



# Diploma of Completion

Proudly presented to:

**Gautam S Shetty**

For successfully completing the course:

**Step into RPA**

07/17/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**

Chief Learning Officer





# Diploma of Completion

Proudly presented to:

**Pallavi S**

For successfully completing the learning plan:

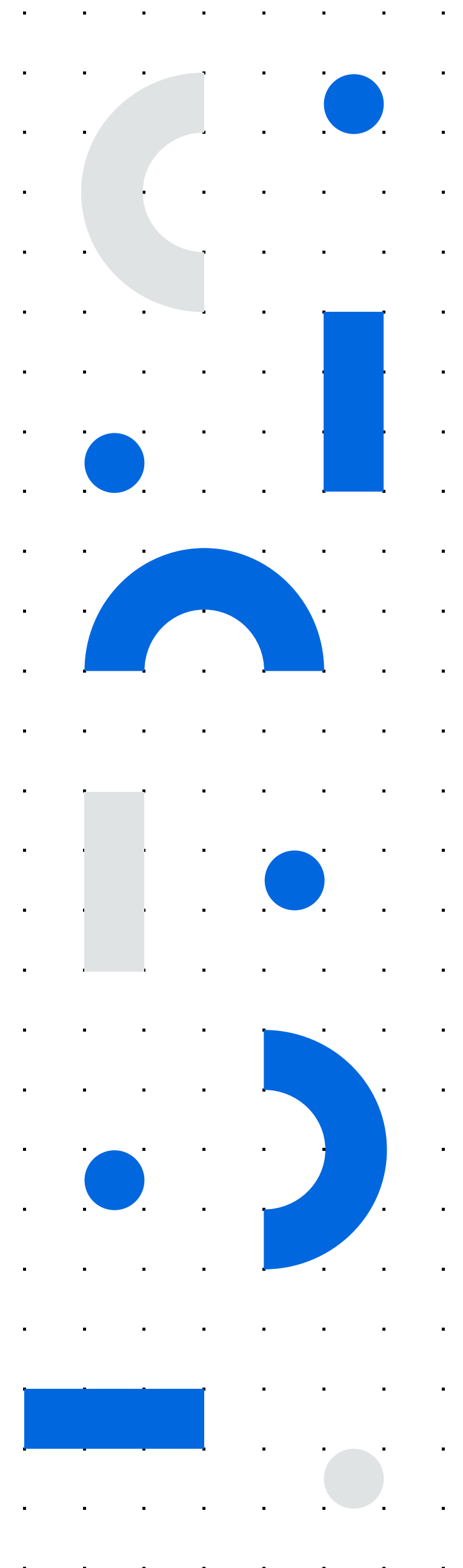
**RPA Developer Foundation**

07/31/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer



# Certificate of Participation

Proudly presented to:

**Shivaprasad T K**

for attending the

**Certification Bootcamp for RPA Associate exam**

2<sup>nd</sup> July 2020

**Date of issue**

**UiPath Academic Alliance**

**Issuing Authority**

Certificate ID: UiRPA/AABC/0720/10035



# Diploma of Completion

Proudly presented to:

**Jyothi G N**

For successfully completing the learning plan:

**RPA Developer Foundation**

05/29/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Certificate of Participation

Proudly presented to:

**Jayashree Hegde K**

for successfully completing the

**RPA Design and Development v1.0 - Educator Readiness program**

## Earning Criteria

- Complete UiPath RPADD course or self-study training
- Acquire hands-on skills with UiPath community or Academic Alliance edition software
- Pass an evaluation from the instructor
- At least 60% attendance

1<sup>st</sup> July 2020

**Date of issue**

**UiPath Academic Alliance**

**Issuing Authority**





# Diploma of Completion

Proudly presented to:

**K Praveen Shenoy**

For successfully completing the course:

**RPA Business Analysis  
Fundamentals**

06/20/2020

Date of issue

A handwritten signature in black ink that reads "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Diploma of Completion

Proudly presented to:

**K Praveen Shenoy**

For successfully completing the learning plan:

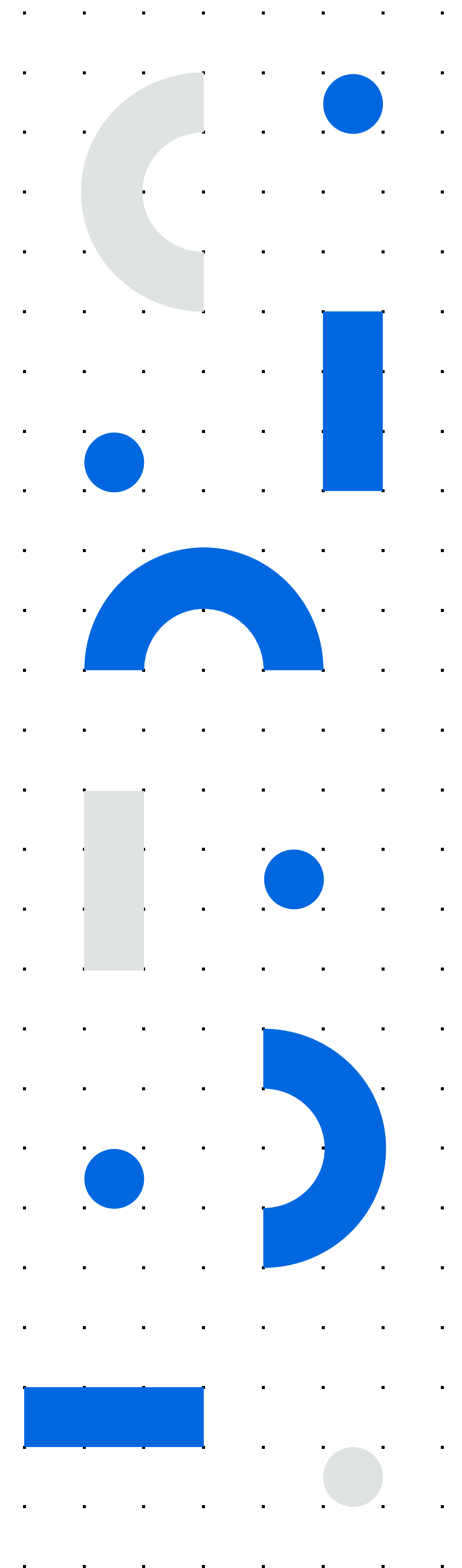
**RPA Implementation Manager  
Foundation**

06/05/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Diploma of Completion

Proudly presented to:

**K Praveen Shenoy**

For successfully completing the course:

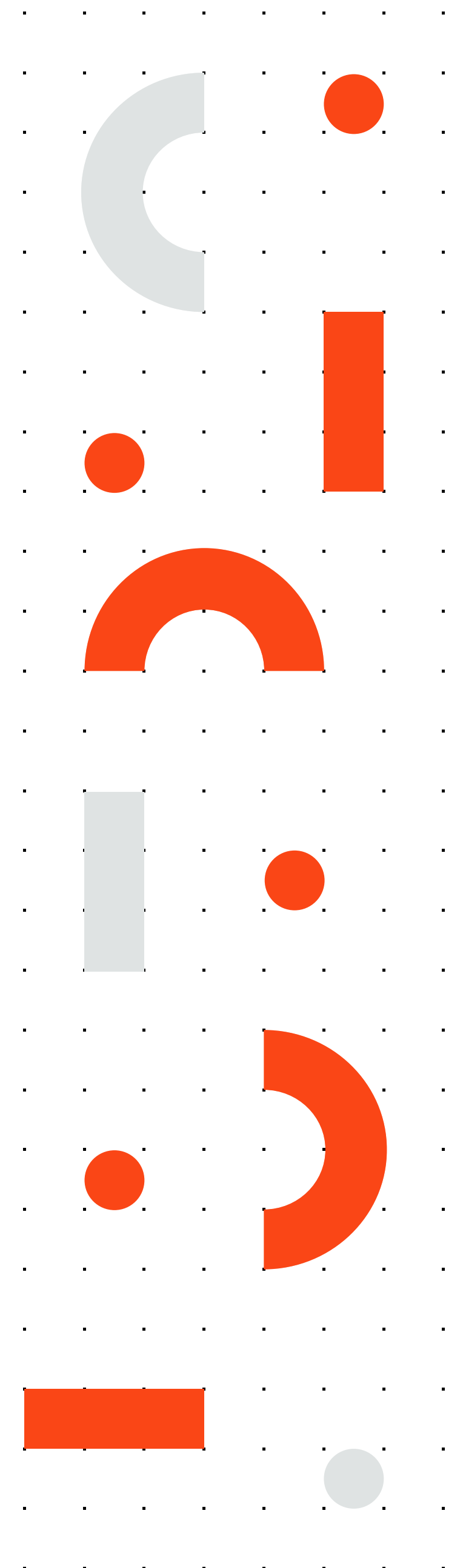
**RPA Starter**

06/05/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Diploma of Completion

Proudly presented to:

**Sowmya Kini**

For successfully completing the course:

**RPA Implementation Methodology  
Fundamentals**

06/12/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Diploma of Completion

Proudly presented to:

**Sowmya Kini**

For successfully completing the course:

**RPA Starter**

06/08/2020

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**  
Chief Learning Officer





# Diploma of Completion

Proudly presented to:

Ramalingam H M

For successfully completing the learning plan:

RPA Implementation Manager  
Foundation

06/03/2020

Date of issue

A handwritten signature in cursive script, appearing to read "Thomas P. Clancy".

Thomas P. Clancy

Chief Learning Officer



Join us for the event

# RPA SKILL-A-THON 2020 RECOGNITION EVENT

Recognizing Top Performing institutions

## GUEST OF HONOUR



■ **Murli Mohan**  
Vice President, India Business  
at **UiPath**



■ **Chandrasekhar Buddha**  
Chief Coordinating Officer,  
**AICTE**, Ministry of Human Resource  
Development, Government of India



■ **Balamurugan SP**  
CoFounder & CEO - **GUVI**

Date & Time

**July 3<sup>rd</sup> - 11 AM**

Mark your  
calendar!





**Nischitha**

is here by awarded the certificate of achievement for  
the successful completion of

**Step into Robotic Process Automation**

during GUVI's RPA **SKILL-A-THON** 2020



S.P. Balamurugan

Co-founder, CEO

Valid certificate ID b11r9A89tC056xoN05

Verified certificate issue on June 1 2020

Verify certificate at [www.guvi.in/certificate?id=b11r9A89tC056xoN05](http://www.guvi.in/certificate?id=b11r9A89tC056xoN05)

In association with





**Abhilash**

is here by awarded the certificate of achievement for  
the successful completion of

**Step into Robotic Process Automation**

during GUVI's RPA **SKILL-A-THON** 2020

  
S.P. Balamurugan

Co-founder, CEO

Valid certificate ID ybe7S9B5i72iF13iR0

Verified certificate issue on June 2 2020

Verify certificate at [www.guvi.in/certificate?id=ybe7S9B5i72iF13iR0](http://www.guvi.in/certificate?id=ybe7S9B5i72iF13iR0)

In association with





## UiPath ACADEMIC #RPA CHAMP 2019

In association with **UiPath**  
Nov 6<sup>th</sup> - 7<sup>th</sup> 2019

The trend towards automation is progressing all the time. Now that AI is on the scene, industry and commerce are standing on the verge of perhaps the greatest rush into automation ever. Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate humans actions interacting with digital systems and software. An Awareness Camp on Robotic Process Automation was conducted in association with UiPath. The Students were given an awareness of RPA. This was followed by an online evaluation where participants got to prove their RPA skills. The objective of the workshop was to bring awareness on RPA to the students

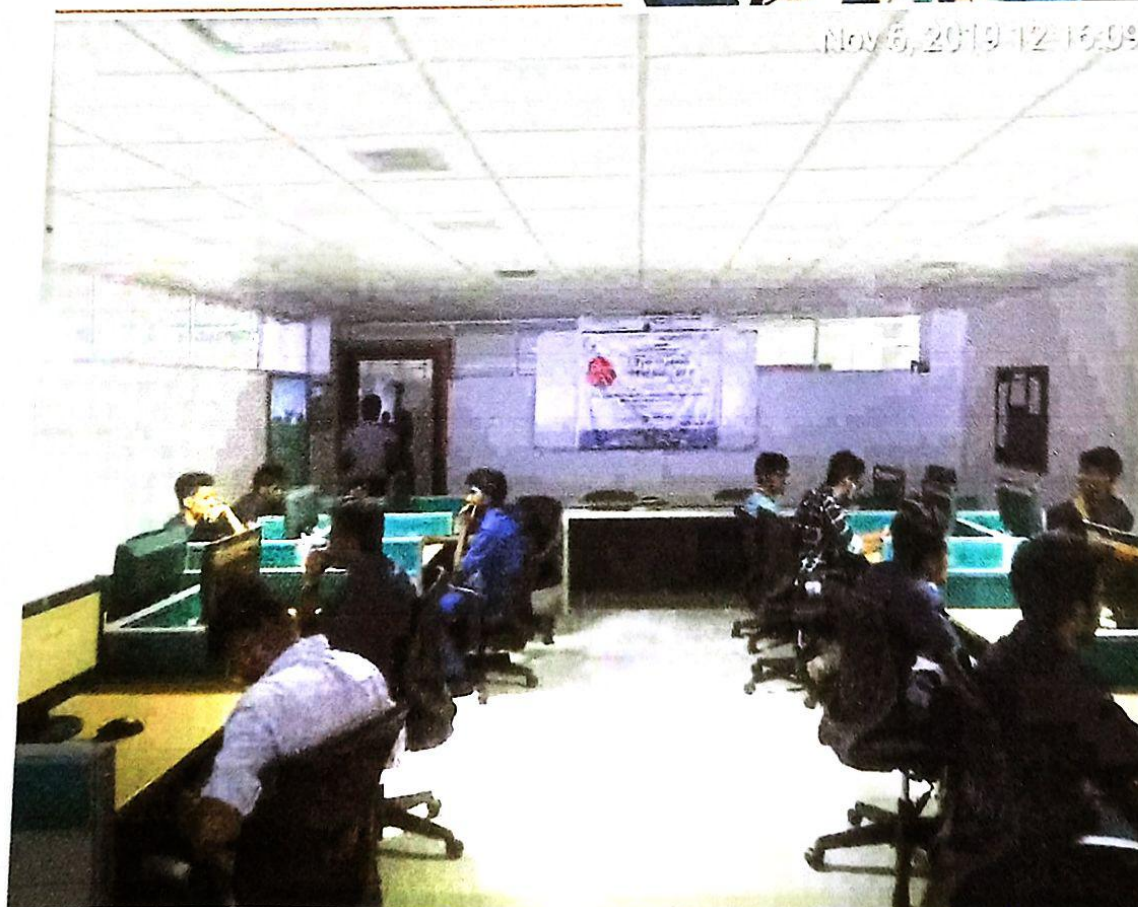
- A total of 1970 students attended the Camp and got certified.

