word that can mean an innovative baging (inclusion) of the second of the source of the sour

The jugaad mindset is increasingly relevant for companies worldwide who are seeking to grow in an increasingly complex and resource-constrained business environment. Unlike traditional, structured innovation methods that rely on time-consuming and expensive R&D processes, the more fluid jugaad approach delivers speed, aglilly, and cost efficiencies. Jugaad is a "bottom up" innovation approach that provides organizations in both emerging and developed economies the key capabilities they need to succeed in a hypercompetitive and fast-moving world: frugality, inclusivity, collaboration, and adaptability.

"We hope this management fest Abhivrudhi 2016 lights a spark in each one of you to ideate, create and find innovative solutions to problems and challenges that face us." And thus started Jugaad...

SI.No.	EVENTS	COORDINATORS
01	VITT SANCHALAN (FINANCE )Two members make a team	Prof. SHANKARE GOUDA Mbl: 9008538575
02	PRAJA SANCHALAN (HR) Two members make a team	Prof. CRISMA RAJ Mbl:9900975747
03	VIKRAYAKALA (MARKETING) Two members make a team	Prof. JAYASHEELAN Mbl : 9845314013
04	CAKRAVARTIN (BEST MANAGER) one person	Prof. M. JAVED KALBURGI Mbl : 9900961873
05	<b>VYAAPAAR</b> प्रश्नोत्तरी (BUSINESS QUIZ) Two members make a team	Prof. MAHESH .A Mbl :8050622660
06	VYAVASAAYEE VIKAAS (ENTREPRENEUR DEVELOPMENT) Two members make a team	Prof. ANANTHNAG M S Mbl: 9886815003
07	KORPORET KEE SAAMAAJIK JIMMEDAAREE (CSR) Two members make a team	Prof. JANET JYOTHI D'SYUZ/ Mbl: 9845353293
08	गण NIRMANA (TEAM BUILDING)(any four members from the group)	Prof. DINESH K Mbl: 8152087770
09	PAYOHIMA NIGRAHA (ICE BREAKING) ( all the members of the team/ college participating) theme :jugaad	Prof. ANANTHNAG M S Mbl: 9886815003
10	SAANSKRTIK ANUVRITT (CULTURAL EVENT) ( any five members of the participating team)	Prof. M JAVED KALBURG Mbl: 9900961873

#### **Rules for the event:**

The number of participants allowed per team is 13 students accompanied by faculty.

- Only one team from a college.
  Participants should bring college ID card and belongings like laptop and any other accessories.
  Last date of registration is March 1st 2016.
- Any misconduct during fest leads to disqualification.
  Participating team are required to report the venue at 9:00am.
  Accommodations for the out station participation will be provided.

Event co-coordinator : Prof. M Javed Kalburgi Mobile no- 9900961873





## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT ABHIVRUDHI MANAGEMENT FEST-2015

Ballari Institute of Technology andManagement organizes a flagship event Abhivrudhi Management Fest for Undergraduate students, this year it was organized on 28<sup>th</sup>February 2015, with a theme "Colors of Management" which highlighted range of skills in the area of management, where students from 13-degreecolleges in & around Bellary participated in various events namely,

- 1. Best Manager
- 2. Human Resource
- 3. Marketing
- 4. Finance
- 5. Team Building
- 6. Business Quiz &
- 7. Entrepreneur

The Participated Colleges list are given below:

- 1. ASM College for Women Ballari
- 2. Sri Kolli Nageshwar Rao Gangaiah Govt First Grade College Gangavati
- 3. Sri Ramulu college Gangavathi
- 4. Indo-America Degree College Ballari
- 5. SGT Degree College, Ballari
- 6. SSA Govt First Grade Degree College, Ballari
- 7. Ballari Business College, Ballari
- 8. Shree Medha Degree College, Ballari
- 9. Veerashaiva College Ballari
- 10. Sandur College
- 11. Nandi College, Ballari
- 12. VNC College, Hospet
- 13. Duddupudi Degree College for Womens, Sindhanur.

### Rules

- The number of participant allowed are 15 students accompanied by faculty.
- Participant should bring college ID card and belonging like laptop any other accessories.
- Registration fees Rs. 1000/- per team.
- Last date for registration is 20th Feb. 2015.
- Any misconduct during fest leads to disqualification.
- Participating teams are required to report at the venue at 9.00 am for registration.





BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT "Jnana Gangotri" Campus, No.873/2, Bellary-Hospet Road, Allipur, Bellary-583 104, Karnataka State, India



### **ABOUT BITM**

Ballari Institute of Technology & Management was started under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997. The institution is recognized by Govt. of Karnataka, approved by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum. The institute is certified with ISO 9001:2008 in the year 2003 and accredited by National Board of Accreditation. BITM plays a vital role in crafting world class engineers and management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions.

### **ABOUT BITM-DMS**

The Department of Management Studies (DMS) was established in the year 2007. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organizational settings. The ideology of DMS is to develop facets of management through education, training, counseling and publications.

DMS conducts industry-oriented applied research in all functional areas of management such as Marketing, Finance, Human Resource Management, Retailing, Health, Safety and Environment. We offer MBA course, affiliated to 'VTU, Belgaum', Karnataka ISO 9001-2008 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 49th in Beyond IIM's B-school survey 2014 conducted by Higher Education Review. And our institution is NBA accredited.

### **Colors of Management**

This Festival is an Annual Intercollegiate fest for Commerce and Management Students which will be held on Saturday, 28th Feb 2015. Colors of management fest have passion energy emotion trust honesty enthusiasm to create balance and logical brain and creative ideas.

This fest is organized by Department of Management Studies, Ballari Institute of Technology & Management, Ballari to the students of B.Com and BBM to provide a platform to exhibit their talents in the field of various Managerial skills.

Event	No. of Participants	Color Association
Best Manager	01	Yellow (Logical Side of the Brain)
HR	02	Green (Balance People's Emotions)
Marketing	02	Red (Energy, Passion & Action)
Finance	02	Blue (Trust, Honesty & Dependability)
Entrepreneur	02	Orange (Inspires & Creates Enthusiasm)
Team Building	04	Indigo (Together Stimulates Creativity & Intuition)
Business Quiz	02	Violet (Reaction to More Creative Ideas)




### **BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT - BALLARI**

### **PROJECTS DEVELOPED IN MTLC LAB**

### LIFE SAVING ROBOTIC ARM by CSE DEPARTMENT



### Click for Video: <u>https://youtu.be/kru0\_fxFwB4</u>

### HUMANOID ROBOTIC EXAM INVIGILATOR



### Click for Video: <u>https://youtu.be/Z4QIOCDMncl</u>

### MTLC LAB:





### AADHAR ENABLE AUTONOMOUS CITY BUS



principal Ballari Institute of Technology & Management BELLARY

# Ballari Institute of Technology and Management, Ballari Student Development Program on Cloud Computing

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Slno	Name Of The Student	USN	Department	17/4	4/17	18/	4/17	19/4/17	7
				Μ	A	M	A	M	A
1	Shruthi D.G	3BRI4EC138	ECE	Shauthe	Sheutha	Shauffi	Shast	hardhing	Shrenthi
2	Pavani G	3BRIYECO99	BCE	Bourain	Genari	Gruani	Banani	Gavani	Reveni
3	K. VALSHNAVI	3BR1405056	CSE :	VED	VR	Vai	VQ	VQ	VGi
4	S. Meghana	3BRILLECILLO	EC.F-	chaef	-45-52	Stor	Steel	Here	CHER .
5	Rakshitha K.g	3BRIYIJO19	TSE	XA	The second	to.	Raco	TERO	RAD
6	Swathi Cop	3BRIYIS026	ISF	Quilig-	Quelle	and -	Salerico .	Quitwa	Dartino
7	Chocado Sabitya.M	30R1475022	ISE	Phity	Chity M	Chi typem	Chalyn	Bolita	Salitie
8	Gjøreeshma. K.	3BR14EC037	ECE.	Apecoline	Apaestino.	Ageetmo.	Apretima.	Apresturne "	Afreestino
9	Anipama. A.P	3BRIYECOOI	ECE	Anupana	Anypama	Inupane	Supane	Anupana	Anypano
10	geetia Sai J.	3BRIHEC036	ELE	Galgai	Gutaja	Godajai	Geologiai	Gutgar	(gettera
11	B. Lawon Jannar	SBRINGCOZY	EEE	Blavan	B-lavon	B. Cavan	Bilavan	B. Wan	B. Lavar
12	Marthala Naga Angale.	3BRILLECO84	ECE	Angalta	Aufalie	Aufalin	Aufale	Augali	Afalt
13	Shouthitt 1	3BRIYECOSO	ECE	Southij	Southi J	Spettis	Scettin	Gouthit	Shuthit
14	Steelatha NUB.	3BRUHECU44	ECG	Breelatting	Suloth	Stellatte	8 lette	sheelathe	Sulath
15	Soundarya.s	3BRILLECIUS	ECE	Sounder	Spande	Statton.	Clound	Storen De	Stoling
16	Shravya.M	3BRILICS 122	CSE	Chow your	thranger t	Shranger	Juaryan	guaryat	Gocyan
17	Shevarahjani. U.k	33-R14051191	ose	shake	Short H	Shirafata	Juvolaian.	This and	toward
18	Radhak	3BRILLS099	CSE	REDER	Rallate	Radhal	Rollak	Rolling	BILLEY
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# Attendance sheet

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Sino	Name Of The Student	USN	Department	17/4	1/17	18/4	/17	19/4	1/17
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20	Pasinths . L	3BRIGCS063	CSE	Ros.	Poso.	Poor.	page	Page-	Rung
21	Srg Valshnavi. 4	3BRILICS129	CSE	Vaishnau	Vaishnau	Jaishnou	Vaishnow	Valland	Dathalp
22	Koushik Ch	3BRILICSD61	CSE /	Kank	5 Bill	the toge	to the	bà chile	Rankt
23	G. RAMYA KRISHNAREDDY	3BRI4(SO40	CSE /	South	Rang	- XONY	Rup	Ranger	Kanp.
24	sahithya M	3BRI4IS022	-25 /	shi	Cali	Sali			
25	Diwakar Reddy M	3BR1465037	- CSE	Riv	Diverse	Awalm	Deloth	Rog	Payros
26	BAXUN KUMON	3BRIL CSO27	CSE.	Bother	(friday	/ Agues	Better	( Aug	Alle
27	Bala Rangameth - C	3BR 14- 75009	ISE.	Bale	Balaco	Bala e	Klig	- Balaco	( Delay)
28	N. Gimites	3BR14CS082	CSE	Cing	bie -	CADING	Guil	la jait	Gonia
29	Sagasin	3BRIACS 109	CSE	Splin	15gope	Sapar	SGOT	Segara"	Sagaring
30	UDAY SAI. P	3BR14CS090	CSG	Pulsi	P.Le=1	Printie	Pipiedt	P. LP22	V. Ydre
31	Madher. S	313R14C5068	CSE	Suall	J. uceda	2 mente	Horeeling	J. wells	J. auth
32	Rahul.Y	3BR15CSH22	CSE	Y. Rahus	J. Chahut	- Y. Mahul	Yokaly	Y Rahu	1. Rahal
33	Ameer Sohil=P.I	3BRIGECOIG	EEG	Astay	Asheil	Ashin	physical	for the	Jurgers
34	Anuderp. M.P	3BRILECO16	CEC	duy'	Aunde	Ander	Ander	and the	Any
35	Karthik-G.P	3BRILLECO61	ECE	thank	Karthe	Routher	Karthin	farther	four!
36	Sninam Sai	3BR14CS128	CSE.	Sim	Sam	Saphing	System	+ mp	Javi
37	Mahesh. G	3BRILECO31	ECE.	3.	E	Collang S	Gilliner	1000	Kulant
38	Gere Rai. P	3BR14CS042	CSE	Absi	I Abse	Absent	Absul	Gerobet	Pleidher
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# Student Development Program on Cloud Computing

