3.7.1: Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.7.1: Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Content

1] Sample copies of collaboration

Supporting Documents for Criteria – 3.7.1

Relevant Documents pertaining to Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year **

Disclaimer: We are providing samples since all of the supporting documents for this criteria exceed the 6MB upload limit. If necessary, we shall provide all/any supporting documents.

European Funds
Knowledge Education Development

Republic of Poland

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POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE

European Union
European Social Fund

AGREEMENT NR 56/PROM/2019

between ,

Lodz University of Technology, Żeromskiego 116, 90-924 Łódź, hereinafter referred to as the "University", represented by **Mrs. Dorota Piotrowska, PhD. Eng., Director of International Cooperation Centre of Lodz University of Technology,** being the Beneficiary in the Agreement for the implementation and financing of the project under the *PROM Programme – International scholarship exchange of PhD students and academics* (hereinafter the Programme), concluded with the Polish National Agency for Academic Exchange, hereinafter referred to as the "Agreement with the University". and

Mr Uvesh Amihajibhai Sipai, ID / Passport number: R4621476, address: Parvejnagar Society, Tithava, 91 Wankaner, Morbi - 363621, India, hereinafter referred to as the "Project Participant".

The parties have agreed the following terms of the Agreement

PROVISIONS OF THE AGREEMENT:

§ 1 – SUBJECT-MATTER OF THE AGREEMENT

1. The parties have decided to implement a scholarship exchange under the Programme following the provisions of the Agreement with the University. The programme is co-financed by the European Social Fund under the Knowledge Education Development Operational Programme.
2. The Project Participant shall represent and confirm that she/he has read the Programme documentation and the obligations imposed on t her/him in the Agreement with the University and the referenced therein and accepts them.
3. The University will provide the Project Participant with co-financing for implementing a short form of education i.e. **between 06/07/2019 and 04/08/2019 obtaining materials for a PhD thesis/scientific article at the Faculty of Electrical, Electronic, Computer and Control Engineering / Institute of Electrical Power Engineering, Lodz University of Technology, Poland,** hereinafter referred to as the Action,
4. The Project Participant shall accept co-financing and undertake to implement the Action referred to in paragraph 3.
5. The Project Participant declares that she/he has read and accepts the terms of this Agreement. Any amendments to this Agreement must be made in writing under penalty of invalidity.

§ 2 – DURATION OF THE AGREEMENT

1. The Agreement shall enter into force on the date of its conclusion, i.e. after signing by the last party.
2. The Action will start on **06/07/2019** and will end on **04/08/2019.**

§ 3 – CO-FINANCING FOR THE ACTION

1. Co-financing of the costs associated with the Action shall be **PLN 16000**, in words: **sixteen thousand zlotys**. The above amount consists of the amount for travelling of **PLN 4000** and the amount for the costs of living of **PLN 12000**. Co-

1

financing can be reduced by the obligatory social and health insurance contributions. In addition, the Project Participant is granted **PLN 0** for fees related to participation in the Action.

2. The Project Participant undertakes to complete an evaluation survey constituting Annex 2 to this Agreement, within the time-limit and on the terms set out in the Programme.

3. The Project Participant is obliged to provide, depending on the nature of the Action, a suitable certificate proving the proper implementation of the Action, the model of the certificate constitutes Annex 3 to this Agreement.

4. Within the period of 10 working days from the completion of the Action, the Project Participant shall provide the University with a properly completed trip settlement form in accordance with the model constituting Annex 1 to the Agreement.

§ 4 – PAYMENTS TO THE PROJECT PARTICIPANT

1. Within 14 days after the entry of this Agreement into force payment amounting to **PLN 12800** will be ordered to be made to the Project Participant.

2. As to the remainder, the University shall pay to the Project Participant the funds by 10 working days once the Trip settlement, referred to in § 3 paragraph 4 is accepted.

3. If the amount of funds provided to the Project Participant according to § 4 paragraph 1 exceeds the amount payable indicated in the trip settlement, the Project Participant is obliged to return the amount of a difference between the amount paid and the amount payable, within 10 working days after the University has accepted the trip settlement. The funds returned by the Project Participant, referred to in the previous sentence, are the unused funds within the meaning of the Agreement with the University.

§ 5 – BANK ACCOUNT

Payments will be made to the Project Participant's bank account as detailed below: **payments will be made in cash at cash desk of the Lodz University of Technology**.

Name of the bank: -

Exact name of the account holder: -

Full account number (including IBAN/BIC bank codes): -; SWIFT: -

Currency of the account: -

§ 6 – PERSONAL DATA

The Project Participants, in concluding this Agreement, is obliged to submit a declaration of personal data, which constitutes Annex 4 to this Agreement. Failure to submit the above declaration by the Project Participant shall constitute the basis for non-payment of funds to the Project Participant and for the withdrawal by the University from this Agreement within 3 months from the date of its conclusion, i.e. by **06/10/2019**.

§ 7 – APPLICABLE LAW AND JURISDICTION

Granting and payment of co-financing under the Programme shall be made on a basis of the provisions of this Agreement, taking into account the provisions of the Agreement with the University. Any disputed matters relating to this Agreement shall be settled in accordance with the Polish legislation.

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European Union
European Social Fund

§ 8 – FINAL CONDITIONS

1. The court with jurisdiction to resolve any disputes arising from this Agreement will be the court competent for the University.
2. This Agreement has been drawn up in two identical copies, one for each party.

Project Participant

For the University

Uvesh Amihajibhai Sipai

Dorota Piotrowska, PhD Eng.,
Director of International Cooperation Centre
Lodz University of Technology

DYREKTOR
CENTRUM WSPÓŁPRACY MIĘDZYNARODOWEJ
Politechniki Łódzkiej
dr inż. Dorota Piotrowska

....

signature

....

signature

Lodz, 06/07/2019
place and date

Lodz, 06/07/2019
place and date

Politechnika Łódzka
90-924 Łódź, ul. Żeromskiego 116
NIP 727-002-18-95 Regon 000001583
Stamp of the University

Annexes:

1) Trip settlement form,
2) Evaluation survey,
3) Model of the Certificate,
4) Declaration of the Project Participant.