**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**  
(An ISO 9001:2015 certified Institution)  
(A unit of Rajalaxmi Education Trust, Mangalore)

**UiPath Academic**  
**#RPACHamp 2019**  
Date : Nov 6<sup>th</sup> - 7<sup>th</sup> 2019

*How do you fare with the Top Automation Technology in the Industry?  
What's your Automation Skill Level?  
Find out and Get Certified*

Organized by **IEEE MITE** **MITE Career Guidance Cell**



Nov 6, 2019 12:16:09

*Na*  
Narendra U P  
Dean (Placement & Training)



# Diploma of Completion

Proudly presented to:

Ramalingam H M

For successfully completing the learning plan:

RPA Developer Advanced

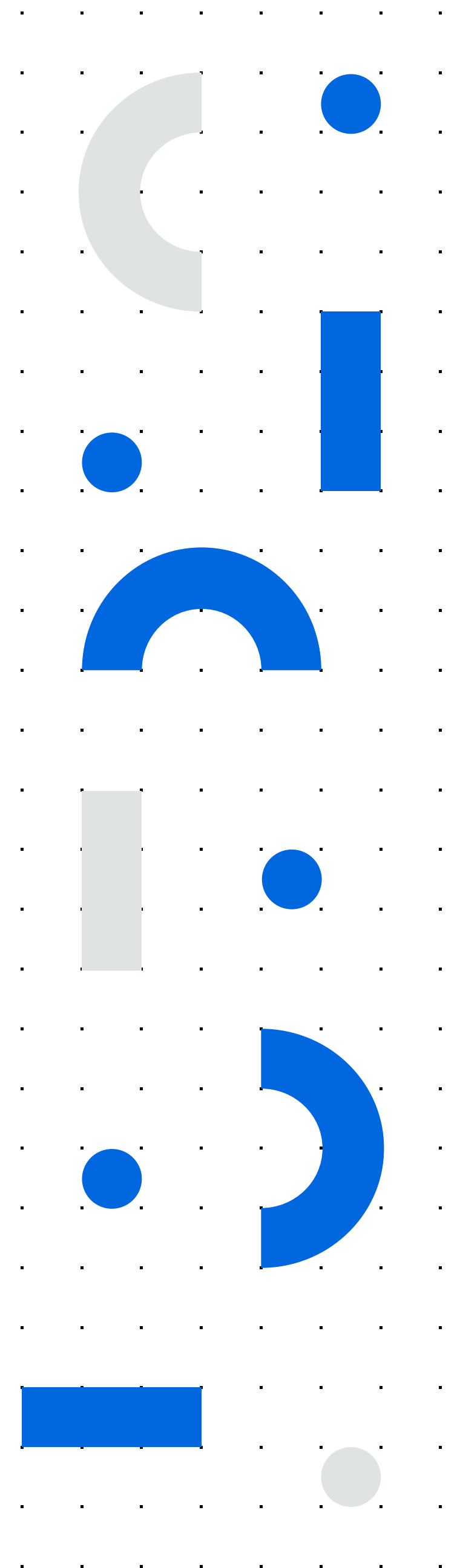
06/07/2019

Date of issue

A handwritten signature in black ink, reading "Thomas P. Clancy".

**Thomas P. Clancy**

Chief Learning Officer







# Diploma of Completion

Proudly presented to:

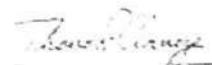
Ramalingam H M

For successfully completing the course:

AI Computer Vision

06/10/2019

Date of issue



Thomas P. Clancy  
Chief Learning Officer



# EDUCATOR SERVICE ANNIVERSARY

Presented to

**Shiva Prasad**

for ONE YEAR of active participation and commitment to building skills  
at UiPath Academic Alliance Partner Institution.

Partnership id - 0031Q00002FTw8yQAD  
Issued on - January 2021

# Diploma of Completion

Proudly presented to:


Shivaprasad T K

For successfully completing the course:

Introduction to the RPA Developer  
Role

05/09/2019

Date of issue

  
Thomas P. Clancy  
Chief Learning Officer

**TALK ON 'Robotic Process Automation'**  
**By Mr. Basavadarshan G N**  
**Program Manager, UiPathAcademic Alliance**  
**3<sup>rd</sup> May 2019**

**Mr. Basavadarshan G N, Program Manager, UiPath Academic Alliance** delivered a Talk on 'Robotic Process Automation' (RPA) on 3<sup>rd</sup> May 2019. **MITE is an Academic Alliance partner Institute of UiPath.** As part of the alliance UiPath will be offering free RPA Certification courses to all the students.

The Objective of the talk was to provide an exposure to RPA Platform and the Certification courses

The talk focused on the following aspects:

- Background of UiPath - UiPath is a global software company that develops a platform for robotic process automation. Per Gartner, the combination of RPA with process mining, AI, machine learning and analytics is best described as hyperautomation.

What is Robotic Process Automation?

Robotic Process Automation is the technology that allows anyone today to configure computer software, or a "robot" to emulate and integrate the actions of a human interacting within digital systems to execute a business process. RPA robots utilize the user interface to capture data and manipulate applications just like humans do. They interpret, trigger responses and communicate with other systems in order to perform on a vast variety of repetitive tasks.

About the Speaker : Mr. Basavadarshan is the Program Manager - UiPath Academic Alliance(India & SAARC) Previously he has also worked at ICT Academy as a Relationship Manager.





## Annexure 22: MITE bags third position in All India Robotic Process Automation – Skillathon 2020 Conducted by Guvi & UiPath

THE TIMES OF INDIA

EDUCATION

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[NEWS](#) / [EDUCATION](#) / [NEWS](#) / MITE SECURES ALL INDIA THIRD POSITION IN GUVI'S RPA SKILL-A-THON

TOP SEARCHES:

UPMSP Result 2021

ASSAM HSLC Result

Bihar Board Dummy Registration Card

CLAT Result

THIS STORY IS FROM JULY 04, 2020

# MITE secures all India third position in Guvi's RPA Skill-a-Thon

Kevin Mendonça | TNN | Jul 4, 2020, 21:25 IST

A- A+

**MANGALURU:** The Mangalore Institute of Technology and Engineering, Moodbidri secured the third position in the All India Robotic Process Automation Skillathon conducted by Guvi and UiPath during June 2020.

The Recognition ceremony for the top institutions was held on July 3 through a virtual ceremony. The Skillathon event was conducted to provide students an opportunity to add a new skill and get exposure to the Robotic Process Automation (RPA). The event conducted in the month of June witnessed 400 plus colleges across the country and about 60,000 participants. Around 2600 students of MITE had participated in this national event, and got certified. The evolving technologies in Artificial Intelligence and Automation is creating enormous opportunities for the industries and the economy.

Page 213



Ganesh V.N. <ganesh@mite.ac.in>

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## Fwd: Offer of Employment – KPIT Technologies Limited

1 message

Head EC <hodece@mite.ac.in>

Mon, Jul 15, 2019 at 3:03 PM

To: "Ganesh V.N." <ganesh@mite.ac.in>, Sri Krishna Shastri C <krishnashastri@mite.ac.in>, "Ramalingam H.M" <ramalingam@mite.ac.in>

----- Forwarded message -----

From: Reesha Darrel <reeshadarrel@gmail.com>

Date: Mon, Jul 15, 2019 at 3:03 PM

Subject: Fwd: Offer of Employment – KPIT Technologies Limited

To: <hodece@mite.ac.in>

----- Forwarded message -----

From: Reesha Darrel <reeshadarrel@gmail.com>

Date: Mon, 15 Jul 2019, 2:58 pm

Subject: Fwd: Offer of Employment – KPIT Technologies Limited

To: Reesha Darrel <reeshadarrel@gmail.com>

----- Forwarded message -----

From: KPIT TAG <TAG\_Admin@kpit.com>

Date: Thu, 16 Aug 2018, 5:49 pm

Subject: Offer of Employment – KPIT Technologies Limited

To: <reeshadarrel@gmail.com>

width=

**Dear Darrel Reesha Pinto,**

We enjoyed our recent discussions with you and are impressed with your professional experience and qualifications. It is our pleasure to extend the offer of Employment to you. The attached offer letter officially confirms the terms of your Employment.

A very warm welcome to the KPIT team. We believe that you will enjoy the vibrant & challenging environment at KPIT.

**Date of Joining - To be announced post PACE**

**Joining Location - To be announced post PACE**

You need to get the documents which are mentioned in the offer letter

29-09-2019, 17:14

on 1st day of your joining. Please bring the originals & photocopies of the said documents along with a printout of this email. Additionally, please bring the Offer Letter and 2 US Visa Specification photographs. For further queries / clarifications feel free to contact campus@kpit.com We look forward to a mutually rewarding and a long term career association with you.

**Accept      Reject**

Please click on above buttons to Accept / Reject your offer & we encourage you to be an active member of KPIT on our social media channels:



**Social:** Facebook | Twitter | LinkedIn | YouTube

[www.kpit.com](http://www.kpit.com)

This message contains information that may be privileged or confidential and is the property of the KPIT Technologies Ltd. It is intended only for the person to whom it is addressed. If you are not the intended recipient, you are not authorized to read, print, retain copy, disseminate, distribute, or use this message or any part thereof. If you receive this message in error, please notify the sender immediately and delete all copies of this message. KPIT Technologies Ltd. does not accept any liability for virus infected mails.

--  
Thanks & regards

HOD E&C  
MITE, MOODABIDRI-574225

📎 Darrel\_Reesha\_Pinto\_289308.pdf  
143K



**Fwd: [MITE-RD-2018-19-001] : KPIT ||**

1 message

Ranjith HD <ranjithhd@mite.ac.in>  
To: "Ganesh V.N." <ganesh@mite.ac.in>

Sat, Sep 28, 2019 at 2:55 PM

----- Forwarded message -----

From: **Placement MITE** <placement@mite.ac.in>  
Date: Mon, Feb 11, 2019 at 4:39 PM  
Subject: Re: [MITE-RD-2018-19-001] : KPIT ||  
To: mite\_be\_2019 <mite\_be\_2019@mite.ac.in>  
Cc: Ramalingam H.M <ramalingam@mite.ac.in>, Ranjith HD <ranjithhd@mite.ac.in>, Jinaprasad K <jinaprasad@mite.ac.in>, Head EC <hodece@mite.ac.in>

Dear All,

The Second Phase of KPIT Recruitment Process will be conducted tomorrow, for the candidates of **all Branches** who have received the registration link.

1. Students who have received the link, Kindly complete the Registration Process, today before the deadline. Only then, you will be eligible for the Test
2. The Test can be taken in the 11 Floor Computer Labs tomorrow starting from 9am. Kindly bring your Laptop with webcam.
3. Ensure the Laptop is fully charged, and you have the adapter.
4. Bring your resume and keep the data in hand (including all the grades), in case the same has to be entered online.
5. Have a soft copy **updated** resume and photograph in the system.

Tests can be taken at 11 Floor labs starting 9am.

**Regards,**  
**Narendra**

On Mon, Aug 13, 2018 at 3:44 PM Placement MITE <placement@mite.ac.in> wrote:  
Dear All,

The following Candidates are selected in the final round of KPIT and given the offer.

- 1. Nagraj Biradar
- 2. Atreya Chiplunkar
- 3. Darrel Reesha Pinto
- 4. Fidha Shirin

**Regards,**  
**Narendra**  
**Dean (T&P)**

Mangalore Institute of Technology and Engineering (MITE)  
Badagamar Moodbidri- 574225  
Tel : +91 8258 262655 EXT - 151,152,153  
website: www.mite.ac.in

On Fri, Aug 3, 2018 at 3:25 PM Placement MITE <placement@mite.ac.in> wrote:  
Dear All,

The following Candidates are shortlisted in the First Round of KPIT Test. Candidates are required to assemble at Placement Center today at 4:30pm.

