

10 YEARS
OF UNIVERSITY
RECOGNITION
20 YEARS OF
ACADEMIC
EXCELLENCE



REVA
UNIVERSITY

Bengaluru, India



**COLLABORATIVE ACTIVITIES FOR RESEARCH,
FACULTY EXCHANGE, STUDENT EXCHANGE/
INTERNSHIP DURING
2017 - 2018**

Rukmini Knowledge Park,
Kattigenahalli, Yelahanka, Bengaluru - 560 064

www.reva.edu.in

SI.NO	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Page Number
1	Industry Collaboration	The National Association Of Software And Service Companies	Mr. Shekar	3
2	Industry Collaboration	Hexis	Mr. Anoop	22
3	Industry Collaboration	Vedanta Irrigation Systems Pvt Ltd Bangalore	Mr. Rudresh	31
4	Industry Collaboration	Think and Ink Education And Research Foundation, Bangalore, India	Mr. Shankar	37
5	Industry Collaboration	Kigyan School Of Data Science Pvt. Ltd, Bangalore	Ms. Shakuntala	42
6	Industry Collaboration	KPIT Technologies Ltd.	Ms. Ananya	49
7	Academic development: students	ICAR-NIVEDI, Yelahanka, Bengaluru	Pallavi Madihalli S, Shanthi Shradha, Soumya T G, Pavitra Korlahalli	54
8	Academic development: students	CSIR-CiMAP, Allalasanra, Yelahanka, Bengaluru	Greeshma M, Vivek Jain, Roja Philip	60
9	Academic development: students	Clini India, Prestige Shantiniketan,	A Y Sivakumar, Shivani C, G Harshavardhan Reddy, Shruthi Konale, Nirmala K, P. Krishnaveni, Pavithra A, Sanjana Dey, T Lahari	61



**EMPLOYABILITY ENHANCEMENT PROGRAM
FOR STUDENTS**

REVA UNIVERSITY

**Qualification Pack (QP) based
Training Programs and Assessments**

September 2018


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This Memorandum of Understanding (MoU) entered into on the 24th day of the month of September, in the year 2018.

Between

National Association of Software and Service Companies (NASSCOM) having its head office at Plot No. – 7-10, Sector- 126, Noida, Uttar Pradesh – 201303, India (hereinafter called “NASSCOM/First Party”), represented by Vice President NASSCOM / Executive Director IT-ITeS Sector Skills Council NASSCOM, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators of the FIRST PART

And

REVA University, having its head office at at Rukmini Knowledge Park, Kattigenahalli, Yelahanka, Near Border Security Bus Stop, Bengaluru Karnataka 560064 (hereinafter referred to as “REVA”), represented by the Dr. M Dhanamjaya, Registrar, REVA University, which expression shall, where the context so admits be deemed to include its successor in office, legal representatives and permitted assigns of the SECOND PART

Whereas IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM / NASSCOM) an integral part of NASSCOM is the skill standard setting body of the IT-ITeS Industry and is also the education & skill development initiative of NASSCOM; SSC NASSCOM works with its industry members and select academic and skill development institutions to help improve the quality and quantity of the employable workforce available to this industry;

The ‘Project’ here is the “**Qualification Pack (QP) based training programs**” developed with an objective of scaling quality capacity.

NASSCOM / SSC NASSCOM and **REVA** can herein be referred to independently as ‘First Party’, and ‘Second Party’ respectively and collectively referred to as ‘Parties’.


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THE MoU WITNESSED AND THE PARTIES HERETO AGREE AS FOLLOWS:

1. Objective of the MoU

- (a) Increase the employability of students in the **REVA** and colleges under the aegis of the **REVA** by facilitating the development and introduction of the QP-based training programs
- (b) Help facilitate a sustainable Faculty Development Program
- (c) Facilitate teaching-learning support for pursuance of the said course/s to enhance student employability
- (d) Recommend relevant courseware, certain books, e-tools, e-content and websites to support the self-paced learning for students
- (e) Introduce the skill assessment/metric for QP-based assessments for students at the entry level, in conjunction with the programs, to analyse the efficacy of the multiple skill development programs
- (f) Introduce the skill assessment/metric for QP-based assessments for students, to facilitate employment at the entry level
- (g) Facilitate students towards QP certification via these newly introduced course/s during the UG program and appear for the QP assessment at the appropriate NSQF level (National Skills Qualification Framework)
- (h) Establish Centres of Excellence (CoE) for skill development

2. Period of MoU

This MoU shall come into force on 24th September 2018 and will be valid for a period of three years from the said date, and after the expiry of the said time period is open to extension as per mutually agreed terms and conditions.

3. Responsibility of NASSCOM / SSC NASSCOM

NASSCOM/ SSC NASSCOM agrees to:

- (a) Share the list of QPs in IT Services (ITS), Software Products (SPD), Engineering Research & Development (ERD) and Business Process Management (BPM) sub-sectors that are preferred by the industry / are of interest to industry
- (b) Help the **REVA** identify the QPs, for which Elective Courses will be developed and offered for students
- (c) Existing Curricula and courseware can be availed at cost (per QP).
 - i. Curricula OBFs can be availed at cost INR 5000/- + applicable per QP, OBF.
 - ii. Further to utilize the concerned courseware for Faculty/student trainings will attract one-time cost for QP courseware (per courseware) including both Facilitator Guide and Student Handbook (only as soft copy) at the original price of INR 200,000/- (Two Lacs only) plus all the applicable taxes per QP per organization, will be at a discounted price of INR 100,000/- (One Lakh only) plus all the applicable taxes, per QP only for an educational institution or NASSCOM Member. This amount is payable through the SSC NASSCOM payment gateway/DD. A copy (soft copy) of the same shall be made available at that price. The courseware is also available online i.e. the Facilitator


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Guide/Participant Handbook is available as a flip book with an one year license at INR 500/- + applicable taxes per candidate/user.

- iii. IP of the courseware/s and OBF curriculum/la developed shall lie with NASSCOM/ SSC NASSCOM
- iv. Train at cost, select faculty from identified colleges (nominated by **REVA** who would participate in the development of QP-based programs) and from identified Third Party Training Providers, as nominated jointly by **REVA** as one batch [of 25 per QP (Qualification Pack)], as 'Master Faculty/Trainers'

- (d) The modus operandus of Master Faculty training is to be detailed and directed consultatively by **REVA** and NASSCOM/SSC NASSCOM
- (e) Facilitate a consultative approach by helping **REVA** set up a "WORKING GROUP" to identify Third Party Training Providers, if required. This group will also be empowered to take decisions on modalities/logistics for the smooth roll out of the program.
- (f) Provide the necessary guidelines for a skill development cycle and the information w.r.t. infrastructure requirements for the program regarding the QP concerned, as indicated in the Outcomes Based Framework for the same.
- (g) The Outcomes Based Framework for each of the QPs and the Certification for the same will be provided/facilitated by NASSCOM/SSC NASSCOM @INR 5000/- exclusive of taxes (per QP) for the **REVA**. **REVA** may choose to use the curricula of the QP concerned in the OBF format, or go in for the Curriculum Alignment for the same as per their own requirement, at cost (@INR 5000/- exclusive of taxes per QP). Taxes as applicable will paid by the Parties concerned.
- (h) Post the conduct of training, facilitate assessments of candidates/students on QPs at cost (presently at INR 1,000/- per student per test, exclusive of taxes), via identified assessment providers of NASSCOM/SSC NASSCOM. Taxes as applicable will paid by **REVA**
- (i) QP based assessment for faculty w.r.t. TVET QPs (ie Teaching Pedagogy) is presently applicable at INR 1200/- per assessment, exclusive of taxes. All applicable taxes have to be addressed by **REVA**
- (j) Maintain a centralised employment portal which is aimed to facilitate the employability of students that are trained and assessed using QP-based assessments
- (k) Provide an analysis of student performance on the basis of the scores attained. NASSCOM/SSC NASSCOM and **REVA** jointly own the database of trained resources through, which would be shared with all NASSCOM members (including the ones who have provided their concurrence towards recognizing the program). Intent would be to increase the scope of employment opportunities.
- (l) Facilitate the development of courseware guides/hand books for teachers and students respectively for the designed QP curriculum for Phase I QPs identified

4. Responsibility of the REVA

- (a) Select the list of QPs, basis feedback from NASSCOM/SSC NASSCOM for which training programs will be developed and deployed for students
- (b) Avail the courseware at cost for the identified QP from NASSCOM /SSC NASSCOM
- (c) Post availing the content, select colleges for Phase I of this project.
- (d) Select faculty from the identified colleges (**REVA** to screen such faculty based on certain selection parameters prescribed by NASSCOM/SSC NASSCOM), who will be trained on the