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European Union
European Social Fund

CERTIFICATE

Mr

Uvesh Amihajibhai Sipai

participated in

PROM Program - International Scholarship Exchange of PhD Candidates and Academic Staff (contract number POWR.03.03.00-00-PN13/18).

in the period *July 6, 2019 to August 4, 2019 in Lodz University of Technology, Poland.*

4th August 2019

....

date and signature of the organizer

LODZ UNIVERSITY OF TECHNOLOGY
INSTITUTE OF ELECTRICAL POWER
ENGINEERING
18/22 Stefanowskiego Str.
90-924 LODZ
e-mail: i-15@adm.p.lodz.pl
POLAND

Description of learning outcomes[1]:

Please describe the learning outcomes as a result of participating in the event using the following formula and catalogue of terms. Defined learning outcomes should be easy to verify. Therefore, too general and complex wording should be avoided, the description language should be simple and precise.

Knowledge (knows and understands...)[2]
The scholarship holder knows / searches / formulates / explains / recognizes / distinguishes / names / selects / translates / indicates ......

- *The scholarship holder knows fundamentals of electrical network operation,*
- *The scholarship holder has a depth understanding of the recent developments in power system transformation forwards sustainable power sector,*
- *The scholarship holder knows the design and control principles of power converters used for the grid integration of renewable energy sources and energy storage facilities,*
- *The scholarship holder distinguishes between different types of power converters, selects appropriate models, knows their properties, limitations and technical requirements,*
- *The scholarship holder names the main technical issues linked to applications of power converters in distribution grids, including power quality, stability and reliability aspects*
- *The scholarship holder explains the physical phenomena relevant to power converter operation in the grid,*
- *The scholarship holder knows the state-of-the-art in smart grid concept implementation and microgrid control.*

Skills (can...) [3]
The scholarship holder analyses / selects / uses / links / operates / develops / organises / undertakes / calculates / leads / prepares / solves / implements / verifies / searches / designs....

- *The scholarship holder selects and links appropriate simulation models to study relevant physical phenomena dealing with power converter operation in on-grid modes,*
- *The scholarship holder prepares proprietary simulation models using mathematical description and physical characteristics of devices,*
- *The scholarship holder calculates model parameters using provided technical specifications of considered models,*
- *The scholarship holder operates advances simulation tools, e.g. MATLAB and SIMULINK,*
- *The scholarship holder designs and implements various control algorithm of power electronics converter for various applications,*
- *The scholarship holder analyses and verifies simulation results and searches for errors and inconsistencies in the obtained results.*

Social competences (is ready to...)[4]
Scholarship holder is willing to... / conscious... / able to... / oriented on... / open to... / responsible for... / takes care of... / acts in accordance with... / strives for...

- *The scholarship holder takes care of the entrusted tasks,*

---

[1] **A learning outcome** is what a learner knows, understands and is able to do as a result of learning and it is included in the categories of knowledge, skills and social competences.

[2] **Knowledge** – a set of descriptions of objects and facts, principles, theories and practices, assimilated in the learning process, related to the field of learning or professional activity.

[3] **Skills** – the ability to carry out tasks and solve problems related to the relevant field of learning or professional activity.

[4] **Social competences** – the ability to participate autonomously and responsibly in professional and social life and to shape one's own development, taking into account the ethical context of one's own behaviour.

- *The scholarship holder is oriented on solving problems creatively and effectively, on delivering solutions in time, on satisfying high work requirements standards*
- *The scholarship holder is able to work in a team and coordinate efforts within small working groups,*
- *The scholarship holder is able to think ahead of the limits and systematically examine and form new ideas and to encourage and assist others in this process and contribute to the expansion of those ideas*
- *The scholarship holder is willing to autonomously and systematically transform practical experiences into research problems*
- *The scholarship holder is able to communicate with work partners, to explain and present assumed actions and achieved results in a well-defined and effective way.*

Munindra Lunagaria <munindra.lunagaria@marwadieducation.edu.in>

Nomination for Faculty Development program - June 10-14 - Rishabh Software
2 messages

Hiren Kotadiya <hiren.kotadiya@marwadieducation.edu.in>   Thu, Jun 6, 2019 at 12:03 PM
To: Falguni.Ranadive@rishabhsoft.com
Cc: Ashish Revar <ashish.revar@marwadieducation.edu.in>, Munindra Lunagaria
<munindra.lunagaria@marwadieducation.edu.in>, Jay Teraiya <jay.teraiya@marwadieducation.edu.in>, Gaurav
Gandhi <gaurav.gandhi@marwadieducation.edu.in>, Umesh.Shah@rishabhsoft.com

Dear Sir/Madam,

Kindly consider nomination of following two faculties from Marwadi University.

(1) Prof. Ashish Revar
Mobile No: 9909298846
Email: ashish.revar@marwadieducation.edu.in

(2) Prof. Munindra Lunagaria
Mobile No: 9879734111
Email: munindra.lunagaria@marwadieducation.edu.in

Kindly give us confirmation for nomination. Let me know if you need any other information.