The final Interview will be on Aug 6th Monday.

Reporting Time : 9am at Placement Center, with strict formals and professional attire, with resumes/photograph and all necessary documents.

Kindly do a rigorous study of Basic Fundamentals, specifically Micro controllers Programming.

No	First Name	Email Address
----	------------	---------------

28-09-2019, 19:26



1	Denold Jason Sequeira	densequeira3469@gmail.com
2	Atreya Chiplunkar	atreychiplunkar@gmail.com
3	Sachin S	sachinshridhara5@gmail.com
4	Darrel Reesha Pinto	reeshadarrel@gmail.com
5	Punith Devadasa	punith9341@gmail.com
6	Fidha Shirin	fidhashirin1@gmail.com
7	Deeksha Kotian	deekshakotian072@gmail.com
8	Anusha R	anushar1828@gmail.com
9	Apoorva E	apoorvavasista224@gmail.com
10	Nidhi Dayanand	nidhinai577.nd@gmail.com
11	Ninadha Venugopal	ninadhavenu@gmail.com
12	Akshitha G Shettigar	akshithagshettigar@gmail.com
13	Rashni Poojary	rashnipoojary2@gmail.com
14	Swathi Nayak	swathinhdk@gmail.com
15	Glenita D'souza	dsouzaglenita@gmail.com
16	Varnasri Jain M	varnasrijainm@gmail.com
17	Sonali Prakash	sonalisonu0617@gmail.com
18	Mohammad Rihan Khan	rihankhanrk@gmail.com
19	Nagraj Biradar	bnagu19@gmail.com
20	Nishan Shetty	nishanishetty7@gmail.com
21	Sumanth C Jain	sumanthjain29@gmail.com
22	Pradeep .	pradeeppoojary557@gmail.com
23	Rakshith Hansha	rakshith.sorpu@gmail.com
24	K P Vishal Kumar	vishalshettigar58@gmail.com
25	Pradeep M	pradeepmshettigar@gmail.com
26	Prajwal Sadhu Poojary	spprajwal55@gmail.com
27	Subraya Nayak	subrayanayak22@gmail.com
28	Ranjitha Shettigar	ranjithamijar@gmail.com
29	Bhakthi Shetty	shettybhakthi21@gmail.com

Regards,

Jinaprasad

Sr Executive (T&P)

Mangalore Institute of Technology and Engineering (MITE)

Badargemall, Mangalore - 574225

Tel : +91 825 267655 EXT - 151, 152, 153

Website : [www.mite.ac.in](http://www.mite.ac.in)

On Sat, Jul 26, 2018 at 10:40 AM Placement MITE <placement@mite.ac.in> wrote:  
Dear All

Greetings from Team Placement.

We are starting the Recruitment Process of Graduating Batch 2018-19 with a Core drive of KPIT for Electronics & Communication Engineering Graduates.

Kindly refer the details below very clearly, go through the website of KPIT, AND REGISTER in the given link before tomorrow.

Eligibility : Only 55% (6.25 CGPA) are required to attend and register.

While registering, have the following :

1. RESUME (doc/pdf) of size < 2MB;
2. PHOTO as per US VISA Standard (JPG/JPEG/PNG)

<https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/photos.html>

Kindly visit a studio and inform US Visa and get the soft copy in a pen drive/ email.

Recruitment Process Registration Link :

<https://talentio.kpit.com/tpo/app/job-apply/#/Campus/20445/64>

Company Link : <http://www.kpit.com/>

Test Date : July 30 [ You need to compulsorily attend the test with a Laptop having Webcam]



# MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(ISO 9001:2008 Certified Institution)

(A Unit of Rajalaxmi Education Trust<sup>®</sup>, Mangalore-575001)

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

## Consolidated report on the number of students placed in KPIT

Sl. No	Year	No of Students
1	2019	14
2	2018	13
3	2017	3

**Offer Letter and Terms of Employment**  
Date: 01.10.2019

Dear Dhanyashree Dinesh,

At the outset, we would like to extend our sincere thanks for exploring career opportunities with KPIT. Further to our discussions, we are delighted to extend you an offer of employment.

This offer is based on your profile, relevant work experience and performance in the selection process.

- Role: Trainee
- Designation: Trainee
- Grade: A

**Your Total Target Compensation including all benefits will be Rs. 3,60,000/- (Three Lakh Sixty Thousand) per annum; upon Successful Completion of KPIT Elective (If Applicable).** Annexure A provides a detailed break-up of the compensation package.


You shall be governed by the terms and conditions of service during your employment with KPIT as per existing policies and those that may be amended from time to time.

Kindly confirm your acceptance through the system generated email within 7 days from the date of this offer beyond which this offer is considered null and void. Your offer is subject to a positive background check and in case the background check comes out negative, company reserves the right to terminate your services with immediate effect.

You will be eligible for Gratuity, Medclaim and Group Personal Accident Insurance benefits as per the company policy. The duly signed appointment letter will be issued to you on the first day of your joining at KPIT only upon submitting your valid testimonials and related joining formalities.

A new assignment, work place and colleagues, await you to jump start to achieve the company's vision of building a global Mobility Organization. Work life at KPIT is all about mobility, enabling our customers by accelerating implementation of next generation mobility technologies. We value fun as an integral part of our culture.

Yours Sincerely,  
For: KPIT Technologies Limited



**KNS Acharya**  
Vice President  
Talent Acquisition Group (TAG)  
Education & Competency Development (ECoDe)

**KPIT Technologies Limited**

Registered & Corporate Office: Plot 17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase III, Maan,  
Taluka - Mulshi, Hinjawadi, Pune - 411057, India. | CIN: U74999PN2018PLC174192

O +91 20 6770 0000  
E info@kpit.com  
W kpit.com



Date: 16/08/2018

Dear Fidha Shirin,

Sub: Offer letter

## A very Warm WELCOME to KPIT Family!

We are excited to have you as a part of **KPIT Technologies Ltd.** ("Company") and we believe that you can use your skills and talent in making our company reach new heights.

### Welcome onboard new buddy!

Our goal At KPIT:

To achieve a leadership position in our business by becoming the 1st choice of our customers.

People are what make this industry tick. Then be it senior managers, key decision makers, or fresh out-of-college graduates. In fact many of our present top performers started out in KPIT as trainees, who have over the years grown into leaders and tech experts!

We truly believe that you would prove to be an asset to KPIT Family.

With reference to the discussions that we had with you, we are pleased to offer you a position of **Trainee** in **KPIT Technologies Ltd.** ("Company").

Your compensation package will be as below -

S.No.	Amount	Details
1)	INR. 3,25,000 PA	Upon Successful Completion of KPIT Elective (If Applicable).

Please note that, all statutory deductions as may be applicable, will be effective from the date of joining. You are required to produce the supporting documents of investment proofs in order to get the Income Tax benefit. After joining you may undergo formal training and on-the-job assignments, and successful completion of this training, if applicable is mandatory to continue your employment.

## Culture at KPIT!

- KPIT has open door policy which makes the work culture transparent and easy to approach
- It always gives opportunities and challenges beyond your current role to prove yourself and achieve greater heights
- KPIT has an open culture, a great work environment, and offers a sense of belonging to employees, which is conducive to future growth.
- KPIT is the perfect place for someone looking for a challenging, fast growing environment with opportunities to take on bigger responsibilities and learn cross functional skills



- With a relatively flat organizational structure, KPIT encourages innovative thinking and gives everyone a sound hearing, regardless of the seniority of the individual.
- Channelization of raw energy and execution of good ideas is brought in by young employees like you.
- KPIT gives you a platform for new ideas and a lot of innovation is fostered here
- Gives you an opportunity to discuss ideas with the senior management and be enabled to execute them, at a relatively early stage of your career.

## Corporate Social Responsibility (CSR):

Community Contribution is one of the seven core values at KPIT. It has a significant mention in our mission and vision to reflect our commitment towards it.

### Few of our CSR Initiatives:

- Chhote Scientists
- Zero Garbage Drive
- Farm Ponds
- One Tree One Child Program
- School Kit Drive



## The Dhoom Club:

Where passion comes alive, where a world of awesomeness, away from the drudgeries of mundane work awaits you, where we take fun seriously!

Dhoom caters to a wide variety of interests - **sports, music, photography, art, theatre, treks.**

Get ready to showcase your talent even at Work!



## Documents to be produced at the time of joining:

### Original & 2 sets of self-attested photo copies to be brought on the date of joining

1. PAN card
2. Copy of DOB (e.g. Driving license/PAN Card/Passport Copy/School Leaving Certificate/Birth Certificate etc.)
3. Permanent Address Proof
4. Bachelor's Degree along with Certificate and Mark sheets - 2 Copies
5. Master's Degree along with Certificate and Mark sheets - 2 Copies
6. Diploma along with Certificate and Mark sheets
7. Secondary and Higher Secondary certificates
8. Previous employer's relieving letter/experience certificate (If applicable)
9. Previous employer's appointment letter (If applicable)
10. Two Photographs (as per US visa specifications 50 x 50 mm, 80% face, white background)
11. Name Change Documents (If applicable)
12. Passport (is not currently a mandatory document as long as we have a photo id)

**We welcome you to KPIT Technologies Ltd. and wish you a successful career with us.**



## Terms and Conditions

Your appointment as a **Trainee** will be subject to the standard terms and conditions as below, as indicated in **Annexure A** and the Policies & Processes of the Company as prevailing from time to time.

1. You will also be required to sign an Employee/Trainee agreement of 2 years on the date of joining the Company (For some additional technology trainings, there will be a separate additional bond). In the event of breach of the terms of the agreement, you will be liable and responsible to forthwith pay on demand to the Company a sum of INR 2 Lakhs. The detailed terms and conditions are given in the agreement. You acknowledge that you are willing to sign the Employee/Trainee agreement at the time of joining.
2. The structure of the compensation package offered to you will be as per the prevailing Company policy at the time of your joining.
3. You will be required to attend duties as and when required in any shift in existence or which may be started subsequently as per the requirement of the Organisation. It should not be presumed that the scope of your duties is circumscribed or limited by your designation and it should be clearly understood that we reserve to ourselves the absolute right to allot you any type of duties whatsoever consistent with the work requirement and the nature of your employment. On joining you would undergo a rigorous training program (formal training and on-the-job assignments) with us for a maximum period of one year from the date of joining. During this period you will be assessed at regular intervals. In case your performance during training period is not satisfactory, the company has the right to terminate your services with immediate effect without any notice or without any salary in lieu of.
4. **Transferability/ Mobility:** For fulfilling the Company's business needs from time to time, you may be transferred; assigned and/or deputed, at the discretion of the Company, to any other locations in India or abroad other than your location at the time of your appointment. You will be covered by the Policies, processes and the terms and conditions applicable at the place where you shall be posted / transferred / deputed.
5. The Company can initiate movement of your employment to any other organization for any reason including but not only limited to mergers, movement to joint ventures/ group companies/ sister concerns, divestment, in case of mutual agreement between the Company & customer for you moving to customer's roll etc.
6. Throughout your employment with the Company, you should be medically fit and free from any disease. It will be open for the Company to require you to undergo such medical test as may be determined and in the event, the Company finds it unsuitable for you to be continued on medical grounds, the decision of the Company in that case shall be final and your service will be liable to be terminated.
7. The letter of offer is being issued to you on clear understanding that there is nothing on your past record which would have prevented the management from offering you employment. If however, it is found at any time hereinafter that your past record is objectionable or if any declaration given by you or statement made by you to the Management is false or if you have wilfully suppressed any material information, in such a case you will be liable to be terminated from the services of the company forthwith without any notice or without any salary in lieu of notice.
8. Please bring the documents as listed above (original and 1 set of photocopies) on your date of joining: The joining date and location will be communicated to you in due course and you shall join after the date of joining is duly communicated to you.
9. **Conditional Offer:**
  - The offer is valid subject to:
    1. Passing of KPIT PACE Assessment (if applicable)
  - Your joining in the organization is subject to:
    1. Completion of degree in stipulated time frame, without keeping any terms/backlog and is eligible for award of degree certificate by the respective University.
    2. Submission of all the relevant academic certificates / mark sheets



In case at the time of joining the Company OR within a time specified by the Company, the candidate is not able to produce the above documents, the employment will end with immediate effect.

10. Extension in date of joining: Extension in date of joining would be granted on the basis on medical & emergency cases. Any request for extension in joining, should be consulted with the recruiter at least 3 days prior to the date of joining & need to be supported with medical documents. Providing extension is solely at the company decision.