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- programs along with the faculty from the Third Party Training Provider, so that they can handhold students during the Phase I
- (e) Identify the requisite number students from the **REVA** / colleges identified to undergo the training program and assessments
 - (f) Facilitate QP-based assessments, at cost, for the target student audience w.r.t. the **REVA**
 - (g) Select Third Party Training Providers, for the programs as per selection criteria and process defined by NASSCOM/ SSC NASSCOM, if required
 - (h) Organise the logistics and facilitate the Industry Trainers program for the programs towards:
 - a. Faculty development
 - b. Student trainingThis will also include boarding & lodging, local travel for Industry Trainers for the programs.
 - (i) Organise the logistics and facilitate the Third Party Training Providers for the programs towards:
 - a. Faculty development
 - b. Student trainingThis will also include boarding and lodging, local travel for such Trainers for the programs.
 - (j) NASSCOM/SSC NASSCOM and **REVA** to jointly own up database of trained resources, which would be shared with all NASSCOM members (including the ones who have provided their concurrence towards recognizing the program). Intent would be to increase the scope of employment opportunities
 - (k) **REVA** to bear the cost of conducting the Master Trainer program, including the cost of Industry Trainers as indicated below in the Clause 'Funding'
 - (l) **REVA** to conduct TTT and the subsequent student training at its own cost
 - (m) For the conduct of QP based assessments **REVA** shall make 100% advance payment of assessment cost to NASSCOM/SSC NASSCOM i.e. the First Party for all the batches for which the First Party shall have given acceptance against requisition and the First Party shall give an acknowledgement of advance payment.
Assessment cost shall be paid on the basis of registered/scheduled number of candidates (this covers those passed, failed and also covers absentees on the day of the assessment as well) subject to a minimum batch-size, which is 30 candidates per batch. The cost for a QP assessment and the subsequent certification is currently is at INR.1000/- (exclusive of taxes). All applicable taxes, under various statutes if any, will be borne by the **REVA**
 - (n) Other requirements for the smooth conduct of QP based assessments are indicated in:
 - Annexure A: Information regarding the necessary infrastructure for the smooth conduct of assessments to be provided by **REVA**
 - Annexure B: QP Assessment Attendance Sheet
 - Annexure C: Candidate ID proof
 - Annexure D: Malpractice Avoidance Sheet

Process:

Part-A:-

- (a) A 'Working Group', to be formed by **REVA**, comprising of members from **REVA**, Academia, and Industry/NASSCOM


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- (b) The Group shall identify the following:
- a. List of QPs for which training will be offered at **REVA**
 - b. Avail curricula and courseware at cost by **REVA** for the identified QPs
 - c. Identify colleges to be taken up for Phase I of the project
 - d. Identify students from the above identified colleges, for this project
 - e. Selection of Third Party Training Providers
 - f. Selection of recommended faculty per college, who shall get trained on pedagogy and content along with the Third Party Training Providers, if required. The college faculty who shall shadow the trainers from Third Party Providers during the student training sessions.
 - g. The terms of Agreement with the Third Party Training Provider, including deliverables
 - h. The logistics and schedules of training of the identified faculty from the Third Party Training Providers by **REVA**
 - i. The Project Implementation Plan for Phase I of the project, including timelines for
 - i. Conduct of the programs for
 1. Faculty from Third Party Providers
 2. Faculty from colleges
 3. Students
 - ii. Conduct of QP-based assessments for students
 - j. Plan for project review and audit including control mechanism
 - k. Process and timelines for scaling the above project

Funding:

REVA will address the cost of curricula, courseware, facilitating Industry Trainers for the Master Training, TTT (Training the Trainer) and Student Training programs concerned; all other related costs w.r.t. assessments for these programs will also be addressed by **REVA**

Process

Part B

- (a) **REVA** shall address the advertisement and other promotional activities for promoting the skill development programs and use all audio visual and online media for the same
The form of advertisement and all promotional material shall be jointly agreed upon and cleared by both the Parties concerned before use
- (b) **REVA** will use NASSCOM /SSC NASSCOM material under this MoU solely for purpose of providing knowledge to the faculty and students with the latest and relevant information, and shall not use the same for any other commercial purposes
- (c) **REVA** shall not use or permit the use of SSC NASSCOM / NASSCOM material for the benefit of any entity other than those under the purview of **REVA**. It is expressly stated that this clause shall survive the termination of the MoU
- (d) **REVA** to provide any other assistance as may be required from time to time to further the promotion or the management of the programs concerned


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Key Features

Action	Training	→	Post-Training Test	→	Employment Facilitation
Tool	QP-based Program		QP-based assessments		Through member companies
Outcome	Participation certificate (with 100% attendance)		Performance as per industry benchmarks for employment		Facilitation of employment for deserving candidates

- Eligibility – Pre-Final year Engineering undergraduates for Phase I of the project
- Master Training: Industry Trainer to Master Trainers ratio- 1:25
- Teacher-Student ratio per batch – 1:30

5. Responsibility of NASSCOM/SSC NASSCOM Test Provider

NASSCOM/SSC NASSCOM Test provider for QP-based assessments shall conduct assessments for the students identified for the pilot project at cost.

REVA will only use SSC NASSCOM's QP based assessments as appropriately to measure the impact of skill transference and help students to be employed reaching out to the IT-BPM Industry.

Process

NASSCOM /SSC NASSCOM Test Provider shall:

- Validate the test center (colleges) w.r.t. the infrastructure requirement for the conduct of the test
- Provide scores post the tests
- Provide Analysis w.r.t. the score for students

6. Placement

NASSCOM /SSC NASSCOM partner companies (i.e. those supporting this project) shall have the first right to offer employment to the candidates at any time during or after completion of the course concerned.


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NASSCOM/ SSC NASSCOM and REVA jointly own database of trained resources through, which would be shared with all NASSCOM members (including the ones who have provided their concurrence towards recognizing the program). Intent would be to increase the scope of employment opportunities

NASSCOM/ SSC NASSCOM will support REVA in a job fair by facilitating the presence of member companies at no extra cost to itself for the placement of students certified for the QPs concerned

8. Trademark

The Parties agree that NASSCOM/ SSC NASSCOM logo, as shared by NASSCOM / SSC NASSCOM, shall be used in all promotion documents only post formal approval of the content by NASSCOM/SSC NASSCOM.

9. Intellectual Proprietary rights in SSC NASSCOM / NASSCOM material


- (a) The proprietary rights in relation to the material provided to **REVA** and its affiliated institutions w.r.t. QPs shall rest with NASSCOM /SSC NASSCOM; **REVA** shall have the right to use the curricula and course material in accordance to the terms of this MoU.
- (b) NASSCOM/ SSC NASSCOM is the owner of all the intellectual proprietary rights with regard to the training material thus developed (teacher and the taught), and neither this MoU nor the training material shall directly or indirectly create for **REVA** or colleges under its aegis any right, title or interest therein
- (c) **REVA** acknowledges and agrees that NASSCOM /SSC NASSCOM owns all rights, title/s and interest in NASSCOM /SSC NASSCOM training material/s, including, without limitation, all intellectual property rights and goodwill therein. **REVA** will not delete or alter in any manner the copyright, trademark and other proprietary rights, notices etc. appearing in the training material provided by NASSCOM/ SSC NASSCOM

10. Indemnity

REVA also hereby agrees to indemnify and hold NASSCOM/SSC NASSCOM harmless from any loss, claim, damage, costs, taxes, duties, additions, penalties, interest thereon or expenses of any kind, including the attorney's fees if any, to which NASSCOM /SSC NASSCOM may be subjected to by virtue of any finding related to the terms of the MoU or by virtue of any contravention and or non-compliance on the part of **REVA** and its affiliated colleges and vice-versa with any laws, ordinance, regulations and codes as may be applicable from time to time.

11. Jurisdiction and Arbitration

In the event of any or difference between the Parties hereto, the courts in Delhi alone shall have exclusive jurisdiction to try any matter arising between the Parties here-to and accordingly both the Parties shall submit to the exclusive jurisdiction of courts in Delhi as mutually decided at that time for this purpose.