Slno	Name Of The Student	USN	Department	20/4	4/17	21/4	4/17	22/4/17	
				M	A	M	A	М	A
1	Shouthi.J	30RIYECOSD	ECE	Southi	Southi	Shuttin,	Routh	Steethi	Deutli
2	Sere latha MB	3BRILLEC144	BCE.	Seelette	Sreelath	Suboth.	Seulathemp	Steelath	Seulath
3	Maeethala Naga Anfale.	3BRILL BCORH	GCE .	Aufalo	Aufale.	Aufalia	Anjalis	Autale	Augali
4	Anupama. A.P.	3BRIYECOOI	ECE	Anipama	Anupama	Anupama	Aupana	Anyama	Angance
5	Guerra Sai 1:	3BR14EC036	ECE	Gudajai	Guegas	Godelas	Gertera	Gutter	gertaila
6	Lavan B.	3BRIGECO24	ECE	Blowage	B-lavon	Boleway	B. Lowan	B. Lavon	B'Lauson
7	Bareelman K	3BRILEC037	ECE	Apostura .	Afreedina.	prestino	ABeestino".	freedine	Genergens
8	Swathi. C.P.	3BR1428026	ISE	St. p.a.	Stallin (	Shotty.	Sugt	Withi	Subeth
9	Babetya.M.	36RINJS022	ISE	Sahitys	Dolla	A.	Saluty	the sublice	as -
10	Rabehetha K.G	3:BK1438019	ISE	Red	Kalep	Bab "	as	RAND	+ Ens
11	Sagal.M	SBRIGESLOG	CSC	Scoli	Segur	Sgort	Cast	daten	Sycer
12	Shrangard.	BBRILLES122	CSE	Shringer	absavy2	19ayer	Shurth	Show	\$0045
13	Rabajk (	3BR1465099	CSF	Pallet	Rolling	Read	Radhait	Rollin	Keller
14	chivaianiani. U.K	38R1415119	CSE	Show	ALE	Rout	generate	Shap	Skales
15	Anium S	3BR14ECOIS	ECE	and.	and	any.	and	am	ame
16	Dougth1.1	3BR14(5063	CSE	Patr	Port	Paris	part	Paris	Thorn
17	G. Ramin kaishna	3BRILLCOULF	CSE	RADA	Ret	finder o	Firm?	fairest	Kont-
18	GIXILGI. P	3BR14CS042	CSE	100	Color	Otor	Caraf	Girlout	Contes

# Attendance sheet



Class	Name Of The Student	USN	Department	20/4	/17	21/4	/17	22/4	/17
21110	Name Of The Bruden	USIT		M	A	M	A	M	A
10	a. Nolling y	Sppiller 19 B	CSE	1/cabi	Vaish	A	Vaors	Valshu	Vistne
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21	anindanni c	20011ECIL	ECE	topos	-fail -	Saugs.	Cash	Song	Someryo
22	boulder chi	IIIrc Ba	ICE	Konswit	tent	Kent	tendo	Chiller	Fairfat
23	ROWSNYR.C.H	Onouse 11.	Are	an	D	(A)	der	Amen	APR A
24	Amen achil F.E	2Rangeorg	Dee	Elle	P. Maser	Ambe "	Piniott	Portation	Perlasa
25	Stouday Scy. P	DPDIAC COMT	COK	Aga	SAN	LADUZ	RADY	Aguz	here
20	16. Thur shumas	SBRACS201	I Ers	Shaul	Fail	Pars	1	forted	Ken
21	Kasthik G.P.	ZBRIUECOG	Doin	Rent	Rud	Rio	COD	Cost	au
28	Sai van Sei	3BRUCS BS	<u>CS-C</u>	1 mil	APAR	and	and	and	and
29	Anudeep MP	3BRIGEC014	te	AND	AL	math	- Melar	Nola	and
30	MAHESH.G	3BR14EC-031	ece	Many	N B. I	MOIN	V Bahul	VQN	VOI.
31	Bahul Y	3BR15 (SHRR	CSE	MiRahmy	Papan	St. Manus	Forcerus	- Jollan	1. Rahu
32	Madhin S	ZARILOS 068	CSE	2 mende	Sased	5 Julion	J.news	Mag	J. Mas.
33	Dingway Keddy M	Z13B14 CSO 37	CSE	Que	Duing	Devalle	Mulhas	Kym a	Aring
34	Khauth? D.G	3BRIVEC138	ECE	sherefti	Shouth	Thantler	Chaugh	Shuth	Shaw
35	Paulaurich	3BRIHEC099	ECE	Buren	Coner	Garani	Gasari	Javan	Harres
36	I avante of AVI	3 BR14 CSO 50	cse	VE	"VQ	Na	VQ	Veze.	Val
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- Comment

Student Development Program on Cloud Computing (Blue mix)

Batch - 2 Dated from: 11/5/17 to 20/5/17

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-				TO USA		11-5-1	7	12-5	-17	13-5	5-17	
	Slno	Name	USN	Sem	Branch	Mor A	ft	Mor	Aft	Mor	Aft	
de la companya	1	Veena A	3BR14EC175	6	ECE	Viend V	und	Veerd	June		-	e.
	1	Swetha lakshmi A	3BR14EC155	6	ECE	Swelly Su	vetta	Swetha	Suela	-		Ó
	2	Swetha Jachi	3BR14CS117	6	CSE	Shipe Sola Shi	10 m	Shipases	Analysi, du			0
	3	Shipa Joshi	3BR14CS008	6	CSE	and Q	w	Qu	-	6	1	0
	4	T Spinings	3BR14EC159	6	ECE	By P	Ri	Q-,	Quit .	104	624	
	5	D Dilean Boy	3BR14EC029	6	ECE	pm p	m	010-	Att A	91-	AA	
	6	D Dheep Roy	3BR14EC116	6	ECE	Roman B Ro	shimi.	Rashaz	ß		-	0
1	7	Rashim Danapura	3BR14EC100	6	ECE	KOOIN K	6.	The	TAMA	an	A	0
	8	Pavima n K	3BR14EC112	- 6	ECE	Bell (	eld	1022	- paro		105	-
	9-	Ragnavendra 5	3BR14EC056	6	ECE	Poote F	boja.	Pooja	Poop	10210	Pooles	
	10	K Pooja	2BP14EC052	6	ECE	stader 3	too .	Jadely	Itadel	Jadety	Jalut	-
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	12	Aishwarya Lakshmi C. v	3DR14EC117	6	ECE	Pro	Pa-	Also.	1A-	Renti	Kash	+
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	14	Srinivas Rao N	3BR14EC145	6	ECE	der e	AL P	april -	S. L	2	-0.	
	15	Sagar P	3BK14EC125	6	FCF	11600 1	Kin)	Des	King	TR	au	
	16	Syed Muddassir	3BR14EC130	6	FCF	lohow b	him	Glien	6 var	atresse	Eler	
	17	Sahana Sreekanth M	3BR14EC128	6	ECE	prize po	the	- 4000	1 Gue	The	top	7
	18	Sana Shaik	3BRI4ECI30	0	ECE	DA 1	DA	DA	10A	PF	PA	7
	19	Sai Frithvi Raj Roddy	3BR14EC129	0	I ECE	100 P	Ca Pin	LIMiDet	cibern	Googo	TRUM	
	20	P Deepak	3BR14EC094	0	FCC.	De pour	5400	Ru	Ru	RAL	tet	1
	21	Praneeth Kumar M	3BR146 095	0	CCE	1 UL	ite	- 42	-42	Her	14	-
	22	Hussain Hashmi	3BR14CS115	0	LOE	14- Marcol 41	Mul	Li que	Pla Vai	Les Stra	NY. Whend	1
	23	H Shreesha Bharadwaj	3BR14EC040	6	ECE	1 1000291	100000	21221802	2 Halper	alial/12/2	- Hallerge	-
	24	Shaik Hafeeza Banu	3BR14EC132	6	ECE	Talan	TOLO	1 Zalall	& Talsol	Tahee	Zalver	
	25	Shaik Mohammed Zaheer	3BR14EC133	6	ECE	Harrier 1	Talle	v TUIL	MARIE	a Arite	Apth	28
	26	Shaik Wasim Akthar	3BR14EC134	6	. ECE	HEW	111 MU	LI	Li	SEVE	Form	-
	27	Sanika B	3BR14EC131	6	ECE	- South	Abrus	F DU	n Que	à Patrick	Divers	Et.
5	28	Divva D	3BR14EC028	6	ECE	Augent	Value	1502	C W Joy	AN AND	Frak	7
~	29	Kanthipriya B	3BR14EC058	6	<u>ĘCE</u>	Tar	CO.	- ANY	- 10	- 8	120	-
	30	Hari Keerthana A	3BR14EC042	6	<u> </u>	8	101	N N S	al Alla	TACH	this	7
	31	Abinaiyya T	3BR14EC006	6	ECE	atoins	Alainon	- pauli	AU	1	1320	-
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	33	Kusuma Patil	3BR14EC067	6	ECE	10	DE	DZ	- D/-	- 1	Jan Jain	NZ-
	34	I Mounika	3BR14EC051	6	ECE	I.Mau	I. Hev	1100	- III	3 Juis	Simo	T
	35	Mohammed Naveed J	3BR14CS079	6	CSE	Think	Julas	DAN	TAR	Tents	DA	-
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	31	A Dozivo Sulthana	3BR14EC118	6	ECE	Rospys	Kage	13. Raz	\$ Rogy	S Marth		
	38	A Kaziya Sultilana	2BD14EC151	6	ECE	Auni	bri	+ lus	1 ASF	1		
	39	Sunitha G	3DR14EC131	0	FCF	0.00	0,0	In D.D	un Ont	3h		
	40	G Bhavitha	3BR14EC034	0	LCL	lybur	19M	4	the second	R		



Student Development Program on Cloud Computing (Blue mix)

Batch - 2 Dated from: 11/5/17 to 20/5/17

Slno	Name	USN	Sem	Branch	15-5-17	7	16-5	5-17	17	-5-17	
1			Sein	Dranen	Mor A	ft	Mor	Aft	Mor	Aft	
-1	Veena A	3BR14EC175	6	ECE	Verney Vo	ling	Viewel	Vead	and a		9
2	Swetna lakshmi A	3BR14EC155	6	ECE	Swella Su	etta	Swella	Suche	-		1
3	Shilpa Joshi	3BR14CS117	6	CSE	Shilp: This shill	中学	child y	Shiles	M	0	4
4	Ankitha P	3BR14CS008	6	CSE	der. A	il.	aw.	an	Ne	-Free	
5	T Srinivas	3BR14EC159	6	ECE	Whi to	Ley	(Au	Sert.	The	The second	1
6	D Dileep Roy	3BR14EC029	6	ECE	Ber F	4	- ALA	ARe!	Dir	Day	R
7	Rashmi Banapura	3BR14EC116	6	ECE	RoshierRos	has	Rochast	Right	Brightof	Richia	B.
8	Pavithra H K	3BR14EC100	6	ECE	lon ai	Fu	ANDIN	han	20708	KES.	T
9	Raghavendra S	3BR14EC112	6	ECE	Backer	Q	Rio-	6601	Rup	reas	-
10	K Pooja	3BR14EC056	6	ECE	POTE PIN	ios	Poole.	Poots	Poon.	0/1	a.
11	Jagadeshwari N	3BR14EC052	6	ECE	Jalen Ja	Lihan	Inder	Johan	Tab	I	
12	Aishwarya Lakshmi C V	3BR14EC011	6	ECE	Ashumer Ash	Dest	Artion	Adaugh	Auguory	Areinos	1
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15	Sagar P	3BR14EC125	6	ECE	TFA	JE	Ar	At to	app	ACC.	1 2
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17	Sahana Sreekanth M	3BR14EC128	6	ECE	Cheve John	ane	taken	aland	1 1950	Kalien	1
18	Sana Shaikh	3BR14EC130	6	ECE	fave to	no	formen	Farel	Kane	Flue	1
19	Sai Prithvi Raj Reddy	3BR14EC129	6	ECE	PAD	A	PA,	DA	PA	CA-	1
20	P Deepak	3BR14EC094	6	ECE	august Faith	10	mond	CODD	and-	apil	L
21	Praneeth Kumar M	3BR14EC095	6	ECE	RUS R.	~	Din	211	Dir	Partice	
22	Hussain Hashmi	3BR14CS115	6	CSE	it it	2	itta	14-1	TA	in	
23	H Shreesha Bharadwaj	3BR14EC040	6	ECE	Ha Chun to the		A. Mul	1 Ken	N. M.	1111	
24	Shaik Hafeeza Banu	3BR14EC132	6	ECE	Malectriale	neze .	10/0820	ridealy 1	1 person	H-ML	-
25	Shaik Mohammed Zaheer	3BR14EC133	6	ECE	Folger 2al	001	Inhead	POLADER	21.001	Zalsod	
26	Shaik Wasim Akthar	3BR14EC134	6	ECE	PAI GL	in	ALIN	Pichen	ANI 00	and the second	Lat
27	Sanika B	3BR14EC131	6	ECE	12 221	3	20.0	1.10	1 dl B	A HE OTHER	AR
28	Divya D	3BR14EC028	6	ECE	MULTINO DOM	in	Audi D	Burn D	Dr.D.		
29	Kanthipriya B	3BR14EC058	6	ECE	PTU ATT	E	JALUS 1	Value	0.0		1
30	Hari Keerthana A	3BR14EC042	6	ECE	TA ST		NA I		Real Contraction	1-	4
31	Abinaiyya T	3BR14EC006	6	ECE	ARANA INC.	at	Minerop	Thing			
32	K M Aishwarya	3BR14EC055	6	ECE	ALOC' THE	L	Alch	Ainhi			
33	Kusuma Patil	3BR14EC067	6	ECE	The R	5	16.84	VDE	XPZ	JAR /	5
34	J Mounika	3BR14EC051	6	ECE	MAN TH	CT AL	DA	36	n Juni	MARIN	10
35	Mohammed Naveed J	3BR14CS079	6	CSE	M. P. Marker	NAL	ALLA .	1.MO	MAR	)-maria	2
36	B M Aashva	3BR14CS026	6	CSE	20 20	AL .	No.	12-1	mer	James -	ĩ
37	V Divva Charitha	3BR14CS146	6	CSE	and a cl	991	Ou and	AMAR	Dear	glass	4
20	A Raziva Sulthana	2DD1/100110	0	EOD	Challa	2	chair (	4090	cha-	Chan	c
30	Semith C	SDR14EC118	6	ECE	Kazuja kazi	42	Kazzys	Kaguya			6
39	Sunitha G	3BRI4EC151	6	ECE	Kust Au	2	Sme 6	Saar			Ó
40	G Bhavitha	3BR14EC034	6	ECE	PIQUE PAR	BII	HBIL	1Abril	200.	O. Qu	
41	Ayesha Tasneen	3BR14CS016	6	- J2D	Jours To	2	for I	1 -	am	Jour -	7