Hiren Kotadiya
Assistant Professor
Computer Engineering Department

📱+91 9601700990   📞+91-281-7123456   🌐 marwadiuniversity.ac.in

---------- Forwarded message ---------
From: **Umesh Shah** <Umesh.Shah@rishabhsoft.com>
Date: Tue, Jun 4, 2019 at 12:11 PM
Subject: RE: Faculty Development program - June 10-14
To: placement@svmit.ac.in <placement@svmit.ac.in>, placement@svitvasad.ac.in <placement@svitvasad.ac.in>,
tpo.sbpolytechnic@kjit.org <tpo.sbpolytechnic@kjit.org>, gaurav.gandhi@marwadieducation.edu.in
<gaurav.gandhi@marwadieducation.edu.in>, gcet_tpo@yahoo.co.in <gcet_tpo@yahoo.co.in>, TPO BITS EDU
CAMPUS <tpo@bitseducampus.ac.in>, tpo@djmit.ac.in <tpo@djmit.ac.in>
Cc: Falguni Ranadive <Falguni.Ranadive@rishabhsoft.com>, RISE <rise@rishabhsoft.com>

Hi all,

As discussed with you on telephone, we are awaiting your response for registering faculty for FDP program starting
from June 10 to 14

We will cover good amount of technology with real time scenario

Below email list some of them

Please register faculty as early as possible

Thanks,

Umesh Shah

Consultant | Rishabh Software

Mobile: **+91 9898084592 |** Tel: **+91 265 2680159 / 2681159**

Website: rishabhsoft.com **|** Twitter: twitter.com/RishabhSoft

Linkedin: linkedin.com/company/Rishabh-Software

From: Umesh Shah
Sent: Tuesday, May 14, 2019 2:48 PM
To: 'tnp@mbict.ac.in' <tnp@mbict.ac.in>; 'amish.ljiipc@gmail.com' <amish.ljiipc@gmail.com>
Cc: 'Falguni.Ranadive@rishabhsoft.com' <Falguni.Ranadive@rishabhsoft.com>
Subject: Faculty Development program - June 10-14

Hello,

Greetings from Rishabh Software!

Rishabh Software is a CMMi level 3 company, with more than 18 years of expertise in the software development, engineering & recruitment process services. We take pride in being one of the top companies in Gujarat, for the level of technical expertise that we have achieved through these years. Following are some of the key facts about us:

· Over 18 years of experience in software development

· CMMI Level 3, ISO9001:2008 and ISO27001 certified

· Successfully executed over 1000+ projects globally across 400+ clients

· Over 100,000 sq. feet of creative and vibrant work space

· Global Development Partnerships – Microsoft, Oracle, Design and Solution Partner - Big Commerce

· Growing team size with more then 500+ brilliant minds

RISE, is an initiative started by Rishabh Software which focuses in **transforming the individuals into professionally trained workforce, with a focused career oriented program**. Our aim to is to train the individuals on technologies, which would bring them **closer to the needs of the market/industry.**

During our recent visit or telephone discussion, we have been discussing on development of faculty to provide industry exposure and awareness of technology so that they are better equipped to train the students.

Keeping this in mind and request from various institute we are planning to conduct faculty development program at our premises at Vadodara from June 10 to June 14 (5 Days Program)

Our Office address –

Plot#66,Besides Sigil India, Old Padra road ,Atladara, Vadodara Tel 0265 2680159

This year we are planning to conduct FDP as follows

Few Technology with Basic concept in use in real time scenario

Microsoft technology / Word Press/Drupal/IOS /Android / PHP/Java /PMO methodology

We will have session on Rishabh Profile / How we work to get projects / what we expect from Industry / RISE / feed back

Timing will be from 10:30 A.M. to 5 P.M. / FDP program is free / Tea and lunch will be provided by company / Certificate

We request you to nominate two of your faculty for this program. If we have vacancy we will intimate for further nomination.

Please register your name of the faculty with Falguni by sending email to 'Falguni.Ranadive@rishabhsoft.com**'**

Thanks,

Umesh Shah

Consultant | Rishabh Software

Mobile: +91 9898084592 | Tel: +91 265 2680159 / 2681159

Website: rishabhsoft.com **|** **Twitter:** twitter.com/RishabhSoft

Linkedin: linkedin.com/company/Rishabh-Software

Umesh Shah <Umesh.Shah@rishabhsoft.com>   Thu, Jun 6, 2019 at 12:07 PM
To: Hiren Kotadiya <hiren.kotadiya@marwadieducation.edu.in>, Falguni Ranadive
<Falguni.Ranadive@rishabhsoft.com>
Cc: Ashish Revar <ashish.revar@marwadieducation.edu.in>, Munindra Lunagaria
<munindra.lunagaria@marwadieducation.edu.in>, Jay Teraiya <jay.teraiya@marwadieducation.edu.in>, Gaurav
Gandhi <gaurav.gandhi@marwadieducation.edu.in>

We are confirming registration

Will send invitation letter separately

[Quoted text hidden]

TO WHOMSOEVER IT MAY CONCERN
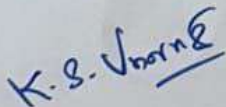
This is to acknowledge that **Munindra Lunagaria** from **Marwadi University** has successfully participated & completed one-week Faculty Development Program (FDP) from 10th June, 2019 to 14th June, 2019 awarded from Rishabh Software.

The prime objective of this FDP Program, initiated by Rishabh Software, is to help faculties to enhance the best industry practices and emerging trends through industry experts in across technologies. Rishabh Software aims to conduct this program every year to contribute to the society and universities across Gujarat, to produce great talents through these trained faculties.

The candidate has taken specific training and developed knowledge on various genres of topics covered in the FDP Program, which includes best practices on Data Analytics, Pre-sales, Software Testing, Magento, Drupal, Wordpress, iOS, Android, Microsoft Technologies, JAVA, PHP, Laravel, Enterprise Application Development, UI/UX Design, and Project Management.

We wish the participant best for all their future endeavours.