**I accept the terms and conditions offered.**

Name: Raghesh Nair

Name (Candidate): Fidha Shirin

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: 16/08/2018

Date: \_\_\_\_/\_\_\_\_/20\_\_\_\_

Place: \_\_\_\_\_

## Education & Competency Development

### CoDe

IT - 3 Building, 3rd Floor  
Neopro Technologies Pvt. Ltd.  
Blue Ridge SEZ Survey No. 154/6, Plot No: 2  
Nr. Rajiv Gandhi Infotech Park, Phase I,  
Hinjewadi, Pune - 411057

**Please sign and return a copy of this letter, duly affixing your 'full signature' on the signature block above and 'initials' on the remaining pages along with the Annexure.**

## ANNEXURE A

1. You are required to maintain confidentiality about the Company's business affairs, techniques, processes, and management, which may come to your knowledge during your employment. The Company shall have Intellectual Property Rights over all products, techniques, processes, patents etc. that you may create or develop in the course of your training period with the Company.
2. You shall be accountable for all Company property and equipment entrusted to you and shall be required to surrender all such property including documents and manuals immediately after completing your training period.
3. You are required to keep the Company informed of any change pertaining to any of the declarations made by you at the time of your interview.
4. Validity: The validity of the offer is subject to you fulfilling all the conditions applied in the recruitment process. This includes successful completion and passing of the PACE Assessment as well as the course in the first attempt (in case result awaited/If Applicable) while/post joining the Company.
5. Leave: You will be entitled to paid leave as per company policy
6. During your engagement with the Company, you shall not engage in any other service, profession or business
7. You will be governed by the Terms & Conditions, Policies & processes of the company as may be applicable from time to time.
8. Retirement: You will retire from services on reaching your 60th birthday as per the proof of age submitted by you on time of joining.
9. Letter of appointment: You will issued a letter of Appointment at the time of your joining after completing joining formalities.
10. Annual & Monthly Compensation Plan



06/06/2019

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Darrel Reesha Pinto** who is pursuing her **Bachelor of Engineering in Electronics and Communication** from **Mangalore Institute of Technology & Engineering, Moodabidri** has undergone her training on following Project at KPIT Technologies Ltd: -

**Project Title – V2V Communication Using RF** under the guidance of **Rajesh Sola**

**Duration: 21/01/2019 to 28/02/19**

KPIT holds the Intellectual Property Rights for the work done. We declare that the report is authentic and verified by mentors and have ensured that no confidential information / content is mentioned in the report.

We wish all the best for her further studies and future career.

For KPIT Technologies Ltd.

**KNS Acharya**  
**Vice President**  
**Education & Competency Development**

**Rajesh Sola**  
**Education Specialist - ECoDe**  
**PES**

**KPIT Technologies Limited\***

Corporate and Registered Office: Plot # 17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase III, Maan, Taluka - Mulshi, Hinjawadi, Pune - 411057, India.

Phone: + 91 20 67706000 / 6500 | kpitin@kpit.com | www.kpit.com | CIN: U74999PN2018PLC174192

Current name of the company is KPIT Engineering Limited. Pursuant to order of the National Company Law Tribunal, the name of the company will change to KPIT Technologies Limited, in due course.



06/06/2019

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Fidha Shirin** who is pursuing her **Bachelor of Engineering in Electronics and Communication** from **Mangalore Institute of Technology & Engineering, Moodabidri** has undergone her training on following Project at KPIT Technologies Ltd: -


**Project Title – V2V Communication Using LI-FI** under the guidance of **Rajesh Sola**

**Duration: 21/01/2019 to 28/02/19**

KPIT holds the Intellectual Property Rights for the work done. We declare that the report is authentic and verified by mentors and have ensured that no confidential information / content is mentioned in the report.

We wish all the best for her further studies and future career.

For KPIT Technologies Ltd.



**KNS Acharya**  
**Vice President**  
**Education & Competency Development**



**Rajesh Sola**  
**Education Specialist - ECoDe**  
**PES**

### KPIT Technologies Limited\*

Corporate and Registered Office: Plot # 17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase III, Maan, Taluka - Mulshi, Hinjawadi, Pune - 411057, India.

Phone: + 91 20 67706000 / 6500 | [kpitin@kpit.com](mailto:kpitin@kpit.com) | [www.kpit.com](http://www.kpit.com) | CIN: U74999PN2018PLC174192

\*Current name of the company is KPIT Engineering Limited. Pursuant to order of the National Company Law Tribunal, the name of the company will change to KPIT Technologies Limited, in due course





06/06/2019

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Nagraj** who is pursuing his **Bachelor of Engineering in Electronics and Communication** from **Mangalore Institute of Technology & Engineering, Moodabidri** has undergone his training on following Project at KPIT Technologies Ltd: -

**Project Title – Adaptive Lightning System** under the guidance of **Rajesh Sola**

**Duration: 21/01/2019 to 28/02/19**

KPIT holds the Intellectual Property Rights for the work done. We declare that the report is authentic and verified by mentors and have ensured that no confidential information / content is mentioned in the report.

We wish all the best for his further studies and future career.

For KPIT Technologies Ltd.

**KNS Acharya**  
**Vice President**  
**Education & Competency Development**

**Rajesh Sola**  
**Education Specialist - ECoDe**  
**PES**

**KPIT Technologies Limited\***

Head Office and Registered Office: Plot # 17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase III, Maan, Taluka - Mulshi, Hinjawadi, Pune - 411057, India.  
Phone: + 91 20 67706000 / 6500 | [kpitin@kpit.com](mailto:kpitin@kpit.com) | [www.kpit.com](http://www.kpit.com) | CIN: U74999PN2018PLC174192  
The name of the company is KPIT Engineering Limited. Pursuant to order of the National Company Law Tribunal, the name of the company will change to KPIT Technologies Limited, in due course



06/06/2019

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Atreya Chiplunkar** who is pursuing his **Bachelor of Engineering in Electronics and Communication** from **Mangalore Institute of Technology & Engineering, Moodabidri** has undergone his training on following Project at KPIT Technologies Ltd: -

**Project Title – Power Door Lock System** under the guidance of **Rajesh Sola**

**Duration: 21/01/2019 to 28/02/19**

KPIT holds the Intellectual Property Rights for the work done. We declare that the report is authentic and verified by mentors and have ensured that no confidential information / content is mentioned in the report.

We wish all the best for his further studies and future career.

For KPIT Technologies Ltd.

**KNS Acharya**  
**Vice President**  
**Education & Competency Development**

**Rajesh Sola**  
**Education Specialist - ECoDe**  
**PES**

**KPIT Technologies Limited\***

ate and Registered Office: Plot # 17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase III, Maan,Taluka - Mulshi, Hinjawadi, Pune - 411057, India.

Phone: + 91 20 67706000 / 6500 | kpitin@kpit.com | www.kpit.com | CIN: U74999PN2018PLC174192

: name of the company is KPIT Engineering Limited Pursuant to order of the National Company Law Tribunal, the name of the company will change to KPIT Technologies Limited, in due course



ENERGY  
& MOBILITY  
For the Future



## CERTIFICATE OF PARTICIPATION

**Chetana Naik - INSPRKL19003892**

Team KPIT Sparkle 2019 is delighted to recognize you as a **Rising Innovator**. Thank you for participating in KPIT Sparkle 2019. We appreciate your efforts.

KPIT Sparkle 2019, an all India contest of Science and Engineering students, attracted ideas from the most innovative minds for Energy & Mobility for the Future. Your idea contested against 2,000+ Ideas from 22,000 participants across 26 states in India. All ideas were examined for Novelty, Social Impact, Technical Prowess and Totality of Prototype.

We recognize your efforts. Keep Innovating!

**All the best.**

**Anup Sable**  
CTO, KPIT Technologies Limited



# M'luru engg college project wins award

**TIMES NEWS NETWORK**

**Mangaluru:** Students of Mangalore Institute of Technology & Engineering (MITE) have bagged platinum award at KPIT Sparkle for their project 'Frictionless gear transmission using polymagnets'.

The award, which carries a prize of Rs 10 lakh, was bagged during KPIT Sparkle, an annual All India Science and Engineering Students Contest held by KPIT Technologies Ltd. Rajesh Chowta, chairman of MITE, Moodbidri, said that since its inception in 2014, this has been a must-go event for the students from science and engineering colleges.

He said MITE team 'Alpha Gears' emerged victorious in the contest evaluated

by a panel of eminent jurors from various parts of the globe. The team comprised of final year mechanical engineering students Shara-fath Shahsu V P, Nandu J Krishnan, Sayuj Vijayan T and Mohammad Asif Abdulla guided by Saviraj A S. "They received the prestigious platinum award from the Union human resource department minister Prakash Javadekar at Pune on February 19," he added.

Explaining about the project 'Frictionless gear transmission using polymagnets', he said the technology will be used in automobile technology, where it will replace current gear mechanism with poly-magnetic gear system. It will reduce heat-generation in vehicle and last long upto 100 years once installed.





# MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

An ISO 9001:2015 Certified Institution  
(A Unit of Rajalaxmi Education Trust<sup>(R)</sup>, Mangalore)



*Inauguration of 1<sup>st</sup> Batch*

## Centre of Excellence of Japanese Language & Culture



**MITE CAREER  
Guidance Cell**





**silverpeak**

Ref No 2020/JAN-SPGIOP/061

Together, we scale new heights!  
[www.silverpeakglobal.com](http://www.silverpeakglobal.com)

Date: 10/10/2019

**PROVISIONAL LETTER OF OFFER**

**INDUSTRY ORIENTED PROGRAM - January 2020**

Dear Nihad

Greetings from Silver Peak!!!

**Congratulations on being selected for the "Industry Oriented Program (IOP)" leading to a Career in Japan!**

We welcome you to take the first step towards your career in Japan. Learning the Japanese Language opens career opportunities in Japan and Japanese Organisations across the globe. Kindly note that this is a "Provisional letter of offer" for the "Industry Oriented Program", which includes the Japanese Language Program – Levels N5, N4 and N3 offered in India. Entry into the program is subject to you successfully clearing your registration process and documentation as stipulated. Please note that this offer is open for a period of 10 days only from the date of issue of the same.

The registration process for the Industry Oriented Program is as below –

1. The registration fee for the program is - Rs. 43,000/- (GST @ 18% is extra) and is payable immediately.
2. The registration form is available online/ download at [www.silverpeakglobal.com](http://www.silverpeakglobal.com).
3. Courier or hand-deliver the filled-out application to –  
**SilverPeak Global Pvt. Ltd., #41, 1<sup>st</sup> Floor, 8<sup>th</sup> E Main, Jayanagar 4<sup>th</sup> Block, Bangalore 560011.**
4. The duration of the program shall be for 6 (Six) months in India and shall include training in the Japanese Language and Culture. You shall be intimated about the exact venue and the timings of class before commencement of the IOP.
5. Post your Interview with the Japanese HR Company – K-YMCA (Kitakyushu) over video-conference and your selection, a "Conditional Letter of Offer" will be made to you.
6. Your final Onboarding Interview will take place after obtaining your Japanese Language Proficiency – Level N3 or higher. The "Work COE and Visa" process shall commence after the offer is accepted by you. The Visa process will be in confirmation with the prevalent Japanese Immigration rules and laws.
7. Your final placement is subject your proficiency of the Japanese Language, you clearing Japanese Language Certification – N3 Level, and clearing the final Job Interview. Your final Job may require you to work in Japan/ Japanese organisation anywhere in the world.
8. The applicant needs to fill-up the application form, read and understand the "Educational Advisory Services Agreement" and thereby sign and accept the terms and conditions at the time of application (candidate and parent/ guardian)

CIN: U74999KA2016PTC096793

SilverPeak Global





**silverpeak**

Together, we scale new heights!  
www.silverpeakglobal.com

Dear Namsatha. S

Date: 09/03/2018

Subject: Provisional Letter of Offer to the Japanese Language Program – Level N5 in India

Greetings from Silver Peak!

Congratulations on clearing the Japanese Career Eligibility Test (JCET)!

We welcome you to take the first step towards a career in Japan. Learning the Japanese Language opens career opportunities in Japan and Japanese Organisations across the globe. Kindly note that this is a Provisional Letter of Offer for the Japanese Language Program – Level N5 and entry into the program is subject to you successfully clearing your registration process.

The registration process for the Japanese Language Program is as below –

- The registration cost for the program is - Rs. 35,000/- (GST @ 18% is extra)
- The registration form is available for download at [www.silverpeakglobal.com](http://www.silverpeakglobal.com)
- Courier or hand-deliver the filled-out application to - SilverPeak Global Pvt. Ltd., #41, 1<sup>st</sup> Floor, 8<sup>th</sup> E Main, Jayanagar 4<sup>th</sup> Block, Bangalore 560041
- The registration amount will have to be paid within 20 days from the release of this provisional Letter of offer.
- The JLP - N5 classes will commence from July 2018.
- The duration of the program shall be between 250-300 Hrs and shall include the training in the Japanese Culture. You shall be intimated about the exact venue and the timings before commencement of the JLP-N5.

Your remittances towards registration to the JLP - N5 can be made online or deposited at the nearest Axis Bank Branch to –

Organization: SilverPeak Global Pvt. Ltd.,  
Bank & Branch Name: Axis Bank, RBI Layout Branch  
Account Number: 916020050833295  
IFSC Code: UTIB0001185

\* Note: Don't forget to provide us with proof of deposit for us to raise a receipt.

The process after registration to the JLP - N5 and the payment schedule is attached as "Annexure".

We welcome you once again and wish to see you achieving great success in life!



Manager - HR,  
SilverPeak Global Pvt. Ltd.