# Student Development Program on Cloud Computing (Blue mix)

Batch - 2 Dated from: 11/5/17 to 20/5/17

					18-5-17	19-5	-17	20-	5-17
Sino	Name	USN	Sem	Branch	Mor Aft	Mor	Aft	Mor	Afi
	Manna	3BR14EC175	6	ECE	Viewer Viewer	Veeros	C. No		-
	Veena A	3BR14EC155	6	ECE	Guetta Suche	Suetta	Sue a	-	
	Swetna laksiinii A	3BR14CS117	6	CSE	shalle dishille	MSWI UP . SA	L'IMAN DE	-	-
	Shilpa Joshi	3BR14CS008	6	CSE	du du	BW	1911		
	Ankitha P	3BR14EC159	6	ECE	Di Di	1 DE	Reg.		
;	T Srinivas	3BR14EC029	6	ECE	LANA De	- Att	Holder.		
5	D Dileep Roy	3DR14EC025	6	ECE	PrethosisRospos	A Hostopia	ß		-
7	Rashmi Banapura	3DR14EC100	6	ECE	Bor Mail	16P			
3	Pavithra H K	2DD14EC112	-6	ECE	Delo-1400	Red			
)	Raghavendra S	-3BR14EC056	6	ECE	Pacis Poet	1000	Projo		
10	K Pooja	3BR14EC030	6	ECE a	Eliter Jalet	- Jalety	1 dub	*	
11	Jagadeshwari N	3BR14EC032	6	FCE A	ishing Aiswa	# Aishuro	* Arshall	3	
12	Aishwarya Lakshmi C V	3BR14EC011	6	FCF	Partin Rope	-Pole	- Kofi		
13	R Rashmi	3BR14ECT17	6	FCF	The St.	- Sn	A	d .	
14	Srinivas Rao N	3BR14EC145	0	ECE	X		10T		
15	Sagar P	3BR14EC125	0	ECE	10 hard Char	to all	Ne	-	
16	Sved Muddassir	3BR14EC156	0	ECE	Talama e all	na Paluen	m Jasly m	0	
17	Sahana Sreekanth M	3BR14EC128	6	I ECE	than the	a hin	Cone		
10	Sana Shaik	3BR14EC130	6	ECE	PAD	E	12A	-	
10	Sai Prithvi Rai Reddy	3BR14EC129	6	ECE	13-4 42	0 0.00	0.06	2	
20	P Deenak	3BR14EC094	6	ECE ·	Pitching Anton	2 231	ADIA	-	
20	Preneeth Kumar M	3BR1465095	6	EGE	De de	- VII-	-1112		
21	Hussein Hashmi	3BR14CS115	6	CSE	1200	A. h. Mar	1 41 1	trut	
22	H Shreesha Bharadwai	3BR14EC040	6	ECE	Willing H. M.	10 p.100	No wale	120	
23	Chail: Hafeeza Banu	3BR14EC132	6	ECE	Balcos Hall	Sparte	5 Hals	01	
24	Shaik Mohammed Zaheer	3BR14EC133	6	ECE	Zahill zah	the Harry	a fan	en	
25	Shalk Wonannied Zuneer	3BR14EC134	6	ECE	nappinatura	MAN PARTY	the second	4m	
26	Shalk washin Aktilar	3BR14EC131	6	ECE	51951	2 PP	ART	all a	
27	Sanika B	3BR14EC028	6	ECE	Any Lev	H CH	- p		
28	Divya D	3BR14EC058	6	ECE	ALL ALL	Fat	4 49	H Pre	
29	Kanthipriya B	3BR14EC042	6	ECE	A A	· SA			
30	Hari Keerthana A	3BR14EC006	6	ECE	dune tu	ns Ala	Abi	m i	
31	Abinaiyya I	3BR14EC055	6	ECE	ATS-ATS	1- Abst	二十	5	
32	K M Aishwarya	3BR14EC067	6	ECE	15 B	1. 5		2	
33	Kusuma Patil	2DD14EC051	6	ECE	T.N.S. M. I.M.	RUNA DU	Dun I-NJ	Met -	
34	J Mounika	2DD14CS079	6	CSE	Town for	ATT	ATH	>	
35	Mohammed Naveed J	2DD14CS075	6	CSE	App too	N da	up da	tu	
36	B M Aashya	3BK14CS020		CSE	Cligen Cli	v Cl	ion cl	84	
37	V Divya Charitha	3BR14CS140	0	ECE		P	2702 80	Port.	
38	A Raziya Sulthana	3BR14EC118	6	ECE	0 1 0	the of	200 0.	N.	
30	Sunitha G	3BR14EC151	(	ECE	Ollo di	00 00	01.00	StanD. 1	21.
10	G Bhavitha	3BR14EC034	(	5 ECE	epolary.	Bacu y	swigh	mal	me
40	Ayesha Tasneem	3BRILICSOL6	; 6	cse	them the		e de	92 (J	



## Student Development Program on Mobility (Work Light)

## Batch - 1 Dated from: 23/9/17 to 28/9/17

Sino	USN	Nama	Som	Bronch	23-	9-17	25-9	)-17	26-	9-17
51110	USIN	Ivanic	Sem	Dranch	Mor	Aft	Mor	Aft	Mor	Aft
1	14ETCS002035	Skanda Kumar B	5	CSE	P	P	P	P	Sto-	80-
2	3BR14CS085	Neelam Vishal Vivek	5	CSE	P	P	P	P	Aluled	Hugh
3	3BR14CS158	Kyatham Nikhil	5	CSE	P	AP	P	R	AT A	NO.
4	3BR15CS012	Akhil R	5	CSE	P	P	P	P	6860	dian-
5	3BR15CS030	Chinmayi A	5	CSE	P	P	P	P	That	TOP
6	3BR15CS041	Ganesh D	5	CSE	P.	P	P	P	Va	WAR.
7	3BR15CS045	Gururaj Rohit Sai K	5	CSE	P	P	P	P	Gi	Gi
8	3BR15CS048	Harika K	5	CSE	P	P	P	P	ALLE	FARE
9	3BR15CS060	Karnam Srisha	5	CSE	P	P	P	P	Kisn	K. Sni
10	3BR15CS062	Karthik B N	5	CSE	P	P	P	P	Kant	Kan
11	3BR15CS065	Kavya T	. 5	CSE	P	P	P	P	Kon23	Valigi
12	3BR15CS067	KeerthanaS	5	CSE	P	P	P	P.	(100)	he
13	3BR15CS068	K M Ankitha	5	CSE	P	P	P	P	A.	The
14	3BR15CS075	Lohith K	5	CSE	P	'P	P	P	DEPAR	KA.H
15	3BR15CS077	M S Shubham	5	CSE	P	P	P	P	Alli	ALL!
16	3BR15CS078	M V Sagar	5	CSE	P	P	P	P	Good	Charl
17	3BR15CS081	Machani Sriharsha	5	CSE	P	P	P	P	hat	Suff.
18	3BR15CS086	Matasugur Nivedita	5	CSE ~~	P	P	P	P	Ariba 1	Pal
19	3BR15CS087	Meenakshidevi V P	5	CSE	P	P	P	P	nund	man
20	3BR15CS089	Meghana Akki	5	CSE	P	P	P	P.		1
21	3BR15CS119	Prashanth Kumar R S	5	CSE	P	P	P	P	Kicky	Petertet
22	3BR15CS136	Sagar P	5	CSE	P	P	P	P	Sign	Sagn
23	3BR15CS137	Sagrika K	5	CSE	P	P	·P	P	Sagala	Correstor
24	3BR15CS143	Sameer Datt H K	5	CSE	P	P	P	P	abot	a set
25	3BR15CS146	Saraswathi Y	5	CSE ,	P	P	P	P	Darfit	Bard?
.26	3BR15CS162	Srikanth B	5	. CSE .	P	P	P	P	Carl.	One Pro.
27	3BR16CS402	Kavya G R	5	CSE	'P	P	'P	P	Ku	ROM
28	3BR16CS403	Krupanand L	5	CSE	P	P	Þ	P	1.Usr	INue
29	3BR16CS407	Murali G	5	CSE	P	P	8	P	Miby	Adr
30	3BR16CS409	Rani Victoria	5	CSE	þ	P	p	p.	Val	Patt
31	3BR17CS408	Lohith P S	3	CSE	P	P	P	P	asis	88104



Student Development Program on Mobility (Work Light)

Batch - 1 Dated from: 23/9/17 to 28/9/17

01	TICNI	Name	Com	Dranah	27-9	9-17	28-9	-17
Sino	USN	IName	Sem	Drancu	Mor	Aft	Mor	Aft
1	14ETCS002035	Skanda Kumar B	5	CSE	F31A			
2	3BR14CS085	Neelam Vishal Vivek	5	CSE	Ande	, ISCOLAR		
3	3BR14CS158	Kyatham Nikhil	5	CSE	12	5		
4	3BR15CS012	Akhil R	5	CSE	and	atteres.		
5	3BR15CS030	Chinmayi A	5	CSE	AS-			
6	3BR15CS041	Ganesh D	5	CSE	Witz.			
7	3BR15CS045	Gururaj Rohit Sai K	5	CSE	61			
8	3BR15CS048	Harika K	5	CSE	まして			
9	3BR15CS060	Karnam Srisha	5	CSE	Kisn	K.Smile		
10	3BR15CS062	Karthik B N	5	CSE	Cart			
11	3BR15CS065	Kavya T	5	CSE	Kenye.T			
12	3BR15CS067	KeerthanaS	5	CSE	Kall			
13	3BR15CS068	K M Ankitha	5	CSE	Knot,		Sisters!	
14	3BR15CS075	Lohith K	5	CSE	theliate			
15	3BR15CS077	M S Shubham	5	CSE	Sub			
16	3BR15CS078	M V Sagar	5	CSE	son)			
17	3BR15CS081	Machani Sriharsha	5	CSE	the.			15
18	3BR15CS086	Matasugur Nivedita	5	CSE	Robin			
19	3BR15CS087	Meenakshidevi V P	5	CSE	Anno.	-		
20	3BR15CS089	Meghana Akki	5	CSE	At			
21	3BR15CS119	Prashanth Kumar R S	5	CSE	下。力臣	-		
22	3BR15CS136	Sagar P	5	CSE	Sugar	1		
23	3BR15CS137	Sagrika K	5	CSE	Sogailer		Ale and	
24	3BR15CS143	Sameer Datt H K	5	CSE	aguest			
25	3BR15CS146	Saraswathi Y	5	CSE	Datas			
26	3BR15CS162	Srikanth B	5	CSE	Lielle		jelan and	
27	3BR16CS402	Kavya G R	5	CSE	Kenter	- And Anna		
28	3BR16CS403	Krupanand L	5	CSE	West			
29	3BR16CS407	Murali G	5	CSE	Malik	-		
30	3BR16CS409	Rani Victoria	5	CSE	Rat	-		
31		Lohith P S	3	CSE	Pollow	2		



Student Development Program on Mobility (Work Light)

Batch - 1 Dated from: 23/9/17 to 04/10/17(6 Days)