For Rishabh Software Private Limited,

K.S. Voorne

Balaji K S
Vice President – Human Resource

Software | BPO | Engineering
www.rishabhsoft.com
Corporate Office: Rishabh Software Pvt. Ltd., Plot 66, Beside Sigil India, Padra Road, Atladara, Vadodara – 390012, Gujarat.
Tel.: +91(265) 2680159, 2681159, CIN : U72200GJ1997PTC031450

CMMIDEV /3
Exp. 2016-02-33 / Appraisal #19935

MARWADI CHANDARANA GROUP

Munindra Lunagaria <munindra.lunagaria@marwadieducation.edu.in>

{DE FDP} Register for 52nd FDP (4-days) on Design Engineering from 29th July to 1st August, 2019. Please circulate among your colleagues too

3 messages

design gtu <design@gtu.edu.in>   Sat, Jul 20, 2019 at 2:25 PM
Bcc: munindra.lunagaria@marwadieducation.edu.in

Dear Sir/Ma'am,

Greetings from the GTU - Design Team for well started Academic Year 2019-20.

With your splendid efforts and active interest, Centre for Industrial Design (OPEN DESIGN SCHOOL) has successfully completed four years of Design Engineering course in which 51 Faculty Development Program (FDP) have been organized for 3rd, 4th, 5th and 6th semester with training of more than 4000 faculty members from around 140 engineering colleges across the states from more than 15 branches.

For AY 2019-20 (Odd Semester), again Centre is bringing all new set of FDPs for faculty members of GTU's affiliating colleges with new sets of Design Thinking workshops. We have planned 52nd FDP, it will cover the whole Design Thinking process at basic level for 3rd to 6th semester, suitable for all faculty members who want to acquainted with Design Thinking methodology and never attended Design Engineering FDP earlier. *We also encourage the faculty members who are already trained in previous FDPs to refine their learning of Design Thinking.*

Date: 29th July to 1st August, 2019 (52nd FDP, Basic - Level 1)

Time: 09.00 am to 5.00 pm everyday

Venue: A-2 Seminar Hall, GTU Chandkheda campus, GTU, Ahmedabad.

Kindly find the circular for FDP in attachment and also you can find it on GTU website and DE portal for more details and registration. circulate this message to others for their benefits.

(Note: We will soon announce advance level (level 2 & 3) FDP, probably in second half of August, for those who are trained in Design Engineering FDP earlier)

Should you have any query, kindly revert back on - design@gtu.edu.in

Thank you. Hope to see you soon.

Regards,

Team Design Engineering
Centre for Industrial Design (Open Design School)
Gujarat Technological University (GTU), Ahmedabad
Contact us : 079 - 23267612
Visit us: http://de.gtu.ac.in/

Do you really need to print this email??? Consider the environment before printing....

📄 **Circular_52nd FDP (Level 1)_29 July - 1 Aug 2019_384527.pdf**
582K

Munindra Lunagaria <munindra.lunagaria@marwadieducation.edu.in>   Sat, Jul 20, 2019 at 2:57 PM
To: Jay Teraiya <jay.teraiya@marwadieducation.edu.in>

Respected Sir,

This is for your reference.

--

Thanks & Regards

Munindra Lunagaria

Assistant Professor - Computer Engineering
Office: MB258 | Intercom Ext: 1289

📱+91 9099056637   📞+91   🌐 marwadiuniversity.ac.in

[Quoted text hidden]

📄 **Circular_52nd FDP (Level 1)_29 July - 1 Aug 2019_384527.pdf**
582K

Dhaval Anadkat <dhaval.anadkat@marwadieducation.edu.in>   Mon, Jul 22, 2019 at 12:42 PM
To: Munindra Lunagaria <munindra.lunagaria@marwadieducation.edu.in>, Chandreshkumar Vyas
<chandreshkumar.vyas@marwadieducation.edu.in>
Cc: Jay Teraiya <jay.teraiya@marwadieducation.edu.in>, Nikunj Rachchh
<nikunj.rachchh@marwadieducation.edu.in>, Ramdevsinh Jhala <ramdevsinh.jhala@marwadieducation.edu.in>

Dear Sir,
Kindly allocate one faculty from your department for the FDP of design Engineering at GTU Chandkheda,
organised from 29th July to 1st August.

For any query you can contact me.

Thanks & Regards...

Dhaval Anadkat
M.Tech Mechanical - CIM
SAE Coordinator
Asst Prof.-Mechanical Department
Cabin No: MA056   -Extension No: 1067

📱**+91 9510904455**   📞**+91-281-**7123456   🌐 **marwadiuniversity.ac.in**

[Quoted text hidden]

📄 **Circular_52nd FDP (Level 1)_29 July - 1 Aug 2019_384527.pdf**
582K

Gujarat Technological University

Centre for Industrial Design (Open Design School)

Organizes:

52nd Faculty Development Program (FDP) (Level 1)

Design Engineering (3rd + 4th + 5th + 6th Semester)

Date: **29th July to 1st August, 2019 (52nd FDP – Basic Level 1)**

Venue: A-2 Seminar hall, GTU, Chandkheda campus, Ahmedabad.

Time: 9.00 am to 5.00 pm; Everyday

Kindly register here: https://forms.gle/NbzczaMv9j1gNHvG9

Message for Principals/ Directors/ HODs/Design Coordinators: For every group of 30 students, in every Branch, please make sure that at least one Faculty Member must be trained through FDPs at GTU.

GTU introduced courses of Design Engineering through Design Spine, during the academic year 2014-15, beginning from the 3rd semester. Design Engineering is a very unique and pioneering initiative of GTU and it is based on **"Design Thinking"** methodologies developed and used by engineers and designers all over the globe. One of the key objectives of this initiative is to infuse the methodology of Design Thinking into the mind-set of the students and the faculty members for enhancing problem solving skills so that it is used in the study of all the core subjects of every branch. Other core objectives include; To stimulate thought process and creativity among the students, To learn problem-solving techniques, To lessen the copy-paste in the Project work etc.

GTU's Centre for Industrial Design – OPEN DESIGN SCHOOL has taken up the challenge of implementing this course in all the affiliated engineering colleges of GTU. Since AY 2014-15, *Centre for Industrial Design* – OPEN DESIGN SCHOOL has organized total 51 Faculty Development Programs (FDPs) since 2014, in which more than 4000 faculty members from 140 Engineering colleges across the state, from more than 15 branches, have been trained for Design Thinking at various level.