CIN U74999KA2016PTC096793

SilverPeak Global Pvt. Ltd.  
#41, 1st Floor, 8th E Main, Jayanagar 4th Block, Bangalore 560 011

+91 80 4122 4499 . [info@silverpeakglobal.com](mailto:info@silverpeakglobal.com)

INDIA . JAPAN . SOUTH KOREA . NEPAL . SRI LANKA . PHILIPPINES





**silverpeak**  
**CAREERS IN JAPAN**

**Registration for October 2018 – Graduates and Engineers**

**Registration Process:**

1. After your registration to the Japanese Language Program (JLP) - N5, you shall apply to the College/ University in Japan wherein, you will undertake the JLP - N4 and N3.
2. The application process enables you to apply for the October 2018 batch.
3. A Letter of Offer shall be made to you by the respective College/ University after which, your "Student Visa" Process shall commence.
4. On successfully obtaining your Visa and clearance of the JLP - N5, you will fly to Japan to the College/ University which has been allocated to you to study the JLP.
5. Simultaneously, you shall be assisted by the Japanese College/ University to find a "Part-Time Job" to be undertaken alongside your JLP (within 90 days from your arrival in Japan). The Part-time Job may not be a technical Job.
6. Your final placement is subject to you clearing your Japanese Language Program – N5, N4 and N3, your proficiency of the Japanese Language and you clearing the Job Interview. Assistance for the Final Job shall be made by the respective College/ University in Japan. Your final Job may require you to work in Japan/ Japanese organisation anywhere in the world.
7. The applicant needs to fill-up the application form, read and understand the "Educational Advisory Services Agreement" and thereby sign and accept the terms and conditions at the time of application.

The payment schedule shall be as follows –

Event / Description	Amount	With 18%GST	Description and Dates
Registration fees on acceptance of "Letter of Offer"	Rs. 35,000/-	Rs. 41,300/-	Immediate
Application and Document filing	Rs. 60,000/-	Rs. 70,800/-	15 days from date of Registration
Visa Documentation + Flight Charges (India to Japan)	Rs. 75,000/-	Rs. 88,500/-	July 10, 2018
Language Class & Processing fees	Rs. 1,50,000/-	Rs. 1,77,000/-	August 14, 2018
Fees to the University/ Institute in Japan		JPY 15,40,000/-	September 15, 2018

**Important Dates**

Language Course – N5 Commencement date	July 02, 2018
Pre-departure Orientation	August 31, 2018
Date of departure to Japan	October 15, 2018
Orientation	October 16 to 19, 2018
Commencement of the N4 & N3 Course in Japan	October 22, 2018

All payments are to be made through NEFT or Demand Draft.

Account Name: SilverPeak Global Pvt. Ltd.,  
Bank Name: Axis Bank, RBI Layout Branch, Bangalore 560078  
Account No.: 916020060833295  
IFSC Code: UTIB0001185



## Re: Feb 4 : SilverPeak Drive for Careers for Indian Engineers in Japan

Placement MITE <placement@mite.ac.in>

Thu, Feb 16, 2017 at 6:10 PM

To: MITE\_BE\_2017 <mite\_be\_2017@mite.ac.in>

Cc: Ashwin Kumar <ashwin@mite.ac.in>, "Ramalingam H.M" <ramalingam@mite.ac.in>, Rahul S <rahul@mite.ac.in>, Harold Joyson D'Souza <harold@mite.ac.in>, Aveen K P <aveen@mite.ac.in>, Apoorva S <apoorva@mite.ac.in>, Deekshith Shetty <deekshith@mite.ac.in>, "Raghavendra M.D" <raghavendramd@mite.ac.in>, Sagar Ramesh Pujar <sagarramesh@mite.ac.in>, Sujesh Kumar <sujesh@mite.ac.in>, Jinaprasad K <jinaprasad@mite.ac.in>, Yathin KL <yathin@mite.ac.in>, Head CS <hodcse@mite.ac.in>, Head IS <hodise@mite.ac.in>, Head EC <hodece@mite.ac.in>, "Head Mech." <hodmec@mite.ac.in>, Head AER <hodaer@mite.ac.in>, Head Civ <hodciv@mite.ac.in>

Dear All,

The following students are selected in the SilverPeak Drive conducted at MITE. The offer letters will be sent by next week.

The selected candidates (alphabetically) are –

1	Amar Alva
2	Amritha U
3	Anushree EP
4	Bharath
5	C Shruthi
6	Chanthra
7	Chetan Vervekar
8	Deepak J Salian
9	Dhanu Sree
10	Jishnu V C
11	Krithi
12	Kshama
13	Megha S
14	Mohammed Ashhar Ashraf
15	Navya Nayak
16	Prajna
17	Praveen J Poonja
18	Punith J Reddy
19	Rakshitha R Acharya

4MTJEC012

4MTJEC045

4MTJEC046

4MTJEC041

4MTJEC053



## INDENTED BENEFICIARIES

Scientists and Engineers from R&D organisations, Professionals from Govt. & Public sector undertakings, Research scholars, Academicians, Builders, Realtors and Developers, Architects and Students are invited to participate in the deliberations of the workshop from all over the globe.

REGISTRATION FEE		
INDIA	Delegates from Academic Institutions, Industry & Research establishments	: INR 1000/- each
	Research Scholars/Students	: INR 500/- each
FOREIGN	Delegates from Academic Institutions (inclusive of accommodation)	: 75 USD

With a view to give individual attention to the participants and to make the program more effective, the number of participants is restricted to about 100.

IMPORTANT DATES	
Participants are requested to Logon: <a href="http://www.miteconference.org">www.miteconference.org</a> by not later than 15 <sup>th</sup> December 2017. The selected candidates will be intimated by 20 <sup>th</sup> December 2017 through e-mail/phone/SMS.	9 <sup>th</sup> December 2017
Workshop Date	3 <sup>rd</sup> – 4 <sup>th</sup> January 2018

\*Participation certificates will be provided to all participants

## PAYMENT DETAILS

Registration for participation in the workshop shall be sent through **Email: [doss-pec2018@mite.ac.in](mailto:doss-pec2018@mite.ac.in)** given in the attached format along with the registration fee by DD drawn in favor of "Chief-Coordinator MITE Seminars & Workshops" payable at Vijaya Bank, Moodabidri Branch. **"The fee can also be paid through NEFT to the following account details"**

A/c Number	: 114901011001148
A/c Name	: Chief-Coordinator MITE Seminars and Workshops
Name of the Bank	: Vijaya Bank
Branch	: Moodabidri
IFSC Code	: VIJB0001149

## ACCOMMODATION:

Accommodation for the participants will be provided with the nominal charges in guest house or hostel on twin sharing basis depending on demand and availability.

## VENUE

Mangalore Institute of Technology and Engineering, Moodabidri, Karnataka, INDIA

## ORGANISING MEMBERS

Umesh S S	Apoorva S	Ajay H A
Yashwanth M K	Yamuna Bhagwat	Nagalaxmi T
Mohan H S	Shivie R P	Nitesh N
Vinod G	Jayanth K S	Shreyas K S
Sagar S	Raksha M N	Vrushali V

## THE HOST INSTITUTION

Mangalore Institute of Technology & Engineering (MITE) was established in the year 2007 by Rajalaxmi Education Trust to fulfil the growing needs of the industry and aspirations of young students of Mangalore District and other parts of the country, which requires outstanding professionals who can be an asset to any organization. In a world of opportunities for success, education plays a paramount role in moulding, shaping and preparing youngsters to face the challenges of the future. At MITE, we believe that education is the manifestation of perfection in a human being and we instil the most needed human values and ethics in our students.

Mangalore Institute of Technology & Engineering (MITE) has received an in-kind software grant from SIEMENS PLM Software, a Center of Excellence (COE) for Digital Design, Validation and Digital Manufacturing has been established. The value of the software granted to the institute is around USD 79 million. BOSCH-REXORTH has instituted a regional center of competence for automation technologies. MITE has collaborations with Binghamton University, the State University of New York, USA, ITE West Singapore and MDIS Singapore.

MITE located amidst lush greenery and a serene ambience in Moodbidri, the campus spreads over an area of 74 acres in the sylvan surroundings near Mijar en route to Karkala. Integrating modern design, construction technology and eco-friendly techniques, the campus provides the right setting to the students for effective learning.

## MITE offers the following courses

### UG Courses - BE

Aeronautical Engineering  
Civil Engineering  
Computer Science and Engineering  
Electronics and Communication Engineering  
Information Science and Engineering  
Mechanical Engineering  
Mechatronics Engineering

### PG Courses – M Tech

Computer Science & Engineering  
Computer Network Engineering  
Digital Electronics & Communication  
Mechatronics  
Machine Design  
VLSI & Embedded Systems Design  
Nanotechnology

### Management Course

Master of Business Administration

### Research Centres @ MITE

1. Physics
2. Chemistry
3. Mechanical Engineering
4. Electronics & Communication Engineering
5. Computer Engineering
6. Mathematics
7. Civil Engineering



## INTERNATIONAL WORKSHOP ON

## Development of Sustainable Smart Cities: Perspectives on Engineering Challenges

DoSS - PEC : 2018

3<sup>rd</sup> & 4<sup>th</sup> January 2018



MITE  
Mangalore

Organised by

Department of Civil Engineering

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

In Association With



Karnataka State Pollution Control Board  
Udupi



LOCAL CAFET - INNOVA Technical Society  
MITE, Mangalore Chapter

DEPARTMENT OF CIVIL ENGINEERING  
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(An ISO 9001:2008 Certified Institution)  
A Unit of Rajalaxmi Education Trust

(Affiliated to the Visvesvaraya Technological University (VTU), Belagavi, Karnataka)  
(Approved by the All India Council for Technical Education (AICTE), New Delhi)

Badaga Mijar, Moodbidri – 574225 Ph. 08258-262695 to 99

[www.mite.ac.in](http://www.mite.ac.in)



## SCOPE OF THE WORKSHOP

**Smart Cities Mission** is an urban renewal and retrofitting program by the Government of India with a mission to develop 100 cities all over the country making them citizen friendly and sustainable. The Smart Cities Mission requires smart people who actively participate in governance and reforms. Citizen involvement is much more than a ceremonial participation in governance. Smart people involve themselves in the definition of the Smart City, decisions on deploying Smart Solutions, implementing reforms, doing more with less and oversight during implementing and designing post-project structures in order to make the Smart City developments sustainable. It is five-year program, where all of the Indian states and Union territories are participating. Financial aid will be given by the central and state government between 2017 - 2022 to the cities and mission starts showing results from 2022 on wards.



The workshop would provide a great opportunity to scientists/engineers to share the knowledge and plan future strategies for smart city development sustainable by intellectual interaction with the elite scientists/engineers of the globe. Ethics requires civil engineers to strive to comply with the principles of sustainable development in the performance of their professional duties. It is anticipated that the workshop would unwrap new prospective for engineering challenges on a global scale to promote public recognition and understanding of the needs & opportunities for sustainable development.

The conceptualisation of Smart City, therefore, varies from city to city and country to country, depending on the level of development, willingness to change and reform, resources and aspirations of the city residents. With a focus on development of smart cities, the critical roles of civil engineering in addressing the large-scale pressing challenges facing societies worldwide are widely recognized. Such large – scale challenges include access to affordable healthcare; tackling the coupled issues of energy, transportation and climate change; providing more equitable access to and clean drinking water, mitigation of natural and man-made disaster, environmental protection and natural resource management, among various others. As such, mobilizing the civil engineering community to become more effective in delivering real products and services of benefit to society, especially in the developing world, is a vitally important international responsibility.

## THEMES/TECHNICAL SESSIONS

- ☞ Earth Sciences role in smart cities planning
- ☞ Adequate Water Supply
- ☞ Assured Electricity Supply
- ☞ Sanitation, Including Solid Waste Management
- ☞ Efficient Urban Mobility and Public Transport
- ☞ Affordable Housing
- ☞ Robust it Connectivity and Digitalisation
- ☞ Good Governance
- ☞ Sustainable Environment
- ☞ Safety and Security of Citizens
- ☞ Health and Education.

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## INVITED SPEAKERS

**Dr. Krishna R. Reddy, Professor, University of Illinois, CHICAGO**

**Topic: "Climate Change, Resiliency & Sustainability: Engineering Challenges for Smart Cities"**

**Dr. S Neelamani, Kuwait Institute for Scientific Research, KUWAIT**

**Topic: "Engineering Challenges for the sustainable development of Marine infrastructures with special reference to Smart Cities"**

**Dr. Varghese George, Professor & Head, Civil Engineering, NITK, Surathkal**

**Topic: "Sustainable multi modal urban transport for Indian Cities"**

**Dr. Lakshmikantha H, Environmental Officer, KSPCB, Udupi**

**Topic: "Hazardous waste management"**

**Dr. Anathanarayana V S, Dean Research & Consultancy, NITK, Surathkal**

**Topic: "Role of Information Technology in Smart City"**

**Dr. Jagadish Vengala, Professor & Head, Civil Engineering, BMSIT & M, Bangalore**

**Topic: "Sustainable technologies for Affordable Housing"**

**Dr. D R Ravi, Environmental Officer, KSPCB, Bangalore**

**Topic: "Water- Can we Achieve Sustainability"**

**Er. Pravinjith K P, Ecoparadigm, Paradigm Environmental Strategies P. Ltd., Bangalore**

**Topic: "Codigestion of Septage and Municipal Solid Waste - a Sustainable solution for Small Towns"**

## REGISTRATION FORM

**Development of Sustainable Smart Cities:**

**Perspectives on Engineering Challenges**

**(DoSS-PEC 2018)**

on 3<sup>rd</sup> - 4<sup>th</sup> January, 2018 at

**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING,  
 MOODABIDRI, INDIA**

Name: .....

Institution / Organisation:.....

Address:.....

Mobile:.....