A	-	t	t	e	r	10	1	a	n	C	e	L	a suma	S	t
of the local division of the local divisione		1000	-	Contract of the	and some	The same of	Contraction of the local division of the loc	State of the local division of the local div	and the second	of the local division in which the	The other days	of the local division of the local divisiono	Concession of the local division of the loca	2000 00	the second se

Sino	UCN	Nama	Sam	Dranah	27-9	-17	3-10	-17	4-1	0-17
51110	USIX	ivaine	Sem	Dranch	Mor	Aft	Mor-	Aft	Mør	Aft
1	14ETCS002035	Skanda Kumar B	5	CSE	(SBID)	(SBIP	GAH	SBH	SBR	\$BAL
2	3BR14CS085	Neelam Vishal Vivek	5	CSE		Yee				12
3	3BR14CS158	Kyatham Nikhil	5	CSE	total	With	MAX	AND	ANDA	NOX
4	3BR15CS012	Akhil R	5	CSE (	due	9 they	AND	July-	1000	Cher.
5	3BR15CS030	Chinmayi A	5	CSE \	AN I	ABI	Tor	R	AR-	NAS-
6	3BR15CS041	Ganesh D	5	CSE	12	VA	1.1	Mr.	Usi	LUXF.
7	3BR15CS045	Gururaj Rohit Sai K	5	CSE	Gi	a	E	in	64	1
8	3BR15CS048	Harika K	5	CSE	the	that	that!	A-Jest	RE	CAR'
9	3BR15CS060	Karnam Srisha	5	CSE	K. Smil	KSON	12-8ml	1. 6%	K.50	K.505
10	3BR15CS062	Karthik B N	5	CSE	Kas	raut	Kawlo	laws	paire	teus
11	3BR15CS065	Kavya T	5	CSE	Kanya.T	Kanyant	torya. Is	Karre I	Korya.T	Kowkit
12	3BR15CS067	KeerthanaS	5	CSE	-Kail	to	Re	100	ter,	Par
13	3BR15CS068	K M Ankitha	5	CSE	A	A	18	R.	alt	70
14	3BR15CS075	Lohith K	5.	CSE	Kelith	( ledutt	Bald	( alila	low	Kelitt
15	3BR15CS077	M S Shubham	5	CSE (	this &	ub.	Biti	Julo	Sul	string
16	3BR15CS078	M V Sagar	5	CSE	Sagan	sages	saged	Jugal	sagal	SAR
17	3BR15CS081	Machani Sriharsha	5	CSE	10-	8	-X	- Di	19	Kit
18	3BR15CS086	Matasugur Nivedita	5	CSE	Rolle	Rab	RAPE	Hald	Plato	listed
19	3BR15CS087	Meenakshidevi V P	5	CSE	ampa	Dep	dep1	Julu	Kabl	anto
20	3BR15CS089	Meghana Akki	5	CSE	A	T	-	apr	A	AT
21	3BR15CS119	Prashanth Kumar R S	5	CSE	KO T	X for	KAD	THE	Kax	一下东
22	3BR15CS136	Sagar P	5	CSE	Sacros	Serger	Saep	Sarah	sorad	Sagaf
23	3BR15CS137	Sagrika K	5	CSE	Sagaeta	So gales	Sagarile	Cogosile	Segurile	Jogosika
24	3BR15CS143	Sameer Datt H K	5	CSE	Dur I	auget !!	8. Jul	alist	asott	about
25	3BR15CS146	Saraswathi Y	5	CSE	Dorgh	Pasta	Raph	Bostail	Barps	Base
26	3BR15CS162	Srikanth B		CSE	Rohple	Sett.	pC. H.	S.l.	Coth.	Palle
27	3BR16CS402	Kavya G R	5	CSE	42	12	162	P	B	R
28	3BR16CS403	Krupanand L	5	CSE	Liller	1.ly	Lilla	Tilly	Isly	1.lu
29	3BR16CS407	Murali G	5	CSE	Mal:4	Adel	Philip	Bride	the to	That.
30	3BR16CS409	Rani Victoria	5	CSE	Kat	Rat	Kat	Tal	Kat	TAL
31		Lohith P S	3	CSE	0112	ALLO	PSILE	4120	4120	det.



# Ballari Institute of Technology & Management, Ballari Student Development Program on Cloud Computing (Bluemix) Batch – 3 Dated from: 26/10/17 to 31/10/17(6 Days)

Attend	ance	List
Supportant and the formation of an Automation and	NAME OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.	State of the local division of the local div

Cino	LIEN	Nama	Sam	Branch	26-1	0-17	27-1	0-17	28-3	10-17	
51110	USIN	Ivaine	Sem	Dianch	Mor	Aft	Mor	Aft	Mor	Aft	
1	3BR15CS009	Aishwarya R	5	CSE	Alshert	Alinest	Austry	edialis	+ Alishy	Egunderiko.	t
2	3BR15CS054	K Soumyasree	5	CSE	KS	· KA:	1XA	Yok-	165	VA	-
3	3BR15CS029	Chandana B C	5	CSE	cha	CK-	id	66-	- Cb-	-Cb-	-
4	3BR15CS028	Chaitra Lakshmi Krihsna	5	CSE	Charles .	clast	Chaf-	Clof	chost-	Clock	-
5	3BR14CS060	K P Gayathri	5	CSE	Gay	Coved =	Lacet-	yach.	Goed-	Carli	
6	3BR14CS044	G Anusha	5	CSE	Gano	Cardino	otra	CAR2	appe	kape	
7	3BR15CS173	Thammineni Chandrika	5	CȘE	TO	TE	EC.	TE	TE	TE	
8	3BR15CS032	Dharani G	5	CSE	Maraville	Downant	Diararil	Waranis	Tharait	Houseni, h	
9	3BR15CS148	Shailaja K	5	CSE a	shailit.	specifier	shailgu	shailest	should ft	shailoje	r
10	3BR15CS138	T Sahana Chowdary	5	CSE	Calged	Bahar	Salas?	False?	Echere	fabrano	
11	3BR15CS179	Yenakandla Vaishnavi	5	CSE	AND!	ATT )	Cheel	SALL)	AND	24	-
12	3BR15CS097	N Rakshita	5	CSE	Restrict	Rivervit	Fortuger	felalite	Russhit	Robeh 15:	
13	3BR15CS123	Ragini	5	CSE	Rougini	Rang=	Pergi	Poghi	Ragin	Rangt	
14	3BR15CS055	K Sri Divya	5	CSE	Reddy	Bliddy	Deiddy	Reddy	Bliddy	Bleddy	
15	3BR15CS432	Tejaswini G	7	CSE	Tett	Texe:	TEN-	Cept)	(Euro)	tope	
16	3BR15CS406	B Krishna Kumar	7	CSE	Wal	Lind	Kril	16 21	Karl	Kirl	
17	3BR15CS415	Manasa M	7	CSE	Mari	Marie	Ham	North	Marti	Haus	
18	3BR15EC024	Dharani Kumar A	5	ECE	ens	80-7	an	an	en	en	
19	3BR15EC017	Bharath Kumar M	5	ECE	the le	the	Rela	Rile	Ble	Carl	
20	3BR15EC131	Umamaheshwar K	5	ECE (	Jong 1	Jung	Usis 1	lan	1021	Ver	
21	3BR15EC025	Dharma Sai M	5	ECE	(Duran)	Ohow	dere	Dhan	Quan	Dw	ł
22	3BR15EC087	Preethi J	5	ECE	Kith	har	phi	fitio	Puto	fi	
23	3BR15EC144	Shaiba Roohi	5	ECE	Spel	Sof	OS	Sol 1	sy	Best	
24	3BR15EC057	M Harika	5	ECE (	Der	Dan	Que	a	Oerer.	Bur	
25	3BR15EC092	Rachana B	5	ECE	Bur	hads	- less	Rey	ship	pre	
26	3BR16EC435	R Sameeksha	5	ECE	Lour	Bann	Som.	Sam.	Sam.	Sam	
27	3BR16EC444	Shilpa K	5	ECE	Sheeper	Shepe	Sholu	Shelf4	Shopm	Sheepk	
28	3BR16EC404	Arpitha K	5	ECE	Astitud	althat	Bilithat	Getty	ability	Depillia	K
29	3BR16EC438	S Swathi	5	ECE	5 Swati	3. Swati	8 Swati	& Swate	8. Swath	1 Swati	
30	3BR15EC043	Jnaneswari I C	5	ECE	Thanel	Inougene	trail -	trang-	Frank 3	FaniCI	
31	3BR15EC010	Akhila B M	5	ECE	4200	the	A.	Bet.	AL.	Bay	
32	3BR15EC030	G.Swathi	5	ECE	GRoot	Corent	ares	600	Cargor	average	ſ
33	3BR16EC430	Muktha B E	5	ECE	MURIC	minute	Mortha	Mutallo	MUKIES	nukths	-
34	3BR16EC424	Khaja Bani	5	ECE -	A.	ylu	The-	Kho	Vilne	Mar	
35	3BR16EC409	Chaitra B	5	ECE	dinter	drate	dante	dials	trate	duly	
36	3BR15EC084	Prathibha G B	5	ECE	Rollette	Pathibles	Profitight	Ballibh	Proflitte	Psellible.	
37	3BR15EC078	P Shameem Begum	5	ECE	Shane	Shami	Shar	sharing	show	Bhan.	
38	3BR15EC134	Venkata Anusha C H	5	ECE	dun	And	- Anus	And	Any	Ang	
39	3BR15EC004	Abhishek B	5	ECE	dida	della	Alter	da	Ath	dan-	
40	3BR15EC077	P H Raghavendra Reddy	5	ECE	Pes	190	les	Ret	res	lest	-
41	3BR15EC009	Akhila B	5	ECE							
42	3BR15EC147	Raju VT	5	ECE		and in		EL II	61		
12	ODD4FECO4(	D V Dhanath	5	ECE	Benath	( Babath (	Babath	(Repath	Bahath	(perfath	1

47	SDVIJPCOIO	DADIalati			123	- F		int	1957	1000	-
44	3BR15EC146	Gunda Sreedhar	5	ECE	Sped	Sule	Slik	lug	Sldet	Stlis	
	00112020210				100		2	2		2,	

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# Ballari Institute of Technology & Management, Ballari Student Development Program on Cloud Computing (Bluemix) Batch - 3 Dated from: 26/10/17 to 31/10/17(6 Days)