OPEN   DESIGN   SCHOOL

Now during this Odd semester Winter 2019 (AY 2019-20), the Centre is bringing more FDPs for faculty members with new and refined hands-on exercises, presentations, examples and techniques of Design Thinking. The revised guidelines published on the website (Link: https://bit.ly/32BZ0HN) talks about little change in the approach for projects that students will take from 3rd to 6th semester, but the Design Thinking process would remain same.

This basic introductory level FDP will cover the whole Design Thinking process and approach to be taken from 3rd to 6th semester and also the little changes that happened from current AY, suitable for all the Faculty Members who want to acquaint with Design Engineering subject and never attended FDP before. We will shortly announce Intermediate (level 2 & 3) and advance level (level 4 & 5) FDPs for those who have attended FDP earlier. However, we encourage institute to send faculty members who already attended basic level to attend this FDP to refine their learning and for more practice.

Exclusive features of FDP:

- New set of learning material including PPTs, Videos, Case Studies, Examples etc.
- Hands-on exercises designed exclusively for FDPs to understand Design Thinking approach
- Expert sessions during FDP (Physical interaction or Skype)
- Working on Real life issues with practical based learning

Workshop Program: (Level 1 – Basic)

Day 1:

Session 1 – **Welcome & Orientation session**– Introduction to Design Engineering Course

Session 2 – **Introduction** – What is Design Thinking? Its importance, socio-economic relevance

Session 3 – **Learning Tools to better Learn Design Thinking** – Bio Mimicry, Analogy, Gestalt Model and Heuristic Approach – All with examples

Session 4 – **Hands on Exercises** – Team Building and Log book

Day 2:

Session 5 – **Empathy** – Observation techniques & Field work

Session 6 – **Field Visit** – To gather observation data

Session 7 – **Summarization of Data** - Analysis of Data gathered during Observations through Mind Mapping

Session 8 – **Empathy Mapping & Problem Definition** – Canvas Preparation

Day 3:

Session 9 – **Ideation** – Brainstorming techniques to Innovation

Session 10 – **Ideation Canvas** – Canvas Preparation

Session 11 – **Product Development** – Form, Function, Features

Session 12 – **Product Development Canvas** – Canvas Preparation

Day 4:

Session 13 – **Reverse Engineering** – Redesigning Branch Specific artefact/component/product

Session 14 – **Disassembly & Identify Technical aspects**

Session 15 – **Prototyping techniques**

Session 16 – **Building rough prototype (Hands-on activity)**

Recap on FDP and certificate distribution

Note:
Certificate will be only issued to the participant upon successfully completion of training for all four days. University will not entertain anyone in any case for any institute related or personal work during the period of FDP.

For more information, kindly visit: http://www.de.gtu.ac.in

Should you have any query, kindly write us on: design@gtu.edu.in

Sd/-
Registrar, GTU

GUJARAT TECHNOLOGICAL UNIVERSITY

ESTD - 2007

CENTRE FOR INDUSTRIAL DESIGN
(OPEN DESIGN SCHOOL)

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. **Munindra Lunagaria** of **Marwadi Education Foundation Group Of Institutions,Rajkot** has successfully participated in "Faculty Development Program for Design Engineering (Level 1)" from 9th July to 12th July, 2019 at GTU, Chandkheda campus for his/her creative efforts jointly with his/her team.

12th July, 2019
GTU, Ahmedabad

DR. K. N. KHER
REGISTRAR
GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

Marwadi University

MARWADI EDUCATION FOUNDATION'S GROUP OF INSTITUTIONS

Rajkot Morbi Highway, At : Gauridad. Tal. & Dist : Rajkot - 360003
Email : Info@marwadieducation.edu.in

Expense Approval Note Against Budget

Print Date : **19 July,2019**

Approval ID	:	455
Approval For	:	Chairman Sir
Department Name	:	COMPUTER ENGINEERING
SUBJECT	:	Faculty Development Program for Design Engineering workshop - at GTU ChandKheda

Details :

Design Engineering Faculty Development Program - 51st FDP (4-days) on Design Engineering from 9th to 12th July, 2019. at GTU Campus Chankheda.

FACULTY TRAINING & STTP		Allocation :- 0
STTP		Allocation :- 0

Particular	Qty	Required Amt
FDP - Design Engineering - Pre-Approval (Remark : Design Engineering Faculty Development Program - 51st FDP (4-days) on Design Engineering from 9th to 12th July, 2019. at GTU Campus Chankheda.)	1	6900
TOTAL		**6900**
GRAND TOTAL		**6900**

Request to please approve the expense,

Regards,

Mr. MUNINDRA LUNAGARIA

COMPUTER ENGINEERING

_____ * Approval Authority * _____

	228 - MUNINDRA LUNAGARIA			383 - JAY TERAIYA			104 - RAJENDRASINH JADEJA	
Creator	RS. 6900	08/07/2019 05:43 PM	Approved	RS. 6900	11/07/2019 11:53 AM	Approved	RS. 6900	11/07/2019 11:56 AM

	1158 - NARESH JADEJA			- IQAC-CHAIRMAN	
Approved	RS. 6900	12/07/2019 05:24 PM		RS.	