E-mail ID:.....

Payment Details: Amount: .....

DD/NEFT No:.....

Date: ..... Signature of Applicant

Sponsoring Authority

I hereby agree to depute Dr/Prof/Mr/Mrs/Ms. .... for the  
 International Workshop on "Development of Sustainable Smart Cities:  
 Perspectives on Engineering Challenges"

Signature

Head of the Institution with seal

(Additional registration forms may be photocopied or downloaded from the college website [www.miteconference.org](http://www.miteconference.org))

## Address for Communication

**Dr. Ganesh Mogaveera**

Organising Chair – DoSS-PEC 2018

Professor & HOD

Department of Civil Engineering

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**Dr. Jayaprakash M C**

Organising Secretary – DoSS-PEC 2018

Senior Assistant Professor

Department of Civil Engineering

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**DEPARTMENT OF CIVIL ENGINEERING  
 MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

(An ISO 9001:2008 Certified Institution)

A Unit of Rajalaxmi Education Trust ®

(Affiliated to the Visvesvaraya Technological University (VTU), Belagavi, Karnataka)

(Approved by the All India Council for Technical Education (AICTE), New Delhi)

BadagaMijar, Moodbidri – 574225 Ph. 08258-262695 to 99.

[www.mite.ac.in](http://www.mite.ac.in)



## **Development of Sustainable Smart Cities: Perspectives on Engineering Challenges**

International workshop on “Development of Sustainable Smart Cities: Perspectives on Engineering Challenges” has been organized by the DEPARTMENT OF CIVIL ENGINEERING at MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, Moodbidri, DakshinaKannada from 3<sup>rd</sup> to 4<sup>th</sup> January, 2018.

Two days International workshop was organized by the Department of Civil Engineering in association with Karnataka State Pollution Control Board, Udupi and Local CAFET-INNOVA Technical Society, MITE.

The workshop was inaugurated by Chief guest Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO. Prof. G. R. Rai, Advisor, MITE, Dr. G. L. Easwara Prasad, Principal, MITE, Dr. Ganesh Mogaveera, HOD, Civil engineering department, MITE, Dr. Jayaprakash M.C, Organising Secretary were also present for the inauguration ceremony.

Dr. Krishna R Reddy Professor, UNIVERSITY OF ILLINOIS, CHICAGO focused on glimpse of smart cities and mentioned that organising this kind of workshop is a privilege to the younger generation. He also mentioned that, smart cities are a buzz word and the concept of smart cities helps in improving the quality of life and environment. To achieve quality of life we need smart technologies. He emphasised on the fact that, this topic is the emerging topic in India, in fact in the world.

Dr. S Neelamani, Professor, Kuwait Institute for Scientific Research, KUWAIT delivered a key note address on Engineering Challenges for the sustainable development of Marine infrastructures with special reference to smart cities. Dr. Varghese George, Professor & Head, Civil Engineering, NITK, Surathkal, Dr. Lakshmikantha H, Environmental Officer, KSPCB, Udupi, Dr. Anathanarayana V S, Dean Research & Consultancy, NITK, Surathkal, Dr. D R Ravi, Environmental Officer, KSPCB, Bangalore, Dr. Jagadish Vengala, Professor & Head, Civil Engineering, BMSIT & M, Bangalore, Er. Praveen, Ecoparadigm, Paradigm Environmental

Strategies P.Ltd., Bangalore have been invited as a keynote speaker for various sessions related to sustainable smart cities.

This International workshop is a great opportunity for young engineers to put up their new innovative ideas towards the sustainable development of the world, where they will have an interaction with professors, national and international delegates who will take part in this workshop to express their vision and views towards development of sustainable smart cities. Participation in this workshop will undoubtedly provide a great opportunity for the students and young researchers across the world to enlighten their mind.



Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO, inaugurating the two days international workshop



Proceedings Volume of the International Workshop is released by Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO



Keynote address by Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO, on “Climate Change, Resiliency & Sustainability: Engineering Challenges for Smart Cities”



Keynote address by Dr. S Neelamani, Kuwait Institute for Scientific Research, KUWAIT on “Engineering Challenges for the sustainable development of Marine infrastructures with special reference to smart cities”



**Invited Speakers:**

**Dr. Krishna R. Reddy**, Professor, University of Illinois, CHICAGO

**Topic:** "Climate Change, Resiliency & Sustainability: Engineering Challenges for Smart Cities"

**Dr. S Neelamani**, Kuwait Institute for Scientific Research, KUWAIT

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**Topic:** "Codigestion of Septage and Municipal Solid Waste-A Sustainable Solution for Small Towns"



**Dr. GANESH MOGAVEER**  
**PROFESSOR & HEAD**  
**DEPT. OF CIVIL ENGG.**  
**MITE,**  
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# MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(An ISO 9001:2008 Certified Institution)

Badaga Mijar, Moodabidri – 574 225, Mangalore Taluk, Dakshina Kannada

MITE



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## DEPARTMENT OF CIVIL ENGINEERING

*Cordially invite you for the Inaugural function of  
International Workshop*

*ON*

*Development of Sustainable Smart Cities:  
Perspectives on Engineering Challenges  
(DoSS-PEC :2018)*

Date: 3<sup>rd</sup> & 4<sup>th</sup> January, 2018

Time: 9:30 AM

Venue: MITE, Moodabidri, Karnataka

### Chief Guest

**Dr. Krishna R Reddy**

*Professor of Civil & Environmental Engineering  
Director, Sustainable Engineering Research Laboratory  
Director, Geotechnical & Geoenvironmental Engineering Laboratory  
UNIVERSITY OF ILLINOIS, CHICAGO*

has kindly consented to inaugurate the program

**Sri. Rajesh Chouta**

*Chairman & Founder, Rajalaxmi Education Trust ®*

Will preside over the function

**Dr. G L Easwara Prasad**

*Principal*

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Local CAFET – Innova  
Technical Society, MITE

Dr. Ganesh Mogaveera  
Organising Chair

Faculty & Students

Dr. Jayaprakash M C  
Organising Secretary





**MITE**  
Mangalore



**INTERNATIONAL  
CONFERENCE ON**

# **Global Civil Engineering Challenges in Sustainable Development & Climate Change**

## **ICGCSC - 2017**

17<sup>th</sup> & 18<sup>th</sup> March, 2017    Venue: MITE Campus



To,

**Organised by  
Department of Civil Engineering**

**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

(An ISO 9001:2008 Certified Institution)

A Unit of Rajalaxmi Education Trust®, Mangalore

(Affiliated to the VTU, Belagavi, Karnataka & Approved by AICTE, New Delhi)

In Association with



**LOCAL CAFET - INNOVA Technical Society**  
MITE, Mangalore Chapter



## The Host Institution

Mangalore Institute of Technology and Engineering (MITE) was established in the year 2007 by the Rajalaxmi Education Trust® to fulfil the growing needs of the industry and the aspirations of the young students of Mangalore District and other parts of the country. In a world of opportunities for success, education plays a paramount role in moulding, shaping and preparing the youngsters to face the challenges that the future has in store for them. At MITE, we believe that education is the manifestation of perfection in a human being and we insist on the development of the most needed human values and ethics in our students.

The Institution has received an in-kind software grant from SIEMENS PLM Software, a Center of Excellence(COE) for Digital Design, Digital Validation & Digital Manufacturing. The value of the software granted to the institute is around USD \$79 million. BOSCH - REXORTH has instituted a regional center of competence for automation technologies which has been functioning for the past five years. The preparations to setup the Nano Science & Technology Research Center (NTRC) at MITE are going on at the moment.

MITE is located amidst lush greenery & a serene ambience in Moodbidri. The MITE campus is spread over a sprawling area measuring upto 74 acres in the sylvan surroundings near Mijar en route to Karkala, Karnataka State, INDIA. The campus integrating the modern design, the construction technology and the eco - friendly techniques, provides the right setting to the students for effective learning.

The Institute has a world class infrastructures and state-of-the-art lab facilities. Besides it also offers seven UG and seven PG programmes, viz:

### UG Courses - BE

- Aeronautical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Information Science and Engineering
- Mechanical Engineering
- Mechatronics Engineering

## PG Courses - M.Tech

- Computer Science & Engineering
- Computer Network Engineering
- Digital Electronics & Communication
- Mechatronics
- Machine Design
- VLSI & Embedded Systems Design
- Master of Business Administration

## Research Centres @ MITE

- Physics
- Chemistry
- Mechanical Engineering
- Computer Science & Engineering
- Mathematics
- Electronics & Communication Engineering

## The Host Department

The department of Civil Engineering started functioning at MITE in the year 2012. It focuses on the overall development of the students through innovative teaching and learning processes. The main objectives of the department are to produce qualified, competent and employable Civil Engineering graduates, to cater to the needs of the industry and the society by imparting the requisite knowledge and training in different areas of Civil Engineering and other emerging technologies. The department has highly dedicated and qualified faculties involved in both teaching and research activities. Students from different parts of the country have enrolled themselves for Civil Engineering studies, at our institute.

The department has established well equipped laboratories such as Strength of materials lab, Geodetic Engineering lab, Fluid Mechanics lab, Earth science and materials lab, Computer aided building drawing lab, Applied hydraulics lab, Concrete and highway materials lab, Geotechnical Engineering Software Application lab and Environmental Engineering laboratory.



The MITE-Local CAFET INNOVA Technical Society, Mangalore Chapter has been established by the department of Civil Engg. in association with CAFET-INNOVA Technical Society, Hyderabad. It is an International non-profit organisation functioning to encourage the teaching faculties, young and talented students towards the field of Research & Development (R&D) and harness their intellectual abilities for the betterment of our institution as well as the industry.

## About the Conference

With a focus on development, the critical roles of civil engg. in addressing the large-scale pressing challenges facing the societies worldwide have been widely recognised. Such large-scale challenges include access to affordable health care; tackling the coupled issues of energy, transportation and climate change; providing more equitable access to information & clean drinking water, mitigation of natural and man-made disasters, environmental protection and natural resource management, among various others. As such, mobilizing the civil engineering community to become more effective in delivering real products and services of benefit to society, especially in the developing world, is a vitally important international responsibility.

The overall global issues and challenges include: the need to reduce poverty, promote sustainable social & economic development, globalisation; & the need to bridge the digital and broader technological and knowledge divides. The specific emerging issues and challenges include: Climate change mitigation, adaptation and the urgent need to move to a low-carbon future; and calls

for increased investment in infrastructure, engineering capacity and associated research and development.

The civil engineering profession recognizes the reality of limited natural resources, the desire for sustainable practices (including life-cycle analysis and sustainable design techniques), & the need for social equity in the consumption of resources. To achieve various objectives, it is expected that this conference will be able to identify various problems & set the direction for the future line of action for all global civil engg. challenges for sustainable development and the effects of climate change. Ethics requires civil engineers to strive to comply with the principles of sustainable development in the performance of their professional duties. This conference will work on a global scale to promote public recognition, understanding of the needs & opportunities for sustainable development.

## Organising Council

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 Apoorva S, *Asst. Professor*  
 Harish Kumar C E, *Asst. Professor*  
 Deekshith Shetty, *Asst. Professor*  
 Sagar S, *Asst. Professor*

## Publication

The selected papers for the conference will be published in the form of proceedings volume of the International Conference with ISSN / ISBN cited number in a soft/hard copy. With the permission

from ISSN / ISBN authorities, we may publish in International Journal of Earth Sciences & Engg. (IJEE), ISSN 0974-5904 [SJIR 0.17; Quartile Q3; H-index 4 and CSIR - NISCAIR, INDIA IF 0.13] is indexed in Scopus, Ei-Compendex & Geobase (products hosted on Engg. Village) Elsevier, Amsterdam, Netherlands, Geo-Ref Information Services, USA; List B of Scientific Journals in Poland; Directory of Research.

*\* Authors have to bear processing expenses with publishers.*

## Best Paper Award

One best paper will be selected from each technical session during the conference with appreciation certificates.

## Indented Beneficiaries

Scientists and Engineers from R & D organisations, Professionals from Govt. & Public sector undertakings, Research scholars, Academicians, Builders, Realtors and Developers, Architects, and Students are invited to contribute research papers and participate in the deliberations of the conference from all over the globe.

## Important Dates

Last date for submission of Abstract:	15 <sup>th</sup> October 2016
Intimation of Abstract acceptance:	15 <sup>th</sup> November 2016
Submission of full length paper:	15 <sup>th</sup> December 2016
Acceptance of full length paper:	30 <sup>th</sup> January 2017
Registration:	15 <sup>th</sup> February 2017
Conference Date :	17 <sup>th</sup> & 18 <sup>th</sup> March 2017

## Registration

Delegates from Academic Institutions :	INR 3000/- each
Delegates from Industry & Research estbls.:	INR 3500/- each
Research Scholars/Students :	INR 1500/- each
Participants:	INR 1000/- each
Additional Copy of the Proceedings :	INR 1500/- each
Foreign delegates (inclusive of accommodation) :	150 USD
Group Registration (5 and above) :	10% Discount
Early bird Delegate Reg. (Before 15 <sup>th</sup> Jan 2017)	10% Discount

*\*Registration includes conference kit, refreshments, lunch & conference dinner.*

## Payment Details

The applications for participation in the conference shall be sent to the coordinator as given in the attached format along with the registration fee through a DD drawn in favor of '**Chief-Coordinator MITE Seminar & Workshops**' payable at Vijaya Bank, Moodabidri Branch. The fee can also be paid through **NEFT** to the following account details.