Cino	USN	Nama	Som	Branch	29-1	0-17	30-10	0-17	31-1	10-17
SILO	USIN	Ivame	Sem	Dranch	Mor	Aft	Mor	Aft	Mor	Aft
1 3	3BR15CS009	Aishwarya R	5	CSE	Aller	Wishing	allshing	Alley	dishury	Ellesp
2 3	3BR15CS054	K Soumyasree	5	CSE	K.D.	Kes.	KA'	V.D.	RAN	Y-A:
3 3	3BR15CS029	Chandana B C	5	CSE	Cha	Char	Cla	- Cl	cle	Cle
4 3	3BR15CS028	Chaitra Lakshmi Krihsna	5	CSE	hatta	aldr.	Charthe	date	that	der
5 3	3BR14CS060	K P Gayathri	5	CSE	Gaydi	Crayd	Card:	Gaydi	Gadi	Coul
6 3	3BR14CS044	G Anusha	5	CSE	wan	GERICO,	ada	GAD	Ent	CAD-
7 3	3BR15CS173	Thammineni Chandrika	5	CSE ·	Thalk	10-	T.Ce	H	The	The
8 . 3	3BR15CS032	Dharani G	5	CSE	(Diarani)	Darsemile (	(Darani.h	Historonich	Charavit	Adaranin
9 3	3BR15CS148	Shailaja K	5	CSE	shailor	Shailojoe	shailagat	shoolgist	shailig	shalleyar
10 3	3BR15CS138	T Sahana Chowdary	5	CSE	0	0		0.	0	0
11 3	3BR15CS179	Yenakandla Vaishnavi	5	CSE	NHA)	E	SAL	AST	ant	Auro
12 3	3BR15CS097	N Rakshita	5	CSE	Pakut	Rakete	Reuss	Roberts	Robite	Rabely .
13 3	3BR15CS123	Ragini	5	CSE	Renain	Rengin	Raugei	12agi	Reight	Rogin
14 3	3BR15CS055	K Sri Divya	5	CSE	Reddy	Bliddy	Bliddy	Phildy	Audy	Alday
15 3	3BR15CS432	Tejaswini G	7	CSE	teny	Etopel,	topul,	(Top)	(Fet)	FELL
16 3	3BR15CS406	B Krishna Kumar	7	CSE	Kail	Kil	Kil	Kit	Kil	Kil
17 3	3BR15CS415	Manasa M	7	CSE	Marie	Marie	Mary	Maly	Male	Make
18 3	BR15EC024	Dharani Kumar A	5	ECE	Das	pins	DO	the	Dam	An
19 3	BR15EC017	Bharath Kumar M	5	ECE	K-Kn	the	tala	The	Her	184pin
20 3	BR15EC131	Umamaheshwar K	5	ECE 1	Junti	Tweet	Tipit	Dimit	Just	June
21 3	BR15EC025	Dharma Sai M	5	ECE	A.	the	12 mar	th	Do	Pha
22 3	BR15EC087	Preethi J	5	ECE	PHI	Ral	Pr	pry	8.8	RA
23 3	3BR15EC144	Shaiba Roohi	5	ECE	gha	Sh	Su	80	52	3-
24 3	BR15EC057	M Harika	5	ECE	WE	and	-R	10	Mak	there
25 3	BR15EC092	Rachana B	5	ECE (	DI	R	Pan	Pa	-JB	Barl
26 3	3BR16EC435	R Sameeksha	5	ECE	ROYAN	Sam	Sam	for	Sam	Som
27 3	3BR16EC444	Shilpa K	5	ECE	Sheeph	Shepe	Shap	Ship	Short	Sheyk
28 3	3BR16EC404	Arpitha K	5	ECE	Atthat	Doittithe	Abellitent	Atthe	Rittat	ability to
29 3	3BR16EC438	S Swathi	5	ECE	S. Swati	S. Severite	3. Suriti	Salint	S.Suati	S-Sonti
30 3	3BR15EC043	Jnaneswari I C	5	ECE -	Frager	Trapen	TRACE	Trange	Traveeu.	Troggers
31 3	BR15EC010	Akhila B M	5	ECE	1984	AR	-AA	AR	A	Okt-
32 3	BR15EC030	G.Swathi	5	ECE	geory	Calin	Crain	GRA	and	and
33 3	3BR16EC430	Muktha B E	5	ECE	MUKHA	Mintella	MUBHO	Nutito	UMBHQ.	Mishtha
34 3	3BR16EC424	Khaja Bani	5	ECE	the	She	Sher	the	Alle	de
35	3BR16EC409	Chaitra B	5	ECE	late	laster	11000	tales	loale	thest
36	3BR15EC084	Prathibha G B	5	ECE	Rottible	Daathille	Osettible	Plaffibb	pallible	Bellitte
37	3BR15EC078	P Shameem Begum	5	ECE	Shari	Shani	Chari	RINON	evon	even
38	3BR15EC134	Venkata Anusha C H	5	ECE	And	Anel	Derko	Shel	dust	stud
39 3	3BR15EC004	Abhishek B	5	ECE 🧹	Alt-	Alto	MA	ALA	AHF.	AN
40 5	3BR15EC077	P H Raghavendra Reddy	5	ECE	1900	-Net	Next	Tes	for	Ray
41 3	3BR15EC009	Akhila B	5	ECE	10			10	1.0	-
42	3BR15EC147	Raju VT	5	ECE ·	Rame	Ban	Raine	Pare	242	Razine
43	3BR15EC016	B K Bharath	5	ECE	Rebath	Clebath	Chafath	tobth	Bolath	( Freinth
					Contraction of the second seco	Contraction of the second seco	Ch .	5711	(SA	DIST



# 2014-15 2018-19

## NSTITUTE OF TECHNOLOGY & MANAGEMENT

Jnana Gangotri Campus No. 873/2, Bellary-Hospet Road, Allipur, Bellary-583104





# Infosys Campus Connect Training Details

Branch	Year	Year Number of Students Trained			
		Foundation Prog	ram	Soft Skil	ls Program
		No. of students trained	No. of students certified	No. of students trained	No. of students certified
COMPUTER SCIENCE	2018-19	-	-	129	111
& ENGINEERING	2017-18	91	81		
	2016-17	70	53		-
	2015-16	64	50		-
	2014-15	-		-	
-ELECTRONICS	2018-19	-	-	126	108
&COMMUNICATION	2017-18	-	-	-	-
ENGINEERING	2016-17	79	68	asise-	-
	2015-16	27	26	David Strength	-
	2014-15	2	Company - No. Com	In Constant Select	-
MECHANICAL	2018-19		-	135	92
ENGINEERING	2017-18	-	-	-	-
	2016-17	-	-	-	-
	2015-16	1	1 .	-	-
	2014-15	-	-	-	
ELECTRICAL &	2018-19	-		91	83
ELECTRONICS	2017-18			-	-
ENGINEERING	2016-17			-	
	2015-16	3	3	- 12	-
	2014-15			-	-
CIVIL ENGINEERING	2018-19	-		42	36
	2017-18	-	-	-	-
	2016-17	-			-
	2015-16	-	-	-	-
	2014-15				-
INFORMATION	2018-19				
SCIENCE &	2017-18				
ENGINEERING	2016-17	17	15		-
	2015-16	36	26		
	2014-15				
MCA	2018-19				
	2017-18				
	2016-17				
	2015-16	19	16		
	2014-15				

Mr. Dadapeer Asst. Prof, Dept of CSE, [Infosys Campus Connect SPoC]

YEAR	Foundat	ion Program	Soft Skills Program			
	Number of Students Trained	Number of Students Certified	Number of Students Trained	Number of Students Certified		
2018-19			523	431		
2017-18	91	81				
2016-17	166	136				
2015-16	150	137				
2014-15						

Mr. Dadapeer Asst. Prof, Dept of CSE, [Infosys Campus Connect SPoC]



## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEEMENT, BELLARY

2018-19

Sel4-

1.1.2

Department of Computer Science & Engineering

Wipro Mission10X MTLC Lab Project Batch List 2014-2015

SI. No.	Batch Number	USN	Name of the Student	Guide Name	Project Title
1.			Baakhira Sultana		A Graphical Password
2.	Batch1	3BR11CS014	Ashwani G.S	Prof. Phani Ram Prasad	Authentication System
3.	27-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	3BR11EE056	Vipul chandraker		
4.	Batch2		Divya E		Dynamic Street Light Control
5.		3BR11CS071	Rayath bharadwaj "	Prof. Vishnukanth Karva	System
6.		3BR11EE008	G. V. Anush		
7.			Sujani K		Hospital Management System
. 8.	Batch3	3BR11CS042	Sneha K	Prof. Sridhar S.M	
9.		3BR11IS031	Rashmi M.V	and the second secon	
10.		Aliment	Ningappa Nushigeri		U-VOTE
11.	Batch4	3BR11CS075	Rashmi	Prof. Kamal Kishore	
12.		3BR11IS051	Zaba Tahseen		
13.	- Batch5		Sandeep N		Implementation of smart ULK
14.		3BR11CS056	Nidhi Jain	Prof C K Sripiyas	Inductance-Resistance Measuring
15.		3BR11EE017	Manjula V	Prof. C.K. Srinivas	Tool
16.			Archana B. C	Prof. Venkateshwar A	Automatic Control System for
17.	Batch6	3BR11CS077	Rohini C.M.		Railway Crossings
18.		3BR11IS006	Chaitnya Chakravarthi		
19.			Sarveshtha bafna 💭 🏹 🏠	· 1007 1.4	The P2H Product using Space
20.	Batch7	3BR11CS027	Divya Shree	Prof. Sreedhar S.K	Based Solar Power
21.		3BR11EE050	Soumya Billing and Anna Source		
22.			Firdouse jahan D		Home Automation System
23.	Batch8	3BR12CS424	Swathi S .	Prof. Prabha. C	
24.		3BR11IS046	T. R. Pooja	ne menter al construction	
25.			Radhika V.K	I have have have a	Implementation of Dynamic
26.	Batch9	3BR11CS101	Vaishali B. J	Prof Naseeruddin	Vehicular Traffic Control System
27.	Batchig	3BR11IS039	D Shravani	TTOI. Nascerudum	on UTLP Kit in Normal Mode
28.			Sai Teja N		e-BOOK
29.	Batch10	3BR11CS102	Vandana G. R.	Prof. Gafoor	
30.		3BR11EE025	Nisarga C. K		

Signature of staff

Lab Incharge :

Mr.Venkateshwar A

Asso Prof,CSE

BITM, Ballari

CSE

Signature of SPOC

Dr.B.M.Vidyavathi

Professor, CSE

BITM, Ballari



Si.no.	Batch No.	USN	NAME of the Student	Guide Name	Project Title
31		3BR11CS002	Abhishek Yadav		· · · · · · · · · · · · · · · · · · ·
32	Ratch11	3BR11EC001	A.M.Swetha.		Car Parking Guard Circuit
33	Datchill	3BR11EE002	Athiya Ahmadi	Prof. Phani Ram Prasad	Using Infrared Sensor
34		3BR11IS001	Aditi Jain		
35		3BR11CS010	Ankitha.S.		
36	Ratch12	3BR11EC005	Abhishek.K		
37	DatCHIZ	3BR11EE009	Hashira Iffath	Prof. C K Srinivas	Cell Phone Detector
38		3BR11IS005	Arshad Ali		
39		3BR11CS015	Ashwini.K.		
40	Patch 12	3BR11EC011	Ananda.J.Karaveeramath.		Auto Intensity Control of
41	Datch15	3BR11EE014	Sharath Kumar.K.P.	Prof. Naseeruddin	Street Lights
42	2	3BR11CS018	Brajesh Krishna		
43	3	3BR11EC014	Aparna.M.		
44	Batch14	3BR11EE018	Master Brain		
45	Datch14	3BR11IS014	Chetana.G.V.	Prof. Tina M Jacob	Bipolar LED Driver Circuit
46		3BR11CS025	Deepika.Y		
47		3BR11EC022	Beena.H.Bhosale		HOWE AUTOMATION UNITE
48	Datah 15	3BR11EE022	Najmunissa.N.		Automatic Washroom Light
49	Batch15	3BR11IS018	Mohammed Inayath.S.	Prof. Nandini	Switch
50		3BR11CS032	Gowra Muktha		
51		3BR11EC027	Mounika.D.		
52	Datah 10	3BR11EE027	Praveen Kumar.K.		Automatic Door Bell With
53	Datchio	3BR11CS035	Harani.N.	Prof. Vishnukanth Karva	Object Detection
54		3BR11EC033	Ganiga Basavaraj		
55		3BR11EE031	Rajeshwari.N.		and the second sec
56	Datah 17	3BR11IS033	Sandeep.G.		
57	Batch1/	3BR11CS039	K.Adithya Naidu	- Prof. Venkateshwara A	Water Level Indicator
58		3BR11EC038	K.S.Manjunath.		
59		3BR11EE037	S.K.Shammi	The second second second second second	
60	Datah 10	3BR11IS038	Shivaleela		Auto Night Lamp using High
61	Datchia	3BR11CS044	Lakshmi.K.	Prof. Gafoor	Power LED
62		3BR11CS045	Lavanya.S.		
63		3BR11EC046	Kumari Divya.G.B.		
64	Batch10	3BR11EE042	Satish Kumar.N.	Drof Javachron N	Mahila Janana Cinavit
65	Datchij	3BR11IS048	Usha.P.	Prof. Jayashree N	Mobile Jammer Circuit
	-	augusta Ling 1	LADOCTVA AD INSDA DE A		
66		3BR11CS003	Aiswarya.G.	Service Star Star Star Start	
67	Batch 20	3BR11EC002	Pavani.A.	Drof Alcohotha K	Automatic Plant Irrigation
68	Datch20	3BR11EE003	Padmashree.B.	Prof. Aksnatha K	System
69		3BR11IS002	Ameena.H.		
70		3BR11CS011	Anusha.S.	A State of the state of the state	Constitution for station farmers
71	Potob 21	3BR11EC007	Akshatha.M.	Drof Cridhan C M	AUTOMATED DAM WATER
72	Datch21	3BR11EE010	Jagadeesha.S.M.	Prof. Shahar S IVI	RELEASE PREDICTION SYSTEM
73		3BR11IS007	B.Trupti Nayaka.		