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Any other aspects not covered in this MoU relevant to this program, and any difference or dispute between the Parties concerning the interpretation and/or implementation and/or application of any of the provisions of this Agreement shall be settled amicably through mutual consultation or negotiation/s between the Parties, without reference to any third party. Any other aspects not covered in this MoU, relevant to this program, and disputes etc arising about any aspect of the MoU shall be settled through mutual consultation and agreement, by the Parties to this MoU. In case a settlement is not arrived at, all disputes or differences arising between the parties in relation to the interpretation, meaning or effect of this agreement, or to any breach thereof and remain unresolved after the intervention of the representatives of the parties, shall be referred to arbitration under the aegis of the Indian Council of Arbitration at New Delhi (ICA). The Rules of the ICA shall govern the arbitral proceedings between the parties. The arbitration proceedings shall be conducted in English and the venue for the arbitration proceedings shall be New Delhi.

12. Termination

- (a) Either Party shall have the right to terminate the MoU, if the other Party commits a material breach of any of the terms and conditions of the MoU concerned and fails to rectify the same within 30 days of being requested to do so in writing.
- (b) In the eventuality of termination or non-renewal of MoU on expiry of MoU, it would be the responsibility of NASSCOM/SSC NASSCOM to complete its commitment towards the project; REVA to also complete and provide its services to all students admitted as per the regulation of REVA with reference to the project identified in this MOU for the 'QP-based Program/ Course'. In such an eventuality, REVA will continue to use the learning material for students already enrolled for the Programs, subject to the official intimation of the anticipated day of closure.

13. Amendment of the MoU

If during the operation of MoU, circumstances may rise which call for alteration / modification to this MoU, such alteration / modification shall be mutually discussed and agreed upon in writing with the approval of the appropriate authority of REVA and NASSCOM/SSC NASSCOM. Such changes will be formalized in writing as an 'Addendum' to this MoU and will be deemed to be a part of this MoU.

14. Force Majeure

- (a) Notwithstanding anything contained elsewhere in the contract, the parties shall not be liable for liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure
- (b) For purposes of this Clause, "Force Majeure" means an event beyond the control of Parties and not involving Parties and not involving fault or negligence not foreseeable by or beyond the


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control of Parties. Events also include wars or rebellion, strikes, bandhs, fires, floods, epidemics, quarantine restrictions and freight embargoes etc.

- (c) If a Force Majeure situation arises, either Party shall promptly notify the other in writing of such conditions and the cause thereof. Unless otherwise directed by either the **REVA** or **NASSCOM/SSC NASSCOM**, in writing, both Parties shall continue to perform their independent obligations under this MOU as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. **REVA** or **NASSCOM/SSC NASSCOM** can opt out of this MoU on mutually agreeable terms and conditions in writing, as the case may be, prompted by a Force Majeure.

This MOU is prepared as two originals (one for **NASSCOM /SSC NASSCOM** and for the **REVA**) and comes into force on the day when the Parties concerned have signed it.

For REVA University

Signature: 

Name: Dr. M. Dhananjaya
Registrar
REVA University
Bengaluru - 560 064.
Designation: Registrar

Address: Rukmini Knowledge Park,
Yelahanka, Kattigenahalli, Bengaluru, Karnataka

Seal

For NASSCOM

Signature: 

Name: Dr. Sandhya Chintala
Designation: Vice President

Address: Plot 7-10, Sector – 126, Noida
- 201303, Uttar Pradesh, India

Seal

Witness

Signature: 

Name Dr. Shinu Abhi
Designation: Director, Corporate Training

Address: Rukmini Knowledge Park,
Yelahanka, Kattigenahalli, Bengaluru, Karnataka

Witness

Signature:

Name Ishvinder Singh
Designation: National Lead – Training
& Efficacy

Address: Plot 7-10, Sector – 126, Noida
- 201303, Uttar Pradesh, India

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Draft Action Plan for QP-Based Training (Draft)

..... and NASSCOM/SSC NASSCOM

Date: _____ 2018

A Detail Action Plan will be created post the MoU signoff

SINo	Action Point	Schedule	Details-(as discussed and agreed)
1.	MOU Signed		The MOUs will be exchanged on this date to formalize the same
2.	QPs identified		1. Security Analyst (SSC/Q0901) OBF for the above QPs Outcome Based Framework (OBF) Identified QP's to be shared with
3	Curricula and courseware development		Phase 1:- 1st round of Meeting for QP development workshop tentatively on _____
4.	Colleges Identified		_____ colleges
5.	Training Providers Identified, if required		NASSCOM to Identify the trainers 2 trainers per each job role.
6.	Students Identified		
7.	Promotion and Marketing		
8.	Infrastructure and Logistics in place		
9.	Train-The-Trainer program		4 Job roles with 20 faculty per job role 4*25=100 faculty – Training at University campus or Any other location identified by Mock Assessment to be provided by
10.	NAC-Tech Diagnostic		Not required
11.	Student training		
12	QP Assessments		
13.	Placement Facilitation	April 2019	By the end of next academic year

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For REVA University

Signature: _____

Name: Dr. M. DHANAMJAYA

Designation: REGISTRAR, REVA UNIV.

Date: 24th Sep 2018

For NASSCOM:

Signature: _____

Name: _____

Designation: _____

Date: _____


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Candidate Identity Proof: Candidates will be required to carry any one of the following Govt. issued ID proofs:

- i. Driving License
- ii. PAN Card
- iii. Voter ID proof
- iv. Aadhaar Card
- v. Passport
- vi. Printed Ration Card with photograph of the Applicant

Candidate shall not be allowed to take the assessment if s/he is not able to furnish any one of the above mentioned valid ID proof.


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IT - ITes SSC
NASSCOM

**COLLEGE/TRAINING CENTRE / ASSESSMENT
CENTRE
INFRASTRUCTURE CHECKLIST**

Approved by:

IT-ITes SECTOR SKILLS COUNCIL NASSCOM
Plot 7-10, Sector – 126, Noida- 201303, Uttar Pradesh, India


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TRAINING PROVIDER'S NAME: _____

ASSESSMENT PROVIDER'S NAME: _____

DATE OF ASSESSMENT: _____

PROGRAM NAME: _____

QP / Job Role Name: _____

INFRASTRUCTURE DETAILS

** Any additional software/ hardware requirement for assessment will be shared as and when assessments will be rolled out. Addendum to be added to this Agreement with details of the infrastructure requirement

**If any of the below mentioned requirement is not available at Training Partner's centre, then assessment will need to be conducted at one of AMAPL's assessments centres.

A. TECHNICAL SPECIFICATIONS			
	Description		Available (Yes / No)
Software			
	Server	Client	
System Operating System	Windows XP SP3+, Windows 7, Windows 8	Windows XP SP3+, Windows 7, Windows 8	
Java Scripts	Enabled, Cookies enabled	Enabled, Cookies enabled	
Antivirus	Disabled on server, Firewall to be disabled as well	Firewall to be disabled	
Web browser	Firefox, Chrome, IE7+ in order of preference	Firefox, Chrome, IE7+ in order of preference	
Screen resolution	1024 x 768	1024 x 768	

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	Description		Available (Yes / No)
Hardware			
System CPU	P4	P4	
System RAM	1 GB free memory	512 MB free memory	
System HDD	10 GB	5 GB	
CD-ROM Drive	Not needed	Not needed	
USB Ports	Yes	No	
Sound Card (with necessary audio and video drivers)	Not needed	Not needed	
Headset with Microphone (for voice tests). What are the headphone & microphone features?	Not needed	Not needed	
Printer	Not needed	Not needed	
Power Backup			
UPS (assuming that generator will be used during power failure)	Yes	Yes	
Generator (giving back up for at least 2 hours or more if needed)	Yes	Yes	
Connectivity			
Broadband Internet connection	Internet – 512 KBPS LAN – 100 Mbps	No Internet LAN – 100Mbps	
Installation and Troubleshooting			
Installation Process (if any)	Aspiring Minds Project coordinator will set up a client server system. All systems should be connected via lan network.		
Troubleshooting Help Available	Is there troubleshooting help available?		