LETTER OF APPRECIATION

The UTP University of Science and Technology in Bydgoszcz, Poland

would like to take this opportunity to express our heartful thanks to

Prof. Rajendrasinh Jadeja

Marwadi University

for truly enlightening lecture

"Efficient graphene solar absorber"

held on 25th October, 2019

We are very grateful to you for taking the time to speak to us and share with us your outstanding research during

International Colloquium:
What is INFORMATION
how to: get, process, code and read it, in the elegant world of mathematical, statistical and quantum physics

Prof. Adam Gadomski
Vice-rector for International Relations

Industrial Tour 2019

This is to inform all the students that Industrial Visit has been arranged for FCA (Faculty of Computer Application) students. Details are as follows

spectrum softtech solutions pvt. ltd.	NESTSOFT	Suyati dream. dare. do
Company will be finalized based on the permission & availability during dates		

Date   : 28-June-2019 to 05-Jul-2019

Days   : 8 Days (Including Train Journey)

Fees   : Rs. 7500/-

Places to Visit :
- Kochi
- Munnar

Register your names to **Prof. Nilesh Advani.** Interested students must register late by **20-April-2019 (Saturday)**. Students are supposed to pay Rs. 2500/- by 20-April-2019, as a token of registration. (Which is non refundable but transferable to other students before we book the tickets)

Dr. R. SRIDARAN
DEAN,
FACULTY OF COMPUTER APPLICATIONS,
MARWADI UNIVERSITY,
RAJKOT - 360003
GUJARAT STATE,

Marwadi University
Marwadi Chandarana Group

Faculty of Computer Application

Kerala Industrial Visit by FCA Department – MU

(28-Jun-2019 to 5-July-2019)

Recently FCA department organized an Industrial Visit to Kochi (kerala) between 28-Jun-2019 to 5-July-2019. Visit included mainly Nestsoft It Company Kochi where details about working of data science .

Total 81 students in the visit with 3 Faculty Members i.e. Prof. Vivek Gondalia & Prof. Keshvi Mehta,Prof.Hiral Thakar

Expert lecture organized in order to give the details of Nestsoft Technologies and its services and functionalities.

Apart from company visit students were taken for sightseeing in Munnar as a part of Leisure activities where they spent good time with each other.

Total Number of student participated : 81
Faculty Member : 03 (Prof. Vivek Gondalia & Prof. Keshvi Mehta , Ms.Hiral Thakar)

Spectrum sofftech pvt Ltd   Spectrum sofftech pvt Ltd

Student list:

No.	Student Name
1	DHYEY RASENDU AVASHIA
2	JASHBHAI KETANBHAI SHAH

Dr. R. SRIDARAN
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FACULTY OF COMPUTER APPLICATIONS,
MARWADI UNIVERSITY,
RAJKOT - 360003
GUJARAT STATE.

Marwadi University
Marwadi Chandarana Group

Faculty of Computer Application

3	MAULIK MAYURBHAI RAVAL
4	RAHUL KAMLESHBHAI JAJAL
5	RAJAN VIRESHBHAI THAKKAR
6	SURBHI PRAVINBHAI SORATHIYA
7	AKASH SANJAY KUMAR TRIVEDI
8	BHAVIK MAGANBHAI BARAIYA
9	CHANDNI BHAVESH GUSANI
10	DERLIN RIBISH DANIEL MANOHAR
11	HARDIK NILESHBHAI DUBAL
12	HASTI TEJASBHAI ADHIYA
13	HIMANI BALKRISHNABHAI THAKER
14	KAPIL HASMUKBHAI CHANABABA
15	KISHAN RANJITBHAI DHARAJIYA
16	KUNAL JASVANTBHAI CHHATBAR
17	PRIYANK ALKESHBHAI JAMVECHA
18	SAKINA SAIFUDDIN VADIWALA
19	SUROJEET SANDIP MANDAL
20	TEJAS DIPAKBHAI CHAUHAN
21	BRINJAL SURESHBHAI SARVAIYA
22	JANVI DINESHBHAI GONDHIYA
23	KISHAN VRAJLAL VIRADIYA
24	TANVI PRAMITBHAI DOSHI
25	YASH HARESHBHAI PIPARIYA
26	AKASH KISHORBHAI ASODARIYA
27	CHETANKUMAR DEVABHAI PARMAR
28	CHIRAG LAXMANDAS GWALANI
29	JAYDEV AVANISHBHAI BHATT
30	MAITRI BINDESHBHAI MEHTA
31	MOHIL KAMLESHPURI GOSWAMI
32	PAMELI SANJAY GOSWAMI
33	RIDDHI RASIKBHAI KACHA
34	VIDHI VINODBHAI RAJA
35	VIVEK BAKULBHAI KANAKHARA
36	BATUL TAIYABBHAI MAKADA
37	BHARAT HARDAS KUCHHADIYA
38	DEEP VALLABHBHAI GHODASARA
39	HENSI MANOJKUMAR PITHADIYA
40	JENISH CHANDRAKANTBHAI LILA
41	KAVYA PARASBHAI SHETH
42	KULDIP RAMESHBHAI PARMAR
43	ANJANA RAIYANI
44	MEET PARAGBHAI BHATT

Dr. R. SRIDARAN
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FACULTY OF COMPUTER APPLICATIONS,
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RAJKOT - 360003
GUJARAT STATE.

Faculty of Computer Application

45	MOHAMMED . ADAMU
46	BRINKAL KANTESARIYA
47	POOJA RAJENDRAKUMAR RAVAL
48	RAHIL ABDULBHAI DODHIYA
49	SACHIN BHARATBHAI BALELIYA
50	SAVAN MUKESHBHAI ASODARIYA
51	SHRUTI DILIPKUMAR MAKAVANA
52	SURBHI RAJESHKUMAR MEHTA
53	TANVI RAJESHBHAI UPADHYAY
54	HITAXI RAJESHBHAI KALARIYA
55	KEVAL PARESHBHAI LOTIA
56	KHUSHBU PRAKASHBHAI BALDEV
57	KISHAN DHIRAJBHAI VEKARIYA
58	KRUPA JAGDISHBHAI BHALANI
59	MILIND VIJAYBHAI SOMAIYA
60	MIRAL DIPAKBHAI RAJPOPAT
61	MONALI SURESHBHAI RAIYANI
62	MRUGA HITENDRABHAI LAKHLANI
63	NEHABEN BHAGVANJI GOHEL
64	NIDHI DILIP BHAI KACHHELA
65	NIYATI RAVIBHAI PORIYA
66	PALLAV AJAY KOTHARI
67	RONAK VIMALBHAI SOLANI
68	VIDHI HARESHBHAI KHUNT
69	DEVANG KISHORBHAI OZA
70	DINKI RAMESHBHAI MAKWANA
71	DIVYESH VINODBHAI PITHVA
72	HARESHABHAI MAGANBHAI BARAIYA
73	HARSH MANISHBHAI JANANI
74	JAY DINESHBHAI MAKVANA
75	JAYKISHAN HITESHBHAI SANCHANIYA
76	KARTIK . SUTHAR
77	KETAN NANDARAMBHAI GONDALIYA
78	KRISHNA MAHESHBHAI SATA
79	MEHULBHAI RAMESHBHAI DABHI
80	NIKITABEN JANAKBHAI PUROHIT
81	SANJAYBHAI DHIRAJLAL PARMAR