	74		3BR11CS016	S.Asma				
	75	Batch22	3BR11EC012	Anjum Ara	Drof Cridhan C K	DOOK DANKING		
	76	Datchizz	3BR11EE015	Madhushree Pavadashetra	Prof. Shanar S K	BOOK BANKING		
	77		3BR11IS012	Gaddi Suma				
	78		3BR11CS022	Madhu.D. (SCH)				
[	79	Ratch 22	3BR11EC019	Mahalakshmi.B.	Drof C N Chariff			
	80	Datth25	3BR11EE020	Mujamil	Prof. C IN Shariff	ACTIVE THUNDER EARMUFF'S		
	81		3BR11IS016	Kavyashree.G.Dani		MALWAY DRACK		
	82		3BR11CS028	Indhu Priya.E.				
	83	Batch 24	3BR11EC025	Bharathi.	Drof Divers Phases	Tanah ang dan sa kata		
	84	Datch24	3BR11EE024	Nazneen	Prof. Divya Bhavani	Touch panal security system		
ſ	85		3BR11IS021	Nasreen Kausar				
	86		3BR11CS034	Pavani Sai.H.				
	87	Datch 2E	3BR11EC030	Firdous Nabeela Rubbani	Duef Kennel Kicker			
1	88	Datch25	3BR11EE030	Rajesh Kumar Joshi	Prof. Kamal Kishore	Always green for ambulance		
[	89		3BR11IS029	Prathibha.K.R.				
	90		3BR11CS038	Joshna.D.				
ſ	91	Detable	3BR11EC036	H.Sudarshan Pawan (SCH)		HOME AUTOMATION USING		
Ī	92	Batch26	3BR11EE036	Srikanth.S.D.	- Prof. Prabha C	RELAYS		
	93		3BR11IS037	Sharadh Kumar Kotagi				
Ī	94		3BR11CS043	Kavitha.U.				
1	95	Datab 27	3BR11EC043	Keerthi Priya				
1	96	Batch27	3BR11EE040	Sanjay.S.	- Prof. Bharani Rao	HI-Tech Fuel Bunk.		
	97		3BR11IS045	Syed Abdul Jabbar				
	98		3BR11CS047	Lingutla Sowmya	Prof. Sunitha K			
T	99	Datah 20	3BR11EC048	Lavanya.G.R.				
	100	Datch28	3BR11EE044	Shailaja.R.		INIY PLANT		
	101		3BR11IS050	G.G.Yasmeen.				
	102		3BR11CS054	Nandish.U.C.				
	103	Datah 20	3BR11EC053	Mounica.C.		SAFETY AGAINST MOBILE		
	104	Datch29	3BR11EE048	Shruthi.B.	- Prof. Phani Ram Prasad	CATASTROPHE		
1	1.08			Dhawkeatt, Basavara)estwaat				
	105		3BR11CS006	Akshatha.M.S.				
	106	Ratch20	3BR11EC003	Abhilash.G.N.	Drof CK Sriniurs	Smart locator to find missing		
	107	Datchisu	3BR11EE004	Bharath Kumar.C.D.	PIOL CK SHIIIVAS	child		
	108		3BR11IS003	Amrutarani.K.H.				
	109		3BR11CS012	Apoorva Aishwarya.R.A.				
ſ	110	Patch21	3BR11EC009	Akshitha.C.	Drof Nacooruddia	CADTAL		
	111	Datensi	3BR11EE011	Jagadish.D.	Prof. Naseeruuuin	SARTAJ		
[	112		3BR11IS008	Balgiesh Bee.I				
	113		3BR11CS017	Bhagyashree.K.				
ſ	114	Databaa	3BR11EC013	Anshu Mishra.	Drof Time M lanch	Smart Cas Dealine Custom		
	115	batch32	3BR11EE016	Mahamed Atif Kapali		Smart Gas Booking System		
T	116		3BR11IS013	Gousia Bellary				



	117		3BR11CS024	Deepa.U.Joshi.			
	118	Batch33	3BR11EC020	B.V.Prajwal.	Drof Nondini		
	119	Datenss	3BR11EE021	Afrin Banu.N.	Prof. Nandini	Smart Gas Booking System	
	120		3BR11IS017	Koteshwar Rao.M.			
	121		3BR11CS029	Esvi Saranya			
	122	Batch24	3BR11EC026	Veena.C.M.		AUTOMATIC IDENTIFICATION	
	123	Datch54	3BR11EE026	Pabbu Sai Kishore	Prof. Vishnukanth Karva	AND RESCUE SYSTEM ON	
	124		3BR11IS023	Parvathi		RAILWAY TRACK	
	125		3BR11CS035	Harani.N.			
	126	Batch 25	3BR11EC033	Ganiga Basavaraj			
	127	.27	3BR11EE031	Rajeshwari.N.	Prof. Venkateshwara A	Smart Parking system	
	128		3BR11IS033	Sandeep.G.			
	129		3BR11CS039	K.Adithya Naidu			
	130	30 Patch26	3BR11EC038	K.S.Manjunath.		Dynamic parking light control	
	131	Datchibo	3BR11EE037	S.K.Shammi	Prof. Gatoor	system.	
	132		3BR11IS038	Shivaleela			
	133		3BR11CS044	Lakshmi.K.			
	134	Dotob 27	3BR11EC044	Kishore Kumar.C.			
1	135	5 Batchs/	3BR11EE041	Sankannavar Sunita Suresh	- Prof. Jayashree N	ONE DAY E-BUS PASS SYSTEM	
	136		3BR11IS047	Tanzeem Nusrath.M.			
	137		3BR11CS048	Megha.M.V.			
	138	Patch 20	3BR11EC049	Manasa.I.		BLIND SPOT WARNING AND	
	139	Datchiso	3BR11EE045	Sharada	Prof. Aksnatha K	MONITORING SYSTEM	
	140						
	141		3BR11CS009	Anil Kumar Roddar			
	142	Ratch20	3BR11EC004	Abhilash.K.M.	Prof. Sridhar S M	CLADT CONTROL UUD	
	143	Datting	3BR11EE006	Deepa.P.		SIVIART CONTROL HUB	
	144		3BR11IS004	Anjali			
	145		3BR11CS013	Asha.B.			
	146	Batch/10	3BR11EC010	Ambika.H.	Drof Cridhar C K	Smart Power management &	
	147	Datch40	3BR11EE012	Jeevitha.P.	Prof. Shahar S K	optimization service	
	148		3BR11IS009	Bhavikatti Basavarajeshwari			
	149		3BR11CS018	Brajesh Krishna			
	150	Batch/1	3BR11EC014	Aparna.M.	Drof C N Shariff	AUTOMATIC ROOM LIGHT	
	151	Daten+1	3BR11EE018	Master Brain		CONTROLLER	
	152		3BR11IS014	Chetana.G.V.			
	153		3BR11CS025	Deepika.Y			
	154	Batch/12	3BR11EC022	Beena.H.Bhosale	Brof Divus Phayani	LIFEROT	
	155	Datch42	3BR11EE022	Najmunissa.N.		LIFEBUT	
	156		3BR11IS018	Mohammed Inayath.S.			
	157		3BR11CS032	Gowra Muktha			
	158	Batch/12	3BR11EC027	Mounika.D.	Prof Nacoaruddin	Onthomator	
	159	Datentas	3BR11EE027	Praveen Kumar.K.	FIOL Maseeruuuin	opthometer	
	160		3BR11IS027	Pooja.M.			



1	and the second se		No. of Concession, Name of	And the second se				
	161		3BR11CS036	Haritha.C.				
	162	Ratch//	3BR11EC034	Gayatri	Drof Drabba C	AUTOMATED STREET LIGHT		
	163	Datc1144	3BR11CS038	Joshna.D.		CONTROL SYSTEM		
	164		3BR11EC036	H.Sudarshan Pawan (SCH)		Curice fully		
ſ	165		3BR11EE036	Srikanth.S.D.				
	166	Detab 45	3BR11IS037	Sharadh Kumar Kotagi	Prof. Bharani Rao	Crime management system		
	167	DalCH45	3BR11CS043	Kavitha.U.		Chine management system		
	168		3BR11EC043	Keerthi Priya				
	169		3BR11CS045	Lavanya.S.				
	170	Patch/6	3BR11EC046	Kumari Divya.G.B.	Duraf Countibles M	Douarborant whool chair		
ſ	171	Datch40	3BR11EE042	Satish Kumar.N.	PIOL SUIILIIA N	Reverberant wheel chair		
ſ	172		3BR11IS048	Usha.P.				
	173		3BR11CS049	Madhuri.P.	The spin processing the second			
75	174	Ratch/17	3BR11CS051	Mamatha.M.	Brof Vichny Kantha K	Smart rostaurant		
175		Datch47	3BR11EC052	Mohammed Qadeer.L		Smart restaurant		
	176		3BR11EE047	Shravan Kumar.H.M.				



# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

## BALLARI

# Department of computer science&Engineering MISSION 10X TECHNOLOGY LEARNING CENTER 2015-16 Batch

SL No.	Batch Number	USN	Name of the Student	Final project title	Guide Name	
1.		3BR12EC086	Ramya S. Bharadwaj			
2.	Batch1	3BR12CS053	Mohamed Moies.	Smart Parking system	Prof. Venkateshwar A	
3.		3BR12EE107	Swati Devi Chauhan			
4.		3BR12ECO59	M.Shalini Sreekanth	Always green for		
5.	Batch2	3BR12IS023	Megha	ambulance	Prof. Kamal Kishore.Y	
6.		3BR12CS107	Soumya	uniourariee		
7.	1004 - 1438R.J.	3BR12EC067	Meghana .H	Powerberant wheel		
8.	Batch3	3BR12IS039	Prithvi M	- chair	Prof. Prabha.C	
0.		3BR12CS035	Kedarnathm Nandapurmath	Crian		
10.		3BR12EC040	Sai Sudha	DI MARCONCINE		
11.	Batch4	3BR12EE047	Koushik	Krushi Mitra 🐐	Prof. Shridhar S.M	
12.		3BR12CS079	Punithkumara.K			
13.		3BR13EC404	Hari Parasanna	- Bitm Digital locker		
14.	Batch5	3BR12EE053	Mahima .R	system	Prof. Phani Ramprasad	
15.		3BR12CS016	Dipendra Kumar Jha			
16.		3BR12EC053	Karuna .A.M	Automated Bus Pass		
17.	Batch6	3BR12EE046	K. L.Ravi Teja	Authentication	Prof. C.K srinivas	
18.				system		
19.		3BR12EC092	Sai Duth.E	Crime management		
20.	Batch7	3BR12EE006	Asha Rathore	- system	Prof. Md. Gaffur.P	
21.		3BR12CS013	Deeksha Patil			
22.		3BR12EC004	Akshay Kumar S K	Smart Power		
23.	Batch8	3BR12IS046	Shalini.B.R	management &	Prof. Sridhar S.K	
24.		3BR12CS017	Durganjali .T	optimization service		
25.		3BR12EC119	Vishwa Shree.C			
26.	Batch9	3BR12IS013	Hemanjali.V.T	Smart restaurant	Prof. Vishnu Kantha .K	
27.	1. 1.880/	3BR12CS019	Pavithra .G			
28		3BR12EC019	Anand Theertha			
29	Batch10	3BR12IS056	Sneha Raman.T	Opthometer	Prof. Naseruddin	
30		3BR12CS096	Sai Priya			

**Batch-2** Final Projects

Signature of SPOC

Dr.B.M.Vidyavathi

Signature of staff Lab Incharge : Mr.Venkateshwar A

Asso Prof,CSE

Professor, CSE

BITM, Ballari

BITM, Ballari



## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI Department of Computer Science & Engineering Wipro Mission10X MTLC Lab Project Batch List 2016-2017

10	Batch Number	USN	Name of the Student	Guide Name	Project Titles	
1.		3BR13EC147	Vishal Grover	- Dept Prentice 4		
2.	Batch1	3BR13CS078	Priyanka C.D	Prof. SRISAILA NATH	LIFEBOT	
3.		3BR13IS033	Sushma			
4.	Batch2	3BR13EC004	Ajay	12		
5.	SATCH.	3BR13CS015	Archana	Prof. NASEERUDDIN	SARTAJ	
6.		3BR13IS017	N.M.Indravasan			
7.		3BR13EC038	Hanisha			
8.	Batch3	3BR13CS003	A Greeshma	Prof. SRIDHAR S K	AUTONOMOUS BUS	
9.		3BR13EE022	G Venkat Ram	A SALE AND A		
10.		3BR13EC087	Rahul .T	Prof DHANIDANA		
11.	Batch4	3BR13CS065	Mohammed Suhel Khan	DRASAD	ONE DAY E-BUS PASS SYSTEM	
12.		3BR13CS016	Arpitha	FNAJAD		
13.		3BR14EC428	Monika			
14.	Batch5	3BR13CS007	Aishwarya Hiremat c	Prof. PRABHA K	HOME AUTOMATION USING	
15.		3BR13EE063	Sabiya Khan		RELAYS	
16.		3BR13EC060	Manjula M	Notes and the	Alter tran	
17.	Batch6	3BR13CS119	Vikas R	Prof. C.K. SRINIVAS	SMART RATION CARD SYSTEM	
18.		3BR13IS026	Shubhashree.G.Joshi	11991		
19.		3BR13EC139	Varsha D	Drof MICHINIT		
20.	Batch7	3BR13CS096	Sangeeta B	PIOT. VISHINU	Dynamic parking light control	
21.		3BR13IS030	Sridhara H S	KAN IT KARVVA	system.	
22.		3BR13EC018	Chaitra N			
23.	Batch8	3BR13CS059	Manjushree	Prof.GIRISH KUMAR D	MY PLANT	
24.		3BR13EE090	Vinay.M			
25.		3BR13EC084	Prasanna Kumar			
26.	Batch9	3BR13CS025	B Midhisha Reddy	Prof. NILAM	Smart Gas Booking System	
27.	2	3BR13CS004	Syed Abdul Haseeb			
28.		3BR13EC105	Shanshank A			
29.	Batch10	3BR13CS027	Chaitanya K.T	Prof. MANJUNATHA	AUTOMATED HOSPITAL TOKEN	
30.		3BR12IS001	Adarsh	G	SYSREM	
31.		3BR14EE424	Madhu kiran CH			
32.	BATCH 11	3BR13EE084	Ummi salma .K	Prof. S M Shridhar	SMART CONTROL HUB	
33.		3BR13CS064	Mohammed Mudassir Ahamed			
34.		3BR13EC037	H. Manasa			
35.	BATCH12	3BR14CS404	Beeralinga. K	Prof.SRIKANTH	AUTOMATIC ROOM LIGHT	
36.		3BR13EE086	V. Shruti		CONTROLLER	