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B. LOGISTICS SPECIFICATIONS			
	Description	Recommended	Availability (Yes / No)
1	Exigency plan in case of complete power failure	- Laptops / tablets be given to test takers - Laptops / tablets comply with hardware & software configuration defined in this document	
2	Student-proctor ratio	1:10	
3	Technical support staff per centre	2	
4	Seating arrangement at the test centre	Individual / cubicle seating	
5	Room size where test will happen	10ft x 15ft (min.)	
6	Rooms well lit and ventilated	Yes	
7	Tables & chairs / workstations ergonomically suitable	Yes	

Training Centre / Assessment Centre Validation Outcome:

- Does the test centre meet all the above mentioned requirements? Yes/No
- If No, then what are the points of concern?
 - _____
 - _____
 - _____
 - _____
 - _____
- Follow up required: Yes / No
- If follow up required, what date is it scheduled for? _____

Verified by: _____

Date: _____


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Malpractice Avoidance Declaration

Any candidate/ Institute/College indulging in any sort of malpractice or unfair means or use of force to influence the assessment prior, during or after the assessment shall be barred from assessment and blacklisted. Every Training Partner shall sign a declaration confirming that he shall not indulge in any unfair practice. The declaration is to be signed prior to the assessment & shared with SSC NASSCOM's Assessment Provider's invigilator/ assessor/ proctor. Sample declaration is provided below:

To Whomsoever It May Concern

I, Dr. M. Dhanamjaya, Centre Manager of REVA University (Centre Code & TP), am conducting training for IT-ITeS sector under the QP Based Programs Project. I assure the Assessment Body (AB) our full cooperation to conduct assessments at our centres in a free & fair manner.

I hereby agree to the following:

1. I (or my team) will provide required infrastructure & full cooperation to conduct assessment to the Assessment Provider /Agency (AP)
2. I (or my team) will provide our full cooperation to the Assessment Provider in conducting the assessment
3. I (or my team) will not enter the assessment room and interfere in the assessment process of AP
4. I (or my team) will not indulge in any unfair practice or cheating before, during or after the assessment
5. I (or my team) will not threaten or coerce the Invigilator/Proctor/ Assessor (or Technical Executive) from AP to help the trainees during the assessment or let the faculty help the students
6. I (or my team) will not influence the assessor by offering him any gifts or cash in return of favours before, during, or after the assessment
7. I (or my team) will not indulge in activity or means to leak or sabotage the assessment questions before, during or after the examination

I (and my team) hereby agree that for lack of compliance to any point mentioned above, we are liable to be reported to SSC NASSCOM by the Assessment Provider. We agree & are aware that the SSC can take a stringent action against the Training Partner and/or the center including but not limited to batch cancellation, black listing of center or training partner for our failure to comply with the points mentioned above.

If there are any issues or favours that Invigilator/Proctor/ Assessor seeks, same shall be immediately reported to:

IT-ITeS Sector Skills Council NASSCOM (SCC NASSCOM):

Mr Ishvinder Singh
Phone: +91-9911264795
Email: ishvinder@nasscom.in

Name of the Training Provider Owner/ Centre Manager: Dr. M. Dhanamjaya
Centre Address & ID: REVA University, Rukmini Knowledge Park, Yelahanka, Kattigenahalli, Bengaluru, Karnataka

Stamp & Signature


Registrar
REVA University
Bengaluru - 560 064.



Date: September 24, 2018


Registrar
REVA University
Bengaluru - 560 064

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made on 25th May, 2017

Between

REVA University, having its registered Office at **Rukmini Knowledge Park, Kattigenahalli, Yelahanka, Bengaluru, Karnataka 560064**, holding PAN No. AABTR 1107Q (hereinafter referred to as the "First Party" which expression, where the context so admits, be deemed to include its successors and assigns) of the First Party.

And


Hexis Hiring Pvt. Ltd., having its registered office at **Ground floor, B Block, NR Enclave, Bengaluru - 53**, holding the PAN No. AAECH1106K (hereinafter referred to as "Second Party" which expression, where the context so admits, be deemed to include its successors and assigns) on the Second Party.

Whereas, the First Party is a well-established University in Bengaluru and is engaged in providing Graduate, Post Graduate, Doctoral degree programs and other education programs / courses approved by the University Grant Commission. It produces Graduates, Post Graduates and Doctorates every year, who, after completion of their respective programs, serve in different sectors of the society, such as industries, Corporates, academic institutions, Government Departments, Business Organizations, R&D Institutions etc.

AND WHEREAS, the Second Party offers a unique placement platform, which, through its medium provides training to candidates, making them capable of securing employment with large multinational companies in India.

Both the parties are desirous of collaborating to impart training to undergraduate and post graduate students under the aegis of the First Party, with the intention to offer them for employment to various real estate and facility management companies as fresh trainees in the Facility Management Service sector.

1



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AND WHEREAS the Parties hereto are desirous of recording the terms and conditions of their agreement in writing.

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS UNDER:

Both the parties agreed to collaborate and offer a Foundation Course in Facility Management to facilitate candidates better employment opportunities in Real Estate and Facility Management Service sector and the parties agree to share the responsibility together.

Foundation Course in Facility Management

Foundation Course in Facility Management is designed to meet the huge requirement of infrastructure industry with expertise in supervising and managing the staff of the maintenance of buildings, complexes and such other infrastructure. The course provides all the necessary knowledge and skill required for supervision and maintenance of infrastructure facility including large Corporates.

Eligibility for Admissions to the Course

This certificate course is meant for the under graduates and post graduates with Pass percentage of marks. However, the course shall also be extended to ongoing students studying under graduate and post graduate programs, as a certificate course.

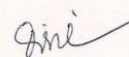
Duration of the Program

The duration of Foundation Course in Facility Management is for a period of 4 months.

OBLIGATIONS OF REVA UNIVERSITY

REVA University shall:

1. Set the Regulations / Guidelines for introduction of the course
2. Constitute an Expert Committee comprising of experts from industries and academia specialized in the area of facility management and convene timely meetings to ensure the program quality. The committee shall design course curriculum, contents, delivery, and recommend on fee structure and other requirements of the course.



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3. Scrutinize and approve the list of candidates admitted for the course in accordance with the prescribed qualifications.
4. Provide academic support in delivering the course.
5. Monitor the conduct of the program and students' performance to maintain the quality of imparting the course.
6. Arrange for conduct of examinations, evaluation and declare the results.
7. Issue the certificate to the candidates who have the satisfactory performance in the assessment and examination.
8. Take necessary steps to update the curriculum and syllabus to meet the marketing requirement from time to time.

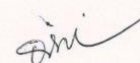
OBLIGATIONS OF HEXIS HIRING PVT. LTD, BENGALURU

Hexis Hiring Pvt. Ltd, Bengaluru shall:

1. Support University in developing career enhancing program(s) and contents in facility management in consultation with academicians, industry experts and recruiters.
2. Provide the necessary administration controls to the learning management portal to monitor the program regularly.
3. Create course delivery modules based on the curriculum and content designed by the Expert Committee.
4. Promote the programs through various channels and platforms and ensure the number of enrollments.
5. Enroll the students to the course as per the prescribed qualifications and submit the list of candidates admitted to the course and obtain approval from the University.
6. Create infrastructure to impart the program and maintain the quality of high order.
7. Arrange for delivering the course by adopting hybrid mode of teaching and learning and making them employment ready.
8. Empanel a set of trainers and evaluators and monitor their performance.
9. Monitor the progress of candidates in learning and supporting with their queries and other requirements
10. Extend support to the University in conduct of examinations and evaluation of the student's performance as per the set regulations / guidelines.
11. Arrange for the placement of candidates who have successfully completed the course.

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12. Constantly strive to improve the overall process and outcome of learning to better employment opportunities.

COMMERCIALS:

1. The first party shall collect the fee as agreed by both the parties from time to time.
2. The second party shall pay the first party the following costs:
 - a. 20% of the fees collected from the students for each course soon after the enrolment of the students for a given batch is completed.
 - b. One-time fee of Rs. 3.00 lakhs towards affiliation cost, processing cost and program monitoring cost.

The above obligations / terms and conditions including commercials shall be reviewed periodically from time to time.

GENERAL:

This program is intended to work together in collaboration and train candidates and facilitate them placements in Real Estate and Facility Management Sector. Further, both the parties agree that this course is exclusively offered by REVA University only and the second party will not enter into MoU with any other Institutions / University to offer this course. However, it is not intended to create a relationship such as a partnership, franchise, joint venture, or agency.

Neither Party herein shall act in a manner that expresses or implies a relationship other than that of independent Parties nor bind the other parties.

This MoU contains the entire understanding between the Parties relating to the subject matter hereof and same as may be expressly referred to or referenced herein, supersedes all prior representations, writings, negotiations or understandings with respect hereto.

Any amendments, alterations or modifications to this MoU shall be mutually agreed between the Parties in writing only.

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TERMINATION OF THE CONTRACT:

This MoU will take effect from the date of its signing. It shall be valid for a period of 12 months from date of signing and it may be renewed further period upon mutual consent of both the parties in writing.