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GUJARAT STATE,

Marwadi University

Marwadi Chandarana Group

Faculty of Computer Application (FCA)

Industrial Visit 2020

This is to inform all the students that Industrial Visit has been arranged for FCA (Faculty of Computer Application) students. Details are as follows

सी डैक **CDAC**   **birlasoft** CK BIRLA GROUP   **IMPETUS**   infogain Engineering Business Outcomes

Any Company will be finalized based on the permission & availability during dates

Date   : 29-Jan-2020 to 04-Feb-2020

Fees   : Rs. 7500/-
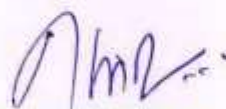
Places to Visit :
- Delhi
- Shimla

Register your names to **Prof. Vivek Gondalia.** Interested students must register late by **05-Dec-2019 (Thursday)**. Students are supposed to pay Rs. 2500/- by 05-Dec-2019, as a token of registration. (Which is non refundable but transferable to other students before we book the tickets)

Important : All Students have to fill up COMMITMENT FORM, else will not be allowed for Ind. Visit in any case.
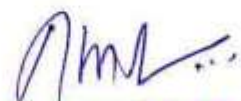
Dr. R. SRIDARAN
DEAN,
FACULTY OF COMPUTER APPLICATIONS,
MARWADI UNIVERSITY,
RAJKOT - 360003
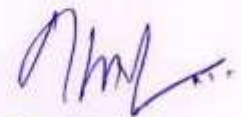GUJARAT STATE.

Faculty of Computer Application (FCA)

<u>Delhi Shimla Industrial Visit by FCA Department</u>

(29-Jan-2020 to 4-Feb-2020)

Recently FCA department organized an Industrial Visit to Kochi (kerala) between 29-Jan-2020 to 4-Feb-2020. Visit included mainly CDAC- IT Hub Delhi where details about working and training environment and Informative session was given.

Total 83 students took part in the visit with 3 Faculty Members i.e. Prof. Vivek Gondalia , Prof.Amit Gohel , Prof.Hiral Thakar

Expert lecture organized in order to give the details of CDAC IT Hub and its services and functionalities.

Apart from company visit students were taken for sightseeing in Shimla as a part of Leisure activities where they spent good time with each other.

Total Number of student participated : 83
Faculty Member : 03
(Prof. Vivek Gondalia , Prof.Amit Gohel , Prof.Hiral Thakar.)

Sr. No.	Student Name
1	HARSH ASHOKBHAI AGARWAL
2	NAVGHAN PARBATBHAI PARMAR
3	RAVINDRAKUMAR MANSUKHBHAI ANDHROJIA
4	JAIMIN ASHOKBHAI DHAMECHA
5	HARDI SANJAYKUMAR VEKARIYA
6	SAKSHI NILESHBHAI KHODANI

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GUJARAT STATE.

Marwadi University
Marwadi Chandarana Group

Faculty of Computer Application (FCA)

7	SALONI SATYAJEET CHAUHAN
8	KEYUR MAHESHBHAI BHALSOD
9	DRASHTI BHARATBHAI VADODARIYA
10	VANDAN MANOJBHAI SOJITRA
11	YASHVI VIPULBHAI KHETANI
12	SAKINA HOZEFABHAI MAKDA
13	HARSH NIKHIL MEHTA
14	SULTAN IQBAL BHOKAL
15	KRISHNA NITESHBHAI DOBARIYA
16	NEVIL JITESHBHAI SORATHIYA
17	PARAM MUKESHBHAI TRIVEDI
18	KEVAL MANISHBHAI DHANGADHARIYA
19	NIRAJ PARESHBHAI BERA
20	SONAL JAIPRAKASH SHAH
21	NIRALI ASHOKKUMAR ZIBA
22	RUSHIT VIMALBHAI PARMAR
23	AMANKUMAR KETANBHAI DHRUVE
24	YASHPAL DOLATBHAI RATHOD
25	SOMNATH BHAUSAB YADAV
26	DHRUVINKUMAR NILESHBHAI SAVSANI
27	VIVEKKUMAR KISHORBHAI DODIYA

Dr. R. SRIDARAN
DEAN,
FACTY OF COMPUTER APPLICATIONS,
MARWADI UNIVERSITY,
RAJKOT - 360003
GUJARAT STATE.