	EATCH13	3BR13CS066 3BR13EE075 3BR13EC055	Monish M M Srinath .v Rahul .M	Prof.GIRISH KUMAR D	SMART AQUARIUM
41.	BATCH 14	3BR13CS072 3BR13EC044 3BR12IS034	Pallavi.k Arpitha.i Pooja.N.V	Prof.Prabha.K	AUTOMATIC RAILWAY GATE CONTROL USING RF
<ul><li>43.</li><li>44.</li><li>45.</li></ul>	BATCH 15	3BR13CS051 3BR13IS006 3BR13EC014	Kiran Kumar.j B.S.Sreekar Bindu.c	Prof .SRISAILANATH	S-CART

Signature of staff

0 Signature of SPOC

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Lab Incharge : Mr. Phani Ram Prasad

Asso Prof,CSE

BITM, Ballari

Dr.B.M.Vidyavathi

Professor, CSE

BITM, Ballari



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BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI

**Department of Computer Science & Engineering** 



Wipro Mission10X	MTLC Lab	BATCH-04	(2017 - 2018)
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Batch Number	USN	Name of the Student	Guide Name	Project Title	Remarks
	3BR15CS136	Sagar. P			
Batch1 3BR15CS	3BR15CS045	GURURAJ ROHIT SAI	Vishnu kanth Karwa	AUTOMATED STREET LIGHT CONTROL	
3BR15CSC 3BR15EC1		Swaroop beldona		SYSTEIVI	
	3BR15EE006	Afreen Sultana			
Batch2 3BR15EC061 3BR15CS075		Mahe jabeen	C K Srinivas	SUN TRACKING SOLAR PANEL SYSTEM	
		Lohith. K			
	3BR15EE131	Umamaheshwar K			
Batch3 3BR15EE033		khaseemabegum	Shridhar S M	BLIND SPOT WARNING AND	
3BR15CS0	3BR15CS020	Ashwini B.M	MONITORING SYSTEM		
31	3BR15CS143	Sameer Datt .H.K			
Batch4	ADA 3BR15EC096 Rohini Ranganath Sangam Raymond ADA	ADAPTIVE INTELIGENCE FOR POLY			
3BR1	3BR15CS139	Sahana k kulkarni		FARIVIING	
	3BR15CS185	Tanveer Ahamed M Mulla			
Batch5	3BR15EE020	Ganesh k	Srikanth K M	IMPLIMENTATION OF PATIENT AIDER	
	3BR15ECO35	Gowthmi Patil		USING UTLP KIT AND ARDUINO	
	3BR15CS078	M.V. Sagar Chakravarthy			
Batch6	3BR15CS116	Pragya Kumari	Mr. Girish Kumar. D	VEHICLE ACCIDENT PREVENTION	
	3BR15EC034	Gonal srinidhi		SYSTEIVI	
	3BR15EE030	Jeevan K			Reservedt.
Batch7	3BR15EE009	Ashwini.B	Mr. Srisailanath Crack Detection System	Crack Detection System	Manalari .
3BR1	3BR16CS407	Murali Reddy			
	3BR15CS041	Ganesh D			
Batch8	3BR14CS158	Kyatham Nikhil	Prof. Nilam Chadda	BOOK BANKING	
	1BR16EC438	Swathi S			

3001505040	Internation to			1
38(1505048	Harika k			
3BR15EC065	Mohammed amjad	Mr. Manjunath G	INSTITUTE-MATE	
3BR15CS148	Shailaja k			
3BR15CS150	Sheetal K			
3BR15CS100	Nagaveni	Prof. P.Paniramprasad	BORE-WELL RESCUE OPERATION WITH	
3BR15EC136	Shreyas Antin		ROBOTIC ARM USING UTLP KIT	
3BR15CS012	Akhil.R			
3BR15EE011	Basavaraj T	Mr. Sridhar S.K	GREENIFY	
3BR15EC006	Afifa Amrin A			
3BR15EE434	Sanjeev kumar H. D			
3BR15CS068	K.M.Ankitha	Naseeruddin	ACTIVE THUNDER EARMUFF'S	
3BR15CS158	Sharana basava			
3BR15CS029	Chandana B C			
3BR15CS034	DivyaShree TG	Mr. Girish Kumar. D	MY FAMILY	
3BR15EC133	Veerendra P			
3br15cs081	Machani Sriharsha			
3br14cs085	N Vishal vivek	Mr. Manjunath G	Touch panal security system	
3br15ee057	P Praveen			
3BR16CS403	Krupanand L			
	3000000000000000000000000000000000000	ABR15CS048Harika kABR15CC065Mohammed amjad3BR15CS148Shailaja k3BR15CS150Sheetal K3BR15CS100Nagaveni3BR15CS12Akhereyas Antin3BR15CS012Akhil.R3BR15E011Basavaraj T3BR15EC006Afifa Amrin A3BR15EC016K.M.Ankitha3BR15CS012Sharana basava3BR15CS068K.M.Ankitha3BR15CS059Chandana B C3BR15CS034DivyaShree TG3BR15CS081Machani Sriharsha3br15cs085N Vishal vivek3br15ee057P Praveen3BR16CS403Krupanand L	ABR15CS048Harika kMr. Manjunath GABR15CC055Mohammed amjadMr. Manjunath G3BR15CS148Shailaja kProf. P.Paniramprasad3BR15CS100NagaveniProf. P.Paniramprasad3BR15CS102Aknil.RMr. Sridhar S.K3BR15E011Basavaraj TMr. Sridhar S.K3BR15EC06Afifa Amrin AMr. Sridhar S.K3BR15CS072K.M.AnkithaNaseeruddin3BR15CS088K.M.AnkithaNaseeruddin3BR15CS099Chandana B CMr. Girish Kumar. D3BR15CS081JovyaShree TGMr. Girish Kumar. D3BR15CS081Machani SriharshaMr. Manjunath G3br15ce057P PraveenMr. Manjunath G	JUR15C5048Harika k Maina JBR15C1665Mohammed amjad Mr. Manjunath GINSTITUTE-MATEJBR15C5148Shailaja kMr. Manjunath GINSTITUTE-MATEJBR15C5150Sheetal K Sheetal KProf. P.PaniramprasadBORE-WELL RESCUE OPERATION WITH ROBOTIC ARM USING UTLP KITJBR15C5100NagaveniProf. P.PaniramprasadBORE-WELL RESCUE OPERATION WITH ROBOTIC ARM USING UTLP KITJBR15C5012Akhil. R Basavaraj TMr. Sridhar S.KGREENIFYJBR15E011Basavaraj T Basavaraj TMr. Sridhar S.KGREENIFYJBR15E006Afifa Amrin ANaseeruddinACTIVE THUNDER EARMUFF'SJBR15C5068K.M.Ankitha DivaShree TGMr. Girish Kumar. DMY FAMILYJBR15C3034DivaShree TG DivaShree TGMr. Girish Kumar. DMY FAMILYJBR15C3035N Vishal vivekMr. Manjunath GTouch panal security systemJbr15cs081Machani Sriharsha Shr14cs085N Vishal vivekMr. Manjunath GJBR15C403Krupanand L

1.0

BATCH 15	3BR15CS900	Skanda Kumar	Raymond Irudayaraj
	3BR15EE039	Vishal Kumar	

STREET LIGHT AUTOMATION AND MALFUNCTION DETECTION

Phanol

Signature of Lab Incharge: Phaniram Prasad Prof.Asso Prof,CSE BITM,Ballari

1994 X

Signature of SPOC Dr.B.M.Vidyavathi Professor,CSE BITM,Ballari

## BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI Department of Computer Science & Engineering Wipro Mission10X MTLC Lab Project Batch List 2018-2019

	Betth	LISN	Name Of The			
	Nia	0314	Student	GUIDE NAME	PROJECT TITLE	REMARKS
		3BR16EC011	Anusha V.C			
1-	Tabah 1	3BR16CS167	V Geetha Sri	Mr.Srikanth K M	AI-PLANTY	
12	Datchit	3BR16EC105	R Sanjeev Rao	ECE Dept.		
-		3BR16CS170	Vaishnavi P			
4		3BR16CS136	Sai Vandana .V			
5.	Batch2	3BR16EE049	Nandini S.M	Mr.Girish Kumar D	Smart stick for blind	
6.		3BR16CS101	Naveen B.M	- CSE Dept.	person	
7.		3BR16CS133	Sahana G.S.		LASER LIGHT HOME	
8.	Batch3	3BR16CS168	V. K. Praveen Kumar	Mr.Srisailanath	SECURITY SYSTEM	
9.	- Second	3BR16EC112	S. Srikanth	- CSE Dept.		
10		2001000001	Md Sadiq Afreed	1 · .		
10.	Datah	3BK10C2091	Meeran	Mr.Maniunath G		
11.	Batch4	3BR16CS075	M. Vindhya	ECE Dept.	Hi-Tech Fuel Bunk	
12.		3BR16EC020	Bhavanari Santhosh			
13.		3BR16CS034	Firdous Afreen			
14.	Detals	3BR16CS144	Sneha K.	Mr. Phani Ram	SAFETY AGAINST	
15.	Batch5	. 88.4		- Prasad	MOBILE	
16.		3BR17EC413	Pallavi	- CSE Dept.	CATASTROPHE	
17.		3BR16CS076	M. Vinela Reddy		AUTOMATED DAM	
18.	Batch6	3BR17EC427	B. Shashikala	Mr.Shridhar S M	WATER RELEASE	
10	Datchio	2001655026		EEE Dept.	PREDICTION	
15.		SURTOFEOSO	IVI. Bharath Reddy		SYSTEM	
20.		3BR16CS001	A. Prasanna		Smart locator to	
21.	Batch7	3BR17EE442	Purushottam P C	Mr.C K Srinivas	find missing child	
22.	_	3BR16EC009	Anusha J	CSE Dept.		
23.		3BR16CS172-	Veena T			
24.		3BR16CS074	M. Varnika		Real-time waste	
25.		3BR16CS164	Tejashwini. U		monitoring and	
26.	Batch8	3BR16EC023	Chandana D	FCE Dopt	sorting domestic	
27		3BR16EC127	Shailesh Kumar	- LCE Dept.	bin.	
		JUNIDECIZ/	Tripathi			
28.		3BR16EC007	Amrutha K		CYBERNATION OF	
29.	Batch9	3BR16EC103	R. Paras Chowdhary	Mr.Sridhar SK	BUS.	
30.		3BR16CS153	Supritha Vemala	CSE Dept.		
31.		3BR16CS052	Jasvinder Kour			
32.	Batah	3BR16EE084	Spurthi A S		TRAFFIC SIGN	
33.	- 10	3BR16EC120	Sai Priya P	Mr.Chandan K R	ALERTING SYSTEM.	
34.	10	3BR16CS051	J. Vaishnavi	- EEE Dept.		
35.		3BR16CS125	Rashmi. N.R		AUTOMATIC	
36.		3BR16CS150	Sruthi. B. Raj	Mar \/lakar	IDENTIFICATION	
37.	Batch	3BR16EC104	R. Sanjana	Karwa	AND RESCUE	
	11	on Triter		FCF Dot	SYSTEM ON	
38.				Locopt	RAILWAY TRACK.	
30		3801650027	LI Current	-\$		
40	Batch	3801650122	Chruthi Caultur	Mr.Raymond.H	EMBEDDED	
11	- 12	20010EC132	Annual Sashi Kumar	ECE Dept.	PARKING SYSTEM.	
41.		30K16C5014	Aruna Jyothi			
42.	Datak	SERIEEC063	Harshika Khandelwal		SIMPLE	
43.	13	3BR16CS046 3BR16CS161	Vinooth Kumon T	Mrs.Nilam C	AUTOMATED ALERT	
44		388165C014	Avinach Rain M	TECE Dept.	SYSTEIVI	
			_ Avinasii Adju V			



### Signature Of Staff Lab Incharge :PHANI RAM PRASAD ASSO PROF,CSE



By - Dr. Machappa. T, BITM, Bellary.