Either party may terminate the MoU after giving written notice to the other party 90 days in advance. Once terminated, neither REVA University nor Hexis Hiring Pvt. Ltd will be responsible for any losses, financial or otherwise, which the other party may suffer. However, REVA University and Hexis Hiring Pvt. Ltd shall be responsible for conduct of academic and examination related activities of the students already admitted to the course until they complete their course successfully.

IN WITNESS WHEREOF ALL THE PARTIES HAVE PUT THEIR SIGNATURES ON THE DAY HEREIN ABOVE WRITTEN

For REVA University

SIGNED BY: 

Name: Dr. M Dhanamjaya

Designation: Registrar

Witness:

Signature: 

Name: Dr. N Ramesh

Designation: Dean, Training, Placement & Planning

City / State: BENGALURU

Date: 25/05/2017



For Hexis Hiring Private Limited

SIGNED BY: 

Name : Pawan Koyal

Designation: Founder & CEO

Witness:

Signature: 

Name : Rajesh M Krishnan

Designation:

City / State: BENGALURU

Date: 25/05/2017



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REVA University
Bengaluru - 560 064



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered on 5th March 2018.

BETWEEN

Entrepreneurship Development Institute of India, having their registered office at P.O. Bhat 382428 Dist. Gandhinagar Gujarat, represented by its Director, hereinafter referred as **EDII or the first party** shall include all their representatives,

AND

REVA University Bangalore, Karnataka, India having their campus at Rukmini Knowledge Park, Yelahanka, Bengaluru, Karnataka, India, represented by its Chancellor hereinafter referred to as **REVA University or Second Party** and shall include all their representatives.

WHEREAS Entrepreneurship Development Institute of India (EDII), an autonomous body and not-for-profit institution, set up in 1983, is sponsored by apex financial institutions, namely the IDBI Bank Limited, the IFCI Limited, the ICICI Limited and State Bank of India (SBI), with support from the Government of Gujarat. The Institute is registered under the Societies Registration Act 1860 and the Public Trust Act 1950. The Government of Gujarat pledged twenty-three acres of land on which stands the majestic and sprawling EDII campus, having expressed interest, as Knowledge Partner, in association with REVA University in setting up School of Entrepreneurship and Family Enterprise (SEFE). Both the parties agree upon the scope, terms and conditions of their association as described hereunder:

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1. EDII agrees to support REVA University, as Knowledge Partner, in designing and conducting certification programs, diploma programs in Entrepreneurship Development.
2. As Knowledge Partner, the responsibilities of EDII include extending subject related professional advice and support to REVA University with no administrative, financial or statutory obligations which will be part of responsibilities of REVA University.
3. EDII agrees to support in conducting BBA (Entrepreneurship) and MBA (Entrepreneurship) programs with twinning option under which students will attend one semester at EDII Campus during the period of study. The degrees will be awarded as per the norms and standards of the University and in accordance with the regulatory provisions of UGC.
4. EDII agrees to conduct Faculty Development Programmes to train faculty members of REVA University to conduct various programs jointly organized by EDII-REVA University.
5. EDII agrees to support REVA University in organizing Entrepreneurship Development Programmes, Entrepreneurship Awareness Camps, National and International Seminars/Conferences.
6. EDII agrees to support REVA University in running Doctoral Program in Entrepreneurship Development area while Ph.D. degrees would be awarded by REVA University in accordance with the norms and standards of the University and as specified by UGC.
7. REVA University would be required to provide necessary classroom facility and other physical infrastructure to conduct various programs.
8. REVA University agrees to provide infrastructural facilities to EDII on a regular basis and review the same time-to-time to ensure smooth implementation of all the above mentioned programmes.
9. REVA University will provide a Full Time Director with necessary qualifications and with a proven track record of experience in entrepreneurship development.
10. REVA University will promote the programs offered by the SEFE and will acknowledge the partnership with EDII prominently in all the promotional literature and material.
11. All the programs will be conducted after due approvals by REVA University Board of Studies and Academic Council.

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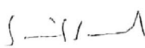
12. The syllabus structure, content, delivery and examination and evaluation for Programs and Courses will be as per the approved norms and standards from REVA University.
13. EDII will review and upgrade the curriculum from time to time, to meet the business / corporate/ industry needs in consultation with REVA University.

All policy matters including financial aspects like fee fixation, remuneration to EDII visiting faculty and fee sharing will be decided by a Joint Management Board represented by Director, EDII and his nominees and Vice Chancellor, Registrar and Director of the School.

The duration of the **MOU** is for a period of **2 years** effective from the date of signing the MOU and will be renewed after periodic reviews on a mutually agreeable basis.

- Neither party shall be held responsible for non-fulfilment of their respective obligations under this agreement due to exigency of one or more of the force majeure events such as acts like floods, earthquake, strike, lockouts, epidemics, riots, wars and commotions etc., provided on the occurrence and cessation or cessation of such events, the party within one month of such occurrence or cessation.
- If the force majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

This agreement could be terminated by both the parties with a three months' notice but both parties to ensure that the on- going programmes shall be completed without any inconvenience to the University students.


EDII
REPRESENTED BY
DIRECTOR


REVA UNIVERSITY
REPRESENTED BY
CHANCELLOR

Date: 5th March 2018



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MOU BETWEEN



REVA
UNIVERSITY
Bengaluru, India



Vedanta™

More Performance. More Durability

AS ON 15th SEP 2017

REVA UNIVERSITY

BENGALURU

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Bengaluru - 560 064



More Performance. More Durability

Vedanta Irrigation Systems Pvt. Ltd.

Ashmith Arcade, # 162, 3rd Phase, 10th Main,
Laggere Main Road, Next to SBI Bank,
Peenya Industrial Area, Bengaluru - 560 058.
E: vedantairrigations@gmail.com | info@vedantairrigation.com
Phone : 080-28374999

MEMORANDUM OF UNDERSTANDING (MOU)

This MOU is executed on 15th of September 2017 at Bengaluru

BETWEEN:

1. **Vedanta Irrigation Systems Pvt Ltd**, having its office at # 111, 3rd Phase, 7th Main, Peenya Industrial Area, Bengaluru-560058, represented by its **Managing Director Mr.U D Naik**, Here in referred to as **Vedanta Irrigation Systems Pvt Ltd / First Party**, Which expression Will Mean and include its successors in interest, representatives)

2. **REVA University**, an autonomous University constituted under the Government of Karnataka Act 80 of the year 2012, having its office at Rukmini Knowledge park, Kattigenahalli, Yelahanka, Bengaluru-560064, represented by its **Chancellor, Dr. P. Shayama Raju** (Here in referred to as **REVA /Second Party**, Which expression shall mean and include its successors in interest representatives)

Mission

Vedanta Irrigation Systems Pvt Ltd, Committed Manufacturer of High Quality Drip Irrigation Systems/Equipments as per Bureau of Indian Standards at affordable price to Indian farmer, and Approved by Government of Karnataka, Tamilnadu and Maharashtra.

REVA University is committed to provide continuous support and resources to develop a startup ecosystem (Incubation, Skill Development, Hackathon & Event, etc) within the campus located at Rukmini Knowledge Park, Bangalore. Together, the parties enter into this Memorandum of Understanding to mutually promote Innovation development within the campus and outside the campus.

Purpose & Scope

By establishing a collaborative partnership, **Vedanta Irrigation Systems Pvt Ltd**, and **REVA** will be able to better address the needs of the Technical Training to students to pursue the Academic journey within & outside the campus, map innovations, interface with the industry needs and market research.

The Collaborative partnership will work on the following areas:

- 1) Technical Training.
- 2) Skill Development.

All significant decisions regarding the collaboration will require consent by all collaborative partners. Significant decisions will include decisions regarding eligibility for services provided through collaboration.

Each party will nominate a person to serve as the official contact and coordinate the activities of each organization in carrying out this MOU. The initial appointees of each organization are:

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Vedanta Drip

Branches @ Maharashtra & Tamil Nadu

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REVA University
Bengaluru - 560 064



Vedanta Irrigation systems Pvt. Ltd: Mr.Hanmantrao, Director

REVA University: Dr.Y.Ramalinga Reddy, Director, School of Civil Engineering.

Each member of the leadership Committee will be authorized to represent their organization in joint collaborative decision-making. Each organization will be responsible for ensuring that the person granted authority to represent their organization is kept informed regarding the operation of the collaboration and the identification of issues for joint discussion. Each participating organization will make all parties to the collaboration aware of any limits in the authority of their representative to bind their organization to collaborative decisions and will establish a clear process for their representative to use to become fully capable of committing the organization. Both the participating organization will have signing authority for issuing of Technical training and skill development completion certification to the Student.