A/c Name : Chief-Coordinator MITE  
 Seminars & Workshops  
 A/c Number : 114901011001148  
 Bank Name : Vijaya Bank  
 Branch : Moodabidri  
 IFS Code : VIJB0001149

## Accommodation

The accommodation for the participants will be provided with the nominal charges in the guest houses or the hostels on twin sharing basis depending on the availability.

## Call for Papers

The ICGCSC-2017 will provide an open forum for the dissemination of the up-to-date research contribution, innovative modeling approaches & the case studies in all the aspects of Civil Engineering practices. The conference technical program will consist of plenary addresses, keynote addresses by eminent scientists / engineers / academicians and technical paper



presentations. The authors are requested to submit the abstracts in English. The abstract body should be limited to 300 words & the full paper should be within 8 pages as per the prescribed format on or before the deadline through online provision provided in the college international conference website [www.miteconference.org/](http://www.miteconference.org/)

**Email ID: [icgcsc-2017@mite.ac.in](mailto:icgcsc-2017@mite.ac.in)**

The full paper should include the complete details (affiliation, address, telephone, fax, emailid and other contact information) of the corresponding author. The full papers submitted by the authors will be peer-double-blind reviewed by the technical committee members and based on the reviewer's comments / suggestions, they will then be selected for oral presentation during the conference.

## **Conference Themes**

**Latest developments in the BELOW MENTIONED areas**

### **Challenges & Issues in Civil Engineering**

- Climate change - its impact on the civil engineering projects
- Design for climate change
- Design for flexibility
- Everyday life, ideology and culture
- Interlinking of Indian rivers-challenges and prospects
- CO<sub>2</sub> emission and reductions
- Health and safety
- Reduce the noise, pollution, flooding and microclimatic effects
- Eco-materials and technologies
- Sustainable design, construction and development
- Oceans as non-conventional source of energy

- Use of non - conventional materials Waste minimization
- Use of industrial waste
- Shore protection and beach nourishment
- Mixed-use urban development
- Building integrated renewable energy
- Monitoring energy consumption of building
- Building environmental assessment methodology
- Chloride corrosion in concrete beams
- Environment-friendly construction & development
- Atmospheric modeling and numerical prediction
- Carbon capture technologies, CO<sub>2</sub> transport, storage and use
- Climate change and sustainability

### **Earth Science and Engineering**

- Natural disaster mitigation and management
- Earthquake engineering
- Rock sciences and rock engineering applications in civil and infrastructural engineering projects
- Geospatial technology for sustainable environment
- RS-GIS & GPS applications in engg. projects
- Natural resources and resources Engineering
- Earth and planetary materials
- Bio - engineering techniques for erosion control in slopes
- Latest technology for surficial stability in steep slopes
- Landscape planning and design

### **Advances in Structural Engineering**

- Cost effective design & construction techniques
- Analysis of large dynamic structure in environment industry
- Structural creativity, technological progress
- Earthquake resistant structures
- Smart structures

- Nano materials in structural engineering
- Damage detection & identification in Structures
- Structural reliability and design
- Building sustainability assessment tools
- Fire resistance of structures
- Advances in ocean engineering
- High-rise structures and large-span structures
- Seismic analysis of interlocking blocks in walls
- Post-earthquake infrastructure rehabilitation
- Engineering structure safety and disaster prevention
- Reducing the impact of earthquakes in cities
- Rehabilitation of damaged sites
- Effect of wind load on high rise buildings

### **Transportation & Highway Engineering**

- Smart cities and integrated urban planning
- Advanced digital system for cities
- Intelligent system for urban mobility
- Town planning and sustainable architecture
- Mixed traffic control & behavior
- Runway resurfacing and repair using modern materials & techniques
- Highway design and safety
- Modern concepts of rural road development
- Road, bridge and railway engineering
- Road structure and pavement
- Mass transportation system
- Transportation design and modeling
- Seaport engineering
- Coastal and offshore protection & engineering
- Airport design and construction
- Design considerations for roadside safety
- Urban sprawl and density optimisation
- City planning and daily life



### **Geo-Technical Engg./Geo Environmental**

- Dynamic behaviour of soils from field & laboratory tests
- Mechanism of soil liquefaction
- Seismic response of retaining structures
- Shear strength of soil
- Geotechnical practices for environment management and disaster mitigation
- Geochallenges
- Engineering aspects of reinforced soil
- Geotextiles, geomembranes, geogrids and geonets
- Prediction of soil response to earthquake motion
- Soil-pipe interaction:- The environmental aspect
- Shape optimisation of reinforced underground tunnels
- Advanced soil improvement techniques
- Foundation design in marine soils
- Application of large deformation analysis in soil mechanics
- Pavement evaluation and application of geotextiles in pavements

### **Constructional and Mining Engineering**

- Open-pit mining
- Underground mining
- Coal preparation
- Coal mine design and feasibility
- Minerals processing
- Design methods
- Ground control
- Support design
- Mining and subsidence geomechanics
- Drilling and blasting in constructional engineering materials
- Ecological issues in mining
- Safe mining practices
- Physical & chemical processing of minerals
- Resource estimation

### **Construction / Concrete Technology**

- Recycled aggregate concrete and pavement materials
- Alternate building materials
- Advanced construction materials and civil engineering practices
- Sustainable construction management
- Geopolymer concrete
- Risk-safety construction management
- Innovative thermal insulation systems
- Eco - friendly construction materials
- Cost-effective construction technology
- Fatigue behavior of concrete
- Application of fibres in concrete
- Fire behavior of steel penetrating concrete wall
- Plum concrete
- Advances in prestressed concrete design
- New cement - based materials
- Building sustainability assessment tools
- Application of composite materials
- Optimisation tools for construction projects
- Quality, contracts, conflicts, negotiations & execution of projects
- Planning and control of infrastructure operations
- Project management softwares
- Mining role in constructional engineering
- Issues and challenges of construction materials excavation

### **Water Resources & Irrigation Engineering**

- Artificial recharge structures and rain water harvesting techniques.
- Integrated water management
- Eco-hydrology
- Hydroclimatology
- River processes and systems
- Water resources planning, policy & mgnt.
- Water quality and water resources

- Surface and subsurface water problems in civil engineering construction
- Subsurface & ground-water flow
- Urban drinking water supply & distribution
- Urban environment management & policy
- River, estuary & natural waterways
- Construction & renewable energy sources
- Design & technologies for energy efficiency & conservation
- Designing Inclusive environments
- Water supply and sanitation

### **Environmental Engg. & Environmental Law**

- Renewable energy technology
- Green buildings - materials and technology
- Solid waste management
- Global change on environment applications
- Nuclear decommissioning and waste management
- Air pollution and control
- Energy and environment
- Environmental management and modeling
- Biofuels
- Environmental impact assessment and mitigation
- Passive solar buildings
- Buildings, urban life and environment
- Conserve energy, water & other resources
- Hazardous waste disposal
- Environmental & ecological issues in mining











## **DEPARTMENT OF CIVIL ENGINEERING**



### **INTERNATIONAL CONFERENCE ON “Global Civil Engineering Challenges in Sustainable Development and Climate Change” (ICGCSC - 17) on (17<sup>th</sup> – 18<sup>th</sup> March 2017)**

DEPARTMENT OF CIVIL ENGINEERING at MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, in association with CAFET-INNOVA technical society, MITE chapter is organizing a two-day international conference on “GLOBAL CIVIL ENGINEERING CHALLENGES IN SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE” during 17<sup>th</sup>-18<sup>th</sup> March, 2017 as a part of **Decennial celebration** of our esteemed institution.

Department of Civil engineering was started at MITE in the year 2012. The Department focuses on overall development of students through innovative teaching and learning. One of the main objectives of the Department is to produce qualified, competent and employable civil engineering graduates to cater the needs of industry and society by imparting requisite knowledge and training in different areas of Civil Engineering and emerging technologies.

A Local CAFET INNOVA Technical Society Centre was started under the Department of Civil Engineering of our institution in association with CAFET-INNOVA Technical Society, Hyderabad. It is an International non-profit organization set up to encourage teaching faculty and young talent especially students towards the field of Research & Development (R&D) and harness their intellectual abilities for the betterment of institution as well as industry.

This conference mainly focuses on sustainable development of the world through new and innovative ideas in civil engineering. With increased focus on development; critical roles of civil engineering in addressing the large-scale pressing challenges faced by society around the world are widely recognized. Such large – scale challenges include access to affordable health

care, tackling the coupled issues of energy, transportation and climate change, providing more equitable access to clean drinking water, mitigation of natural and man-made disaster, environmental protection and natural resource management, among various other problems. Mobilizing the civil engineering community to become more effective in delivering real products & services of benefit to society, especially in the developing world, is a vitally important international responsibility. The overall global issues and challenges include: the need to reduce poverty, promote sustainable social and economic development, globalization; and the need to bridge the digital and broader technological and knowledge divides. Specific emerging issues & challenges include: Climate change mitigation, adaptation and the urgent need to move to a low-carbon future; and calls for increased investment in infrastructure, engineering capacity and associated research and development.

This conference received more than 100 papers from different countries like Japan, Spain and Bangladesh and also from reputed institutions and industries within India. After a stringent review from expert committee 76 papers were selected for this conference. The selected papers for the conference will be published in the form of proceedings volume of the International Conference with ISBN cited number 978-93-5267-355-1 in a hard copy sanctioned by MHRD Government of India.

This conference will cover main themes relevant to the civil engineering fields like Earth Science and Engineering, Advances in Structural Engineering, Transportation & Highway Engineering, Geo-Technical Engineering/Geo Environmental, Construction / Concrete Technology, Water Resources and Irrigation Engineering, Environmental Engineering & Environmental Law.

This International conference will be a great opportunity for young engineers to put up their new innovative ideas towards the sustainable development of the world, where they will have interaction with Professors, delegates from India and abroad who will take part in this conference to express their vision and views towards sustainable development and climate change. Participation in this conference will undoubtedly provide a great opportunity for the students and young researchers across the world to enlighten their knowledge.



This conference will have distinguished panelists and key note speakers like Dr.Shuichi Torii Kumamoto University, JAPAN and Dr.Paloma Pineda Deputy Director, IIRSP, University ofSeville, SPAIN. The inauguration of this conference will be presided by Sri Rajesh Chouta, Chairman and founder of Rajalaxmi education trust, Mangalore.

Outcome of this conference will not only advance the knowledge of young researchers but also provides a new goal to be achieved towards sustainable development like ensure healthy living and promote well-being for all at all age. Ensure access to affordable, reliable, sustainable and renewable energy for all. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Make cities and human settlements inclusive, safe, resilient and sustainable. To make immediate action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy, opines Principal Dr. G L Easwara Prasad.

#### **CONFERENCE THEMES:**

*Latest Development in the following BELOW MENTIONED main themes*

- **Challenges and Issues in Civil Engineering**
- **Earth Science and Engineering**
- **Advances in Structural Engineering**
- **Transportation & Highway Engineering**
- **Geo-Technical Engineering/Geo Environmental**
- **Construction / Concrete Technology**
- **Water Resources and Irrigation Engineering**
- **Environmental Engineering & Environmental Law**

#### **INDENTED BENEFICIARIES**

Scientists and Engineers from R & D organizations, Professionals from Govt. &Public sector undertakings, Research scholars, Academicians, Builders, Realtors and Developers, Architects, and Students are invited to contribute research papers and participate in the deliberations of the conference from all over the globe.



Two days International Conference is inaugurated by Chief guest Dr. M Baba, Former Director –  
Centre for Earth Science, Trivendrum, Kerala



Lighting the lamp by Dr.Paloma Pineda Deputy Director, IIRSP, University of Seville, SPAIN



Lighting the lamp by Dr. Shuichi Torii, Professor, Kumamoto University, JAPAN





International Conference proceedings volume released by Chief guest Dr. M Baba, Former Director – Centre for Earth Science, Trivendrum, Kerala



Panel discussion of two days International Conference is headed by Dr. T N Singh, Professor, Department of Earth Sciences, IIT Mumbai and other expert committee members



Delegates gathered from various organization in the International Conference



Appreciation Certificate handed over to Dr. Shuichi Torii, Professor, Kumamoto University, JAPAN by Dr. T N Singh, Professor, Department of Earth Sciences, IIT Mumbai






Keynote address of the conference by Dr. Paloma Pineda Deputy Director, IIRSP,  
University of Seville, SPAIN



Felicitaton to Dr. D V Reddy, President, CAFET Innova Technical Society, Hyderabad by Mr.  
Rajesh Chouta, Founder, Rajalaxmi Education Trust, Mangalore

  
Dr. GANESH MOGAVEER  
PROFESSOR & HEAD  
DEPT. OF CIVIL ENGG.  
MITE,

BADAGA MIJAR, MOODABIDRI - 574225  
Page 257



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**Sri. Rajesh Chowta**  
Chairman - Rajalaxmi Education Trust ®, Mangalore

#### PATRON

**Dr. G.L. Easwara Prasad**  
Principal, MITE

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**Dr. Ganesh Mogaveera**  
Prof & Head, Dept. of Civil Engg., MITE  
**Dr. Jayaprakash, M.C.**  
Sr. Asst. Professor, Dept. of Civil Engg., MITE

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Founder & Secretary General-CITS

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Mr. Amshith Kumar M J, Asst. Professor	Mr. Vinod G, Asst. Professor
Ms. Apoorva, Asst. Professor	Mr. Harish Kumar C E, Asst. Professor

#### IMPORTANT DATES

Last date for Submission of Abstract	25 <sup>th</sup> January 2016
Intimation of Abstract Acceptance	30 <sup>th</sup> January 2016
Last date for Submission of Full length Paper	15 <sup>th</sup> February 2016
Payment of Registration Fee	06 <sup>th</sup> February 2016

#### Abstract

Participants interested in oral/poster presentation should submit an abstract for consideration by the technical committee. Before submitting the abstract, the presenter should ensure that the co-authors are aware of its content.