### ENGINEERING PHYSICS LAB (18 PHYL 16 / 18 PHYL 26)

### **LIST OF EXPERIMENTS**

SN	Date	Name of the experiment	Page No.	Signature of Staff			
01		Diffraction	01				
02		Optical Fiber	04				
03		Torsion Pendulum	07				
04		Young's modulus by single cantilever	10				
05		Spring Constant	13				
06		LCR - Resonance Circuits	16				
07		Newton's Rings	20				
08		Photo Diode	23				
09		Characteristics of Transistor	27				
10		Fermi Energy	31				
11		Dielectric Constant	34				
12		Magnetic Field Intensity	38				
	DESIGN BASED EXPERIMENTS						
13		Design of voltage regulator	42				
14		Design of Resonance Circuits	44				
		DEMONSTRATION EXPERI	MENT				
15		Reddy's Shock Tube	46				

		By - Dr. Machap	pa. T, BITM, Bellary.				
Date	Title of the design based experiment	Exp. No	CO's				
	DESIGN OF VOLTAGE REGULATOR						
AIM: To o	AIM: To design voltage regulator using Zener diode.APPARATUS:VariableDCPowerSupply,Resistanceboxes,ZenerConnecting wires, etc.						
CIRCUIT	DIAGRAM:						
$B = V_{in} O = V_{in} V_{in} O = V_{in} V_{in} O = V_{in} V_{in$							

#### **PROCEDURE:**

A voltage regulator is one, in which output voltage remains constant when input voltage and output current is varied. A voltage regulator can be designed by using Zener diode in reverse biased mode as shown in the circuit diagram. Connections are made as shown in the circuit diagram, input resistance (Rs) is kept constant (100 to 500  $\Omega$ ) in series with the diode and lode resistance (RL) of about 1k $\Omega$ . Vary input voltage from 0, in small steps and note output voltage across the lode resistance and input current as shown in table 1. Plot a graph between input voltage (V<sub>in</sub>) along x-axis and output voltage (V<sub>out</sub>) along y-axis, the graph is as shown in graph 1.

Voltage regulation with lode can be studied by the following procedure. Keep the input voltage constant above the Zener voltage, vary the lode resistance from a small value of about  $50\Omega$ , increase lode resistance in steps and note output voltage for each step and tabulate the readings as shown in table 2. Plot a graph between lode resistance (R<sub>L</sub>) along x-axis and output voltage (V<sub>out</sub>) along y-axis, the graph is as shown in graph 2.



**TABULAR COLUMN 1:** Voltage regulation characteristics

Series resistance (Rs) = \_\_\_\_\_ Ohms

Load resistance (R<sub>L</sub>) = \_\_\_\_\_ Ohms

SL	Input voltage V <sub>in</sub> (In volts)	Input Current Is (In mA)	Output voltage V <sub>out</sub> (In volts)
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			

TABULAR COLUMN 2: Variation of output voltage with load resistance

Series resistance (Rs) = \_\_\_\_\_ Ohms

Input voltage (Vin) = \_\_\_\_\_ Volts

SL	Load resistance R <sub>L</sub> (In Ohms)	Output voltage V out (In volts)	Output Current I <sub>out</sub> = V <sub>out</sub> /R <sub>L</sub> (In mA)
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			

### **RESULTS:**

Voltage regulator is designed using Zener diode with regulated voltage of (Vg) = \_\_\_\_\_ Volts.

\*\* \*\* \*\* \*\* \*\*

_		By - Dr. Machap	ppa. T, BITM, Bellary.
Date	Title of the design based experiment	Exp. No	CO's
	DESIGN OF LCR - RESONANCE CIRCUITS		

#### AIM: To design series & parallel resonance circuit for resonant frequency of 3kHz

**APPARATUS:** Function generator, digital multimeter, resistance box, Inductance box, capacitance box, connecting wire, etc.

#### **CIRCUIT DIAGRAM:**



#### **PROCEDURE:**

The resonant frequency of LCR circuits depends on the value of capacitor and inductor. In the design of series or parallel resonant circuit, the capacitor value is kept constant;depending on the resonant frequency, the value of inductor is calculated as shown in the formula.

Connections are made as per the circuit diagram and select the values of LCR, which are connected in series such that same current flows through them. In function generator select sine wave mode, set the amplitude, which remains constant, and select the frequency of 10 kHz. Set the multimeter to read AC current. Out of two frequency variation knobs first use fine knob to set the frequency and note down the current in the multimeter, now vary the frequency in steps and in each step record the current as shown in table.

In parallel resonant circuit, capacitance and inductance are connected in parallel such that same potential drops across them and resistance is connected in series with them. Repeat the above procedure to record current for different frequencies.

A graph is plotted such that frequency on x - axis and current on y – axis. It is observed that in series circuit the current is maximum at resonance and in parallel circuit the current is minimum at resonance. In both the cases the resonant frequency is noted and verified with the designed frequency.

The LCR resonant circuits can be designed for required resonance frequency by taking capacitor value constant and calculate inductance value using the following formula:

Inductance (L) = 
$$\frac{1}{4\pi^2 f_0^2 \cdot C}$$
 Henry

#### **OBSERVATIONS:**

Resistance (R)	=Ω
Inductance calculated (L)	= mH
Capacitance kept Constant (C)	=μF

### TABULAR COLUMN:

Obs.	Frequency <i>f</i> (Hz)	Current through the circuit(in mA)	
No.		Series circuit	Parallel circuit
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			

**NATURE OF THE GRAPHS:** 







### FORMULA USED:

Inductance

$$e = \frac{1}{4\pi^2 f_0^2 . C}$$
 Henry

Where: L = Inductance C = Capacitance  $f_0$  = Resonant frequency

### **RESULT:**

- 1. Resonant frequency of series circuit from graph = \_\_\_\_\_ Hz
- 2. Resonant frequency of parallel circuit from graph = \_\_\_\_\_ Hz

\*\* \*\* \*\* \*\* \*\*

No

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Date	[ Derign based Experiment)	dite
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718114	( Neutralization of Acid-bake titeration)	13
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	& rum & the attalianty of out, Hear, cart, total alter	linity of
	water can be determined by literation with standard	acid
	using phenologisthalkin and methyl country indicators	
	When attestine, weiter is Attended with an o	ierd
52	following neutralization reaction takes place	
	with altaline phenelphalien, the end point ?	dicates
	Completion of seaction (i) and (i) only and the ac	d cordun
	& equivalent to of and half of roj present in water	M. with
	nesting anange, the end point endicated completion of	all
	three seactions and the acid continued is equivalent	t to
	total adhability of water	
	Requirements 0.010 Hell, phenolphthalein and methy	yl anang
-	indicater.	
2 4 1		
	PHOCOCILITE: - PIPEtte zond of the alkaline water	sample
	in 250rd clean conical plane, add	(2-3) da
	of phenolphthalien indicator and tristate with s	t and as d
	O. O. N. Hel. solutions All the colour changes for	m pink
	to colouritate where add 2-3 does ph methyl	внатер
	endication to the same solution and continue the	tituatio
	till place an analyce colour approves where do	won the

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	FORMS / FORMATS (ISO 9001:2015)	Doc. No: FAF/L4	Release No. 5.0 Date:01/07/2017	Revision No. 5.0 Date: 01/07/2017	Section: Cover Page	

# **DESIGN-BASED EXPERIMENTS**

Department: COMPUTER SCIENCE & ENGINEERING.

Academic Year: 2017-2018

Semester

VII Br

Branch: CSE A/B/C

Subject	:	Networks Lab
Subject Code	i ne e	10CSL77
Faculty Name	:	Jagadevi Puranikmath/Naveen Kumar G/Aishwarya Nayaka
Designation	:	Asst. Prof.



HOD

Signature

Signature

Principal

Signature

wife's



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Level 1

1. Design hub broadcast using NCTUNS simulator



## Note : Change the simulation time to 100.

## Draw Mode:

- 1) select a switch icon on the toolbar and drag it onto working window.
- 2) select the host icon on the toolbar and drag it onto working window. Repeat the same for other host.
- 3) select a router icon on the toolbar and drag it onto working window.
- 4) select the link icon on the toolbar and drag it on screen from host (node 1) to router and other switch also.
- 5) save the file with .tpl extension.



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# Edit Mode (E):

a) Double click on host 1. A new window will be opened click on add and type the following command

Rtcp -p 8000

b) Now double click on host 2, add the following command.
 Step -p 8000 1.0.1.2 -→Receiver IP address

Configure all the sender and receiver host Select In throughput, collision and drop log. **Note:** once again click on 'E' button, to save the changes

Run Mode (R)

Goto Simulation Tab->run

Play Mode (P):

Click on play button in the bar at the bottom.

Goto Tools>Plot Graph, and start plotting for graphs for in, out collision and drop.

(Note: Logs are present in your file name .results file)

Output:



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2 Design spanning tree using NCTUNS simulator



# Note : Change the simulation time to 100.

# Draw Mode:

6) select a switch icon on the toolbar and drag it onto working window.

 select the host icon on the toolbar and drag it onto working window. Repeat the same for other host.

 select the link icon on the toolbar and drag it on screen from host (node 1) to switch and other host also.

9) save the file with .tpl extension.

Edit Mode (E):

a) Double click on host 1. A new window will be opened
 click on add and type the following command
 Rtcp -p 8000

b) Now double click on host 2, add the following command.



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Step -p 8000 1.0.1.2 -→Receiver IP address
Configure all the sender and receiver host
Select In throughput,collision and drop log.
Note: once again click on 'E' button, to save the changes

Run Mode (R)

Goto Simulation Tab->run

Play Mode (P):

Click on play button in the bar at the bottom.

Goto Tools>Plot Graph, and start plotting for graphs for in, out collision and drop .(Note: Logs are present in your file name .results file)

#### **Output:**





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# LEVEL – 2

1. Design TCP iterative Client and server application to reverse the given input sentence.

## **CLIENTPROGRAM**

#include<string.h>
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<unistd.h>
#include<sys/socket.h>
#include<netinet/in.h>
#include<sys/types.h>
#define MAXLINE 20
#define SERV PORT 5777

main(int argc,char \*argv)

char sendline[MAXLINE],revline[MAXLINE];
int sockfd;
struct sockaddr\_in servaddr;

```
sockfd=socket(AF_INET,SOCK_STREAM,0);
bzero(&servaddr,sizeof(servaddr));
servaddr.sin_family=AF_INET;
servaddr.sin_port=ntohs(SERV_PORT);
connect(sockfd,(struct sockaddr*)&servaddr,sizeof(servaddr));
printf("\n enter the data to be send");
```

while(fgets(sendline,MAXLINE,stdin)!=NULL)

```
write(sockfd,sendline,strlen(sendline));
printf("\n line send");
read(sockfd,revline,MAXLINE);
printf("\n reverse of the given sentence is : %s",revline);
printf("\n");
}
exit(0);
}
```



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## SERVER PROGRAM

#include<string.h>
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<unistd.h>
#include<sys/socket.h>
#include<netinet/in.h>
#include<sys/types.h>
#define MAXLINE 20
#define SERV\_PORT 5777
main(int argc,char \*argv)

int i,j; ssize\_t n; char line[MAXLINE],revline[MAXLINE]; int listenfd,connfd,clilen; struct sockaddr\_in servaddr,cliaddr;

listenfd=socket(AF\_INET,SOCK\_STREAM,0); bzero(&servaddr,sizeof(servaddr)); servaddr.sin\_family=AF\_INET; servaddr.sin\_port=htons(SERV\_PORT); bind(listenfd,(struct sockaddr\*)&servaddr,sizeof(servaddr)); listen(listenfd,1);

```
for(;;)
{
  clilen=sizeof(cliaddr);
  connfd=accept(listenfd,(struct sockaddr*)&cliaddr,&clilen);
  printf("connect to client");
  while(1)
  {
  if((n=read(connfd,line,MAXLINE))==0)
  break;
  }
}
```

line[n-1]='\0'; j=0;

```
for(i=n-2;i>=0;i--)
revline[j++]=line[i];
revline[j]='\0';
```





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