Resource Commitment

Each participating organization has agreed to commit resources to the collaboration. All participating organizations will contribute:

Vedanta Irrigation Systems Pvt Ltd & Reva University will be responsible for Training and Technical Support Mutually

REVA UNIVERSITY will provide with necessary infrastructure and resources required Facility, global Excellence programs, etc. REVA will increase the number of academic programs as per requirement to support, Innovation, Research.

FUTURE DOCUMENTS:

All the parties will try to achieve the objectives of this MOU. The necessary documents in this regard to be signed, agreements and the like are executed in due course after mutual negotiations between the parties before commencement of work by the parties.

IN WITNESS WHEREOF, this MOU is executed on the date and place first herein above mentioned

For Vedanta Irrigation Systems Pvt Ltd

Name: Mr.U D Naik

1.

Name of Witness: Raghu B A

For REVA University

Name: Dr.M.Dhananjaya

2.

Name of Witness: Ravindra

Registrar

3

Registrar

REVA University
Bengaluru - 560 064



D/C

**Memorandum of Understanding
Between
REVA University, Bangalore**

**And
Think & Ink Education and Research Foundation, Bangalore, India**

This Memorandum of Understanding (MOU) is designed to foster academic and research cooperation and collaborations between, **REVA University (REVA) Bangalore** here in after called the party of **First Part**. REVA University established as per the REVA University act, 2012 as a private University enacted and notified by the Government of Karnataka vide Notification No: 80 SAMVYASHAE SHASANA 2012 Bangalore dated 07.02.2013 in the Karnataka State Gazette part-IV-A No.153 dated February 07, 2013. The University established and managed by the Rukmini Educational Charitable Trust and supported by DivyaSree Group of Companies imparts education and offers programs and courses leading to Graduate, Post Graduate, M.Phil, PhD degrees. The University always strives to maintain quality and high standards of education and promotes Research and Innovation.

The **Think& Ink Education and Research Foundation, (Think & Ink) Bangalore, India** having their Office at #180, 8th Main, CQAL Layout, C Block, Sahakar Nagar, Bangalore – 560092 herein after called as the representative of Think & Ink Education and Research Foundation, the Party of **Second Part** through mutual cooperation in the areas of education, research, innovation and trainings and initiatives that benefit the institutions, management, students with socio-economic development of society.

ARTICLE 1: SCOPE OF COLLABORATION

1.1 General Scope. Each institution may offer to the other opportunities for activities and programs for academic and research partnerships such as teaching, research & innovations and trainings for students, staff and faculty development that will foster a collaborative academic and research relationships that support value added services for the institutions.

Rukmini

Think & Ink

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REVA UNIVERSITY
Rukmini Knowledge Park, Yelahanka
Post, Bengaluru-560064

☎ +91-80-6622 6002
☎ +91-80-2647 8539
www.reva.edu.in

REGD OFFICE
DivyaSree Chambers, 'A' Wing
#11, O'Shaughnessy Road
Bengaluru - 560025

☎ +91-80-2221 3344
☎ +91-80-2222 8840

R. Srinivas

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Bengaluru - 560 064



1.2 Specific Activities. The scope or objectives of any specific activities or programs mentioned in this agreement shall be dependent on the priorities and shall be subject to specific agreements by which these activities may be accomplished. The institutions contemplate implementation of programs or activities such as:

- Joint educational, cultural, and research activities/programs/seminars/workshops for students (UG/PG/PhD)
- Set and Run Centre of Excellence (COE) in specific domains with industry linkages and fund mobilization.
- REVA University, Bangalore shall collaborate with Think & Ink Education and Research Foundation for industry partners such IBM, Intel and related industries. A separate document shall be documented with specific objectives and mutual benefits (Annexure A).
- Link institutions with national and international research laboratories and universities.
- Mutual sharing of infrastructure and facilities or research cooperation.
- Participation in seminars and academic meetings, host conferences, conduct technical workshops, etc.
- Provide professional services for publications (papers, books, magazines, etc.)
- Cooperate for IP management and patents, Innovations, product engineering and others.
- Start and manage Innovation Centres with specific deliverable goals (Academic/Innovation/Research etc.) that benefit all the stake holders.
- Exchange of academic materials, publications, and research expertise.
- Conduct Special short-term/long-term academic/technical programs as per the requirements of the industry so that the placements can be improved.

2

REVA UNIVERSITY
Rukmini Knowledge Park, Yelahanka
Post, Bengaluru - 560064

☎ +91-80 6622 6622
☎ +91-80 2647 8539
www.reva.edu.in

REGD OFFICE
DivyaSree Chambers, 1st Wind
#11 O'Shaughnessy Road
Bengaluru - 560025

+91-80-2221 3344
+91-80-2222 8540

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REVA University
Bengaluru - 560 064



- Work and participate with state, national and international government funded programs and contribute to the government initiatives with societal benefits.
- Assist and help in Brand management.

1.3 **Separate Agreements.** Each institution will designate an individual to coordinate these programs and all endeavours that may derive from it. These agreements are project/program specific and may need for the separate agreements with specific roles and responsibilities of all stake holders. Prior to initiating any specific activity or program, the both the institutions will negotiate and enter into a separate agreement, signed by the appropriate authorities at each institution.

ARTICLE 2: RENEWAL, TERMINATION, AND AMENDMENT

2.1 **Duration:** This MOU shall remain in effect for a period of THREE years from the date of the last signature on the MOU document.

2.2 **Extension and Renewal:** The institutions may extend or renew this MOU by agreement, confirmed in a written amendment signed by the authorized signatory at each institution for a academic or financial year.

2.3 **Amendment:** No amendment of the terms of this MOU will be effective unless made in writing and signed by each institution's authorized signatory. We can amend any changes or new requirements with mutual understanding and agreements.

2.4. **Termination:** The MOU can be terminated unless either institution provides the other written notice of its intention to discontinue no less than 30 days in advance of the then current MOU signature date.

ARTICLE 3: GENERAL MATTERS

3.1 **Binding Obligations:** With the exceptions of Articles [2, 3, ..], this MOU is not intended to create any legally binding obligations but, rather, is intended to foster genuine and mutually beneficial academic, research and development, trainings and collaborations.

REVA UNIVERSITY
Hubtown Knowledge Park, Yelahanka
Post, Bengaluru-560064

+91 80 6622 6022
+91 80 2847 0539
www.reva.edu.in

REGD OFFICE
DivyaSree Chambers 'A' Wing
#11, Ch'Raughnessy Road
Bengaluru - 560025

TEL: +91 80 6622 6022
FAX: +91 80 2847 0539

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REVA
UNIVERSITY

3.2 Obligations: No financial obligations are assumed under this agreement. However, if there is need for financial investments (e.g., seed money) or infrastructure investments, it is agreed upon with written consent and financial approvals, commitments of the both the parties.

3.3 Authorized Signatories: Each institution represents that the individuals signing this MOU have the authority to sign on its behalf in the capacity indicated.

3.4 Financials: The MOU financials and professional charges are on need bases or case-by-case basis with separate documents after mutual understandings and terms and conditions.

3.5 The business model: The money can be generated in terms of consultancy, innovations, products, IP assets and training programs for staff, UG/PG students as enclosed and separate agreements is necessary after negotiations. There will revenue sharing model as per understanding and agreements, terms and conditions.

3.6 Business Promotions and PR management: Authorized to conduct business promotions in the college and support in PR management such as Internet, Print and Visual Media.

ON BEHALF OF:
Think & Ink Education and Research
Foundation
Prof. B. A. Patil
Director
Date: 22.01.2018



ON BEHALF OF:
REVA University
Dr.M.Dhanamjaya
Registrar

Registrar
Date: 22.01.2018
REVA UNIVERSITY
Bengaluru - 560 064.

Registrar



Memorandum of Understanding (MOU)

Between

REVA University,
Bengaluru

And

Kigyan School of Data Science Pvt. Ltd,
Bengaluru

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REVA University
Bengaluru - 560 064



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Intellectual Property Rights	5
Signed in Duplicate	5

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REVA University
Bengaluru - 560 064



Scope

This MOU is entered on the 23rd July 2018 between

Kigyan School of Data Science Pvt Ltd.

(Hereinafter referred to as Kigyan) a reputed Services Company Located at Jayanagar 9th Block, Bangalore, India.