No.	Name
28	VIVEK SUBHASBHAI VEKARIYA
29	RAHUL PARESHBHAI NATHVANI
30	LALITKUMAR TILOKCHAND LAXKAR
31	MAULIK MAYURBHAI RAVAL
32	DHYEY RASENDU AVASHIA
33	RAHUL KAMLESHBHAI JAJAL
34	JASHBHAI KETANBHAI SHAH
35	PARTH DILSHUKHBHAI VARMORA
36	SURBHI PRAVINBHAI SORATHIYA
37	KISHAN ROSHANLAL KAPOOR
38	HARDIK NILESHBHAI DUBAL
39	SHASHVAT HITESHKUMAR NASIT
40	YASH RATIBHAI DHAMELIYA
41	HEMANGEE RAMESHBHAI SOLANKI
42	NIKITA GAJANANDBHAI SHARMA
43	POOJA DEEPAKBHAI PATEL
44	KRUPALI HASMUKHBHAI BHAGLANI
45	YASMIN SIKANDARBHAI MULLA
46	RUTABEN DHIRUBHAI VEKARIYA
47	NISHA JITENDRA BARAD
48	BRIJEN ANILBHAI LAKHANI

Dr. R. SRIDARAN
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MARWADI UNIVERSITY,
RAJKOT - 360003
GUJARAT STATE,

Marwadi University
Marwadi Chandarana Group

Faculty of Computer Application (FCA)

49	GOKUL CHETANKUMAR KANASAGARA
50	JUHI PANKAJBHAI VIRANI
51	NENSHIBEN RAMNIKBHAI BHALANI
52	NAIMISH MAHENDRABHAI VAGHELA
53	KHUSHBU KIRITBHAI TANK
54	NIKHIL DILIPKUMAR PITHADIYA
55	SHARAD PRAFULLBHAI VADGAMA
56	BHAVIN VASANTBHAI SOLANKI
57	HIRAL MANISHBHAI PANDHI
58	VIVEK JAYANTIBHAI DESAI
59	SMIT BAVALAL TOGADIYA
60	ADITYA HITESHKUMAR PUROHIT
61	JEET HARESHBHAI VAJA
62	NITIN CHANDRAPRAKASH PALECHA
63	ANAND DAMJIBHAI KAGATHARA
64	NAMAN PARESHBHAI MEHTA
65	RAVIKUMAR RAMESHBHAI VEGAD
66	KAJAL RAJESHBHAI BALASARA
67	SACHIT RAJNIKANT PARMAR
68	SHYAM AJAYKUMAR THAKAR
69	LUVAY SHABBIR HUSENBHAI BHARMAL

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Marwadi University
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70	KRUNAL MAHESHBHAI DHARAIYA
71	RITESH RAMDEV VISHWAKARMA
72	RADHIKA MANISHBHAI GOHEL
73	MIRAL DILIPBHAI SOLANKI
74	MOHIL DIPAKBHAI THARECHA
75	KEYURKUMAR ASHVINBHAI DALASANIYA
76	NIRBHAYGIRI ISWARGIRI GAUSWAMI
77	ZAHIDULLAH SHERZAD
78	JANAK NATUBHAI SIDDHPURA
79	GHANSHYAM CHHAGANBHAI PANDAV
80	NISHI RAJENDRABHAI GANDHI
81	SPANDAN VIRENDRABHAI DHOLAKIA
82	KRUNALKUMAR JAYSUKHBHAI PATEL
83	MILAN RAMESHBHAI GOPANI

Dr. R. SRIDARAN
DEAN,
FACULTY OF COMPUTER APPLICATIONS,
MARWADI UNIVERSITY,
RAJKOT - 360003
GUJARAT STATE.

CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Explain network technologies.
- Explain how devices access local and remote network resources.
- Describe router hardware.
- Explain how switching operates in a small to medium-sized business network.

- Design an IP addressing scheme to provide network connectivity for a small to medium- sized business network.
- Configure initial settings on a network device.
- Implement basic network connectivity between devices.
- Configure monitoring tools available for small to medium-sized business networks.

AACHAL BHALODIA

Student

Marwadi Education Foundation's Group of Institutions

Academy Name

India

Location

5 Apr 2020

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

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AAYUSH MONANI

Student

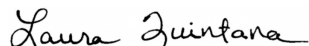**Marwadi Education Foundation's Group of Institutions**

Academy Name

India

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BHARVI BIJLANI
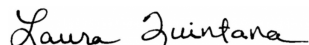
Student

Marwadi Education Foundation's Group of Institutions

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CHINTAN JOSHI

Student

Marwadi Education Foundation's Group of Institutions

Academy Name

India

Location

5 Apr 2020

Date

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Laura Quintana
VP & General Manager, Cisco Networking Academy

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DARSHIT DHRUV

Student

Marwadi Education Foundation's Group of Institutions

Academy Name

India

Location

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VP & General Manager, Cisco Networking Academy

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DEEP SANGANI

Student

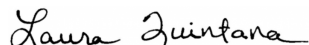**Marwadi Education Foundation's Group of Institutions**

Academy Name

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Location

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DEVANSHI TARAPADA
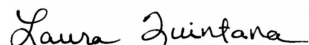
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Devdutt JHA

Student

Marwadi Education Foundation's Group of Institutions

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5 Apr 2020

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DHRUVI DUDANI

Student

Marwadi Education Foundation's Group of Institutions

Academy Name

India

Location

5 Apr 2020

Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy

ORACLE ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARDIK SANDIPBHAI SHRIMANKAR

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

Oracle Academy Instructor

ORACLE ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARDIK SAVJIBHAI CHAUHAN

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

_____

Oracle Academy Instructor

ORACLE® ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARIYALI CHHOTALAL PADSUMBIYA

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

_____
Oracle Academy Instructor

ORACLE ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARSH BHARATBHAI NAROLA

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

_____

Oracle Academy Instructor

ORACLE® ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARSH DINESHBHAI VADALIYA

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

_____

Oracle Academy Instructor

ORACLE® ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARSH MITESHKUMAR SONI

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

_____

Oracle Academy Instructor

ORACLE® ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARSH SANDIPBHAI KHAKHRA

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

Oracle Academy Instructor

AWARD *of* ACHIEVEMENT

PRESENTED TO

HARSHIT PRAFULKUMAR DUDHAT

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

Oracle Academy Instructor

ORACLE ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HASAN MUHSEN MOHAMAD

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

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Oracle Academy Instructor

ORACLE® ACADEMY

Marwadi University

AWARD *of* ACHIEVEMENT

PRESENTED TO

HEMANG HASMUKH MAVANI

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

11/1/2019

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Oracle Academy Instructor