#### Regulations

\* Abstract should not exceed 350 words including title, authors and affiliation  
\* Abstract should be prepared using MS Word in Times New Roman 12 font size with double line spacing

**Note:** Prospective authors are encouraged to submit their full length paper (as per IJEE A4 format.doc). Accepted papers must be registered and presented at the conference by one of the authors. As per the reviewers decision papers will be published in the form of proceeding volumes and selected papers will be published in *IJEE database* (ISSN 0974-5904) as per the slot available. *The publication processing charges should be borne by the respective authors.*

#### REGISTRATION FEES

For Faculty & Research Scholars:	INR 1000.00
For Students:	INR 500.00
Industry, Govt. Organisations & NGO:	INR 1500.00
Participant/Accompanying Person:	INR 500.00
Spot Registration:	INR 1500.00

**Note:** Application for participation in the conference shall be sent to the convener as given in the attached format along with the registration fee by DD drawn in favor of 'Chief - Coordinator MITE Seminar and Workshops' payable at Vijaya Bank, Moodabidri Branch. The fee can also be paid via NEFT to the following account.

A/c Number : 114901011001148  
A/c Name : Chief-Coordinator MITE Seminar & Workshops  
Name of the Bank : Vijaya Bank  
Branch : Moodabidri  
IFS Code : VIJB0001149

#### ACCOMMODATION

Participants will be provided accommodation with the nominal charges in guest house or hostel on twin sharing basis depending on demand and availability.

#### ADDRESS FOR COMMUNICATION

#### Conveners

**Dr. Ganesh Mogaveer**  
Professor & HOD  
Email: hodeiv@mite.ac.in  
Mobile: 9448983955/9591843955

**Dr. Jayaprakash MC**  
Senior Assistant Professor  
Email: jayaprakash@mite.ac.in  
Mobile: 9901322304



## NATIONAL CONFERENCE

on

## Advanced Trends in Civil Engineering & Sustainable Development

**26<sup>th</sup> & 27<sup>th</sup> February, 2016**  
**VENUE: MITE CAMPUS, Moodabidri**

Organised by



Invent Solutions

Department of  
Civil Engineering

In association with



LOCAL CAFET - INNOVA Technical Society  
MITE, Mangalore Chapter



#### MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(An ISO 9001:2008 Certified Institution)

A Unit of Rajalaxmi Education Trust ®, Mangalore

(Affiliated to the VTU, Belagavi, Karnataka & Approved by AICTE, New Delhi)

BadagaMijar, Moodbidri - 574225 Ph. 08258-262695 to 99

Web: www.mite.ac.in

ATCESD -16



## OBJECTIVE OF THE CONFERENCE

Civil Engineers must develop new skills for a changing world, which are innovative and promote multidisciplinary approaches. Civil Engineers are committed to provide the tools & advice to governments & policymakers at national & supranational levels on the skills and infrastructure required for a sustainable future. It is time to pause and devise ways to utilize these resources to compose a world of smarter building with stronger features. It is expected that this national conference will be able to identify various problems & set the direction for future line of action for the advanced trends in Civil Engineering for sustainable development.

Civil Engineering is a broad field that applies Engg. principles primarily to the public domain infrastructure, including transportation, water resources, buildings and other structures such as dams and bridges. Civil Engineers balance the needs of society with technical and economic feasibility. Sustainable development shares recent developments and discussion topics, highlighting projects & innovations that embrace the sustainability and it will promote broad understanding of economic, environmental, political, social, and technical issues and processes - thereby enhancing quality of life of the society. Civil Engineers have an obligation to protect cultural and natural diversity and they are central to the planning, design, construction, operation and maintenance of infrastructure networks that underpin civil society and economic activity and protect human health and welfare. Emerging trends have reinforced the key role of these networks in enabling global societal resilience.

## INSTITUTION OVERVIEW

Mangalore Institute of Technology and Engineering (MITE) was established in the year 2007 by Rajalaxmi Education Trust to fulfil the growing needs of the industry and aspirations of young students of Mangalore District and other parts of the country. In a world of opportunities for success, education plays a paramount role in moulding, shaping & preparing youngsters to face the challenges of the future. At MITE, we believe that education is the manifestation of perfection in a human being and we instil the most needed human values and ethics in our students.

The Institution has received an in-kind software grant from SIEMENS PLM Software, a Center of Excellence (COE) for Digital Design, Validation and Digital Manufacturing has been established. The value of the software granted to the institute is around USD \$79 million. BOSCH-REXORTH has instituted a regional center of competence for automation technologies which is functioning from last five years. The preparations are ongoing to setup the Nano Science and Technology Research center (NTRC) at MITE.

MITE located amidst lush greenery and a serene ambience in Moodbidri, the campus spreads over an area of 74 acres in the sylvan surroundings near Mijar en route to Karkala. Integrating modern design, construction technology & eco-friendly techniques, the campus provides the right setting to the students for effective learning.

## MITE OFFER THE FOLLOWING COURSES

### UG Courses - BE

Aeronautical Engineering  
Civil Engineering  
Computer Science and Engineering  
Electronics & Communication Engineering  
Information Science and Engineering  
Mechanical Engineering  
Mechatronics Engineering

### Research Centres @ MITE

Physics  
Chemistry  
Mechanical Engineering  
Computer Engineering  
Mathematics  
Electronics & Communication Engineering

### PG Courses – M Tech

Computer Science & Engineering  
Computer Network Engineering  
Digital Electronics & Communication  
Mechatronics  
Machine Design  
VLSI & Embedded Systems Design  
Master of Business Administration

## THEMES

### Earth Science and Engineering

Climate change-its impact in Civil Engineering projects  
Disaster Mitigation and Management  
Earthquake Engineering  
Rock sciences & Rock Engg. Applications in Civil & Infra. Engg. projects  
Geospatial Technology for Sustainable Environment  
RS-GIS& GPS Applications in Engineering projects  
Natural Resources & Resources Engineering  
Earth and Planetary Materials

### Advances in Structural Engineering

Construction practices and Management  
Advanced Construction Materials & Civil Engineering Practices  
Alternate Building Materials  
Nano Materials in Structural Engineering  
Damage Detection & Identification of Structures  
Structural Reliability & Design  
Fire Resistance of Structures  
Advances in Ocean Engineering

### Transportation & Highway Engineering

Smart Cities and Integrated Urban Planning  
Advanced Digital System for Cities  
Intelligent System for Urban Mobility  
Town planning & Sustainable Architecture

### Geo-Technical Engineering/Geo Environmental

Dynamic behaviour of soils from field & laboratory tests  
Mechanism of soil liquefaction  
Seismic response of structures  
Shear strength of soil  
Geotech practices for Environment Management & Disaster mitigation  
Geochallenges

### Water Resources and Irrigation Engineering

Artificial Recharge Structures & Rain Water Harvesting Techniques  
Integrated Water Management  
Eco-hydrology  
Hydroclimatology  
River Processes and Systems  
Water resources planning, Policy and Management  
Water quality and water resources  
Surface and subsurface water problems in Civil Engineering constructions

### Environmental Engineering & Environmental Law

Renewable Energy Technology  
Green Buildings- Materials and Technology  
Solid Waste Management  
Global Change on Environment Applications  
Nuclear Decommissioning and Waste Management  
Air pollution & Control

## NATIONAL CONFERENCE

on

## Advanced Trends in Civil Engineering & Sustainable Development

### REGISTRATION FORM

Name:.....

Institution / Organisation:.....

Address:.....

Mobile: .....

E-mail ID: .....

Payment Details: Amount: .....

DD No: .....

Date: Signature of Applicant

Sponsoring Authority

I hereby agree to depute Dr/Mr/Mrs/Ms.....

..... for the National Conference on

"Advanced Trends in Civil Engineering & Sustainable Development"

Signature of Head of the Institution with seal

**Note: Additional registration forms shall be typed in A4 size sheets / photocopied or downloaded from the college website [www.miteconference.org](http://www.miteconference.org)**

## **Advanced Trends in Civil Engineering and Sustainable Development (ATCESD-2016)**

Department of Civil Engineering has organized two days National Conference on “Advanced Trends in Civil Engineering and Sustainable Development (ATCESD-2016)” during 26<sup>th</sup> and 27<sup>th</sup> of February 2016, in association with the Mangalore Chapter of Local CAFET-INNOVA Technical Society, which has been inaugurated by Dr T N Singh, Professor, IIT – Bombay.



Conference was inaugurated by Dr T N Singh, Professor, IIT – Bombay

The world is progressing at a faster rate and at the same time it poses many societal and global challenges which are of complex nature. The exploitation of natural resources has reached to an alarming level and many of us feel an unbalanced development. Sustainability can only be achieved if we can maintain a balance between the demand and supply vis-à-vis reserve for future generations. The profession of civil engineering has been categorized as the peace time war on nature due to various hazards associated with it. A constant and careful attention is therefore important for the development of society.

Components and subassemblies to be used in modern modular construction of small as well as gigantic marvels like corporate offices of Multinational Corporates and factories are going to be a matter of routine very soon. High quality Concrete mixed at controlled factory environments, safely and securely transported to the construction site and then pumped up to the required altitude where it is required to be used, eliminating the use of human chain as was practiced in the past is just a very small example to this. These marvels will, undoubtedly, ensure improved structural strength, dependability and resilience to comfortably withstand extreme levels of seismological disturbances caused by nature and added by manmade adverse interaction with the



environment. It is imperative that Civil Engineering with the support of other disciplines in Engineering gets fully ready to face the above situations and also other unknown challenges.



International Conference proceedings volume released by T N Singh, Professor, IIT – Bombay

Civil engineers must develop new skills for a changing world, foster greater collaboration with other professionals, and promote multidisciplinary approaches. Civil engineers are committed to provide the tools and advice to governments and policymakers at national and supranational levels on the skills and infrastructure required for a sustainable future. It is time to pause and devise ways to utilize these resources to compose a world of smarter building with stronger features. It is expected that this national conference will be able to identify various problems and set the direction for future line of action for all advanced trends in civil engineering for sustainable development.

Civil engineering is a broad field that applies engineering principles primarily to the public domain infrastructure, including transportation, water resources, buildings and other structures such as dams and bridges. Civil engineers balance the needs of society with technical and economic feasibility. Sustainable development shares recent developments and discussion topics, highlighting projects and innovations that embrace the sustainability and it will promote broad understanding of economic, environmental, political, social, and technical issues and processes – thereby enhancing quality of life for all of society. Civil Engineers have an obligation to protect cultural and natural diversity and they are central to the planning, design, construction, operation and maintenance of infrastructure networks that underpin civil society and economic activity and

protect human health and welfare. Emerging trends have reinforced the key role of these networks in enabling global societal resilience.

The conference is organised at a time when the country is passing through a paradigm shift of development for all and the outcome will certainly be a value addition for safe, secure and sustainable development to protect mother Earth and its environment.



Keynote address of the conference by Singh, Professor, IIT – Bombay

As per the reviewer's decision around 40 papers was published in the form of proceeding volume with ISBN 978-93-5258-252-5, provided from MHRD, GOI and that has been presented during

the conference. The conference themes was chosen as to support the recent sustainable development such as:

**Earth Science and Engineering:** Climate change-its impact in civil engineering projects, Disaster Mitigation and Management, Geospatial Technology for Sustainable Environment, RS-GIS & GPS Applications in Engineering projects, Natural Resources & Resources Engineering

**Advances in Structural Engineering:** Construction practices and Management, Earthquake resistant structure, Advanced Construction Materials& Civil Engineering Practices, Nano Materials in Structural Engineering, Advances in Ocean Engineering

**Transportation & Highway Engineering:** Smart Cities and Integrated Urban Planning, Advanced Digital System for Cities, Intelligent System for Urban Mobility, Town planning & Sustainable Architecture

**Geo-Technical Engineering/Geo Environmental:** Dynamic behaviour of soils from field & laboratory tests, Mechanism of soil liquefaction, Seismic response of retaining structures, Geotech practices for Environment Management & Disaster mitigation

**Water Resources and Irrigation Engineering:**Artificial Recharge structures-&Rain Water harvesting techniques, Integrated Water Management, Eco-hydrology, Hydroclimatology, Surface and subsurface water problems in civil engineering constructions

**Environmental Engineering & Environmental Law:** Renewable Energy Technology, Green Buildings- Materials and Technology, Solid Waste Management, Global Change on Environment Applications, Nuclear Decommissioning and Waste Management.



**Dr. GANESH MOGAVEER**  
**PROFESSOR & HEAD**  
**DEPT. OF CIVIL ENGG.**

**MITE,**

**BADAGA MIJAR, MOODABIDR**



**For Part-4 Documents**

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