And

REVA University

(Hereinafter referred to as Institution), a reputed College located in Bangalore.

The aforesaid organizations will be individually referred to as Party and jointly as parties.

Objectives of the MOU

The objectives of the MOU are

- a) To support the institute in following activities
 - i) To help the students to achieve their aspiration
 - ii) To make the students aware of the latest technologies in the market
 - iii) Internship of the students
 - iv) Execution of Projects by the students
 - v) Skill development of the students in the latest Technologies
 - vi) Placement Assistance
- b) Collaborate with College on the Research Projects
- c) Training of Faculty in the latest Technologies

Technical Areas of Collaboration

- a) Provide academic interaction by delivering special lectures at Institution on topics of relevance to Modern Industry
- b) Organizing workshops and seminars to students and faculty to make them aware of the latest trends in Technologies
- c) Conducting Internships for the students and evaluation
- d) Execution of projects by the students
- e) Collaborating with the college for the research projects
- f) Training the faculty in the latest technologies

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Bengaluru - 560 064



Proposed Modes of Collaboration

Kigyan and Institution propose to collaborate through the following:

- a) Conducting workshops on agreed topics
- b) Internship for the students on the latest emerging technologies for a period of 4 to 6 weeks as per industry practices
- c) Execution of the projects by the students under Virtual Corporate Program for a period from 4-6 months depending on the complexities of the project
- d) Training of the Faculty on agreed topics under Faculty Development Program(FDP)
- e) Any other appropriate mode of interaction agreed between Kigyan and Institution

A specific plan will be developed by both parties depending upon availability of resources.

Terms and Conditions

- a) The workshop, internship, VCP & FDP will be held at Institution and all basic infrastructures relating to the same as class rooms, audio video display systems with mikes, tables and chairs will be provided by Institution.
- b) All software & tools relating to the Technologies for the above will be provided by Kigyan.
- c) For the workshops, Internships, Virtual corporate program and Faculty Development Program a nominal fee will be charged to the students or college based on the number of students.
- d) The hardware and software for the projects under VCP will be provided by Kigyan but if the projects are to be submitted as final year projects by the students, the cost of the hardware and software will be borne by the students.
- e) This MOU may be amended, renewed, terminated by mutual written agreement of both the parties anytime.
- f) Either Party shall have the right to terminate this MOU upon sixty days prior notice to the other party.
- g) Kigyan will help in preparing the Students for recruitment by Private Companies provided they successfully clear the certification after the completion of the projects under VCP but in no case it takes guarantee of the same.
- h) Kigyan will also recruit the students provided they successfully clear the certification after the completion of the projects under VCP as per requirement.
- i) All payments to be made for different programs will be collected by the college designated representative and then paid to Kigyan.

4



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Bengaluru - 560 064



Confidentiality

- a) Institution and Kigyan agree to hold in confidence all information / data designated by the institutes as confidential which is obtained from either institute or created during the performance of the MOU and will not disclose the same to any third party without written consent of the other institute
- b) The above confidential clause under this MOU excludes the information/data possessed by either institute before entering into this MOU or independently developed and / or information already available through public domain

Duration of MOU

This MOU, unless extended by mutual written consent of the institutes, shall expire in Two (2) years after the effective date specified in the opening paragraph, however, on review, the MOU shall be extended for another Two (2) years by mutual consent.

Coordinators

Both Institutes will designate persons who will have responsibility for co-ordination and implementation of the agreement.


Intellectual Property Rights

The Intellectual Property Rights (IPR) that arise as a result of joint collaboration activity under the agreement will be worked out on a case to case basis and will be consistent with officially laid down IPR policies of the two institutes.

Signed in Duplicate

This MOU is executed in duplicate with each copy being an official version and having an equal validity. By signing below, the institutes, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

Signed on Behalf of
Kigyan School of Data Science Pvt Ltd.


Shailaja N.
(Founder Director)



Signed on behalf of
REVA University


Registrar
School of Computing & IT
REVA University
Jukmini Knowledge Park, Kattigenahalli
Yelahanka, Bengaluru - 560 064

5


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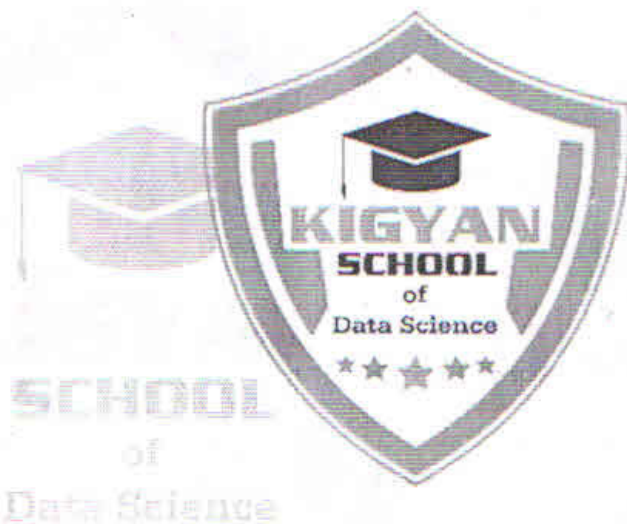
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Kigyan

School of Data Science Pvt. Ltd.

**Building
Next
Generation
Analytics
Resources**



**In Campus
Short-term Data Science Programs
With 1-month Internship
&
In-semester Technology Trainings**

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Big Data Hadoop Development	
Course Contents	<p>Introduction to Big Data Analytic Introduction to Hadoop Installing and Configure Hadoop Working with Mango DB Understanding Map Reduce Frame Work HDFS & YARN Advanced HDFS & Map Reduce Working with HIVE Working with PIG Working with HBase Zookeeper, Sqoop & Flume Apache Hadoop Ecosystem Components Introducing Oozie, Mahout Processing Distributed Data & Spark Hadoop Administration, Trouble Shooting & Security</p>
Course Duration	<p>One hundred and fifty hours Program Comprising 50 Hours of Class room Training 100 Hours of hands on internship</p>
Internship Details	<p>Candidate will be working on Kigyan's techno Solutions Remark Platform Major role during internship Candidates will be working on an AI Block named customer Sentiment analysis for Retailers Data accumulation and processing Data Model creation Statistical modelling Building models with Hive and Pig</p>
Program Charges	<p>Total Program Fee: INR 10,000.00 + GST Total Program Fee Rupees Ten Thousand Plus GST per candidate If the student count is more than 20 a bulk pricing will be shared with colleges</p>
Key Highlights	<ul style="list-style-type: none"> ✓ 100% Industry Ready Comprehensive Program ✓ Understanding Industry process ✓ Training on Estimation techniques ✓ Training on Agile Scrum ✓ Working with distributed teams ✓ Internship Certificate ✓ Course Completion Certificate. ✓ Course Examination

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Data Science with R	
Course Contents	Introduction to Big Data Analytics Introduction to Business Analytics Introduction & Overview of R- Studio Programming in R Data Visualization in R Introduction to Retail Master Data & Business Process Implementing Statistics in R Hypothesis Testing Regression & Classification Analysis Clustering Association Text Analytics in R
Course Duration	One hundred and fifty hours Program Comprising 50 Hours of Class room Training 100 Hours of hands on internship
Internship Details	Candidate will be working on Kigyan's techno Solutions Remark Platform Major role during internship Candidates will be working on an AI Block named Assortment forecaster for Retailers Data accumulation and processing Data Model creation Statistical modelling Building Algorithms using R
Program Charges	Total Program Fee: INR 10,000.00 + GST Total Program Fee Rupees Ten Thousand Plus GST per candidate If the student count is more than 20 a bulk pricing will be shared with colleges
Key Highlights	<ul style="list-style-type: none">✓ 100% Industry Ready Comprehensive Program✓ Understanding Industry process✓ Training on Estimation techniques✓ Training on Agile Scrum✓ Working with distributed teams✓ Internship Certificate✓ Course Completion Certificate.✓ Course Examination

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Data Science with Python	
Course Contents	<p>Introduction to Big Data Analytic Introduction to Business Analytics Introduction to Python Programming in Python Introduction to Retail Master Data & Business Process Mathematical Computing with NumPy Scientific Computation with SciPy Data Manipulation with Pandas Introduction to Machine Learning Applied Statistics Hypothesis Testing Linear Regression Supervised & Unsupervised Learning Decision Trees Natural Language Processing in Business Neural Networks and Deep Learning Directed and Undirected Graphical Models Reinforcement Learning Machine Learning & NLP with Sciket Learn</p>
Course Duration	<p>One hundred and fifty hours Program Comprising 50 Hours of Class room Training 100 Hours of hands on internship</p>
Internship Details	<p>Candidate will be working on Kigyan's techno Solutions Remark Platform Major role during internship Candidates will be working on an AI Block named Campaign Planner for Retailers Data accumulation and processing Data Model creation Statistical modelling Building Algorithms using Python</p>
Program Charges	<p>Total Program Fee: INR 10,000.00 + GST Total Program Fee Rupees Ten Thousand Plus GST per candidate If the student count is more than 20 a bulk pricing will be shared with colleges</p>
Key Highlights	<ul style="list-style-type: none"> ✓ 100% Industry Ready Comprehensive Program ✓ Understanding Industry process ✓ Training on Estimation techniques ✓ Training on Agile Scrum ✓ Working with distributed teams ✓ Internship Certificate ✓ Course Completion Certificate. ✓ Course Examination

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Execution Model	
What Kigyan Will Provide	<p>For Technical Training Qualified Trainer Training Contents and Materials</p> <p>For Internship Project Synopsis Project Sample data and Product Backlog Required Software's and API sets. Distributed development methodologies Exposure to Agile scrum and TDD Project Mentoring Project monitoring and management</p>
What college will provide	<p>For Technical Training Training Infrastructure (Training Room, Projector, Screen, systems and power) One support resource</p> <p>For Internship Internship infrastructure, (Systems, networking and internet connection) One support resource</p>
Trainer Profile	<p>Kiran Gururaj Data Scientist, Statistical Modelling, Big Data and Analytics Consulting Bengaluru Area, India</p> <p>Over 25 years of expertise in the areas of Data Science and Analytics, Executive Management, Big Data Solutions, Enterprise Solution Architecture, Consulting, Software Product Development, Business Intelligence and product/solution development. and over a decade of expertise in leading Business Consulting, Product Development and Optimization across Hi-Tech, Retail, Supply Chain, Healthcare and Social Media verticals.</p> <p>Good experience in Big Data Solutions, Statistical Modelling, Data mining, Machine Learning, Artificial Intelligence, Data Visualization, Data Architecture, Data & Application Integration, Product Development and ALM.</p> <p>There will be additional sessions from 10+ years industry experienced resources plus 20+ years experienced industry stalwarts</p>

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Internship Details

Project Name: reMark (Retail Marketing Analytical Platform)

Module Name: Campaign Planner

Project Owner: Kigyan Techno Solutions

Internship Duration: 4 Weeks

Internship Start Date: ___/___/____ Expected Completion Date: ___/___/____

Internship Guide :

- 1> Kiran Gururaj (From Kigyan)
- 2> _____ (From College)

Weekly Schedule:

Time Slot	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 am to 10:00 am	Assembling and Hands on				
9:30 am to 10:15am	Hands on and Clarification sessions on Previous days work				
10:15 am to 10:30 am	Tea Break				
10:30 am to 12:30 pm	Hands on	Technical Training	Technical Training	Technical Training	Hands On
12:30 pm to 1:30 pm	Lunch Break				
1:30 pm to 2:00 pm	Hands on	Hands on	Hands on	Hands on	Hands on
2:00 pm to 2:45 pm	Hands on +Scrum	Hands on +Scrum	Hands on +Scrum	Hands on +Scrum	Hands on +Scrum
2:45 pm to 3:00 pm	Tea Break				
3:00 pm to 4:00 pm	Technical Training	Soft Skill Training	Soft Skill Training	Soft Skill Training	Hands On
4:00 pm to 6:00 pm		Hands On	Hands On	Hands On	Hands On



Kigyan

School of Data Science Pvt. Ltd.

#887(23), Tulsi Arcade, 28th Main Road, 9th Block

Jayanagar, Bangalore – 560069. INDIA

+91 80 2653 8855 / +91 80 2654 8855

www.kigyan.com/school training@kigyan.com

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KPIT



Memorandum of Understanding

Between

KPIT Technologies Ltd.

And

REVA University

Date: 18th July 2018

MEMORANDUM OF UNDERSTANDING

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") following the PACE (Program for Academic Collaboration and Engagement) initiative of KPIT is made on this Wednesday, 18th of July 2018 by and between KPIT Technologies Limited hereinafter referred to as "KPIT", Having its Registered office at Plot No. 35 & 36, Rajiv Gandhi Infotech Park, Phase 1, MIDC, Hinjewadi, Pune - 411 057 and REVA University, located at Rukmini Knowledge Park, Kattigenahalli hereinafter referred to as "REVA University".

1. Introduction

KPIT is a global IT Consulting and Product Engineering partner focused on co-innovating domain intensive, technology solutions for corporations specializing in automotive & transportation, manufacturing and energy & utilities.

WHEREAS, REVA Group of Institutions is established by Rukmini Educational Charitable Trust (RECT), well-known in Technical, Science, Arts and Management programs since 2004 in Karnataka. The REVA University, Bengaluru is approved by UGC and Govt. of Karnataka. In REVA Group of Institutions REVA ITM is NBA accredited and REVA ISM is NAAC accredited with 'A' grade.

REVA University has been conferred as the "Most promising upcoming University" by BERG Singapore and Economic Times. The REVA University boasts state of the art infrastructure and the campus is one of the best in the country.

Whereas the parties have decided to enter into a strategic alliance on terms mutually beneficial to them as provided in this MoU.

2. Objectives of Cooperation

The main objective of this MoU is to initiate PACE (Program for Academic Collaboration and Engagement) and to provide a platform to build a strong and on-going relationship between KPIT and REVA University. The primary goals of PACE are –

1. To develop and foster strategic linkages between "REVA University" and the technical departments at KPIT.
2. To understand the needs and expectations of both the Institute and KPIT and to execute relevant identified activity required to meet the needs and expectations therein.
3. Offering courses of mutual interest to the students and issuing the students certificates jointly, upon successful completion of the course.

MEMORANDUM OF UNDERSTANDING



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4. Provide Placement support to Institution whereby KPIT shall recruit competent and potential students of final year of Under Graduate, Post Graduate and Diploma/MTech programmes depending on their annual need and growth.
5. Identify the areas of research and development in Engineering of mutual interest and work on the identified proposals jointly on agreed terms.
6. KPIT will permit their Engineers and Experts to tender their expertise for the benefit of the students when they are requested for specially focused programs.
7. KPIT will sponsor/mentor UG / PG students' projects of mutual interest and convenience.
8. KPIT will promote various activities for overall development of students of "REVA University"
9. KPIT will advise for achieving programme educational objectives and outcomes of the UG programmes.
10. Exploring and carrying out any other academic activity with mutual consent.
11. Provide exposure to students & faculty members to emerging technologies
12. Help bridge the gap between academia and industry and contribute to the education eco system
13. Participate in enhancing the knowledge of niche technologies and domain education by partnering with "REVA University"

3. Coordination

Under PACE, KPIT and REVA University shall establish a joint working group for coordination. Both parties shall ensure that the joint working group comprises of appropriate personnel to discuss and implement the activities mentioned in this MoU. From REVA University, it would be the Heads of the departments, PACE SPOC from the Institution, Head of Training and Placement division. From KPIT it would be, Head of Learning, SPOC for PACE programs, representatives from specific practices. Both parties (KPIT and REVA University) shall take all reasonable steps to cooperate and ensure successful implementation of all the measures mentioned in this MoU.

4. Mechanisms for Cooperation

The joint working group shall implement, administer and execute the following measures as under –

4.1 Integral Part of academic curriculum planning

KPIT shall participate in planning the academic curriculum by providing the field inputs, technology driven changes to the Board of Studies (BoS) at the departmental level or the Departmental Academic Committee (DAC). This BoS and DAC shall take all such inputs to the cluster level BoS of the institute and finalize the curriculum.

Signature of the Representative of KPIT



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4.2 Participation in Knowledge sharing

As per the PACE program, KPIT is to provide 25 members of participating IITs with technical presentations and talks on topics as shall be, jointly, decided by REVA University and KPIT. Such lectures shall either be a part of the curriculum or a value-added knowledge for the students.

4.3 Projects for Under Graduates and Post Graduates

KPIT shall explore the possibility of increased student and faculty interface by offering projects for students of UG and PG programmes, depending on the need and availability of such projects at KPIT. Since such projects shall constitute a partial fulfillment for the award of the respective degrees, KPIT shall have to evaluate the projects carried out by the students as per the norms of the Institute/ University. Project Coordinators of REVA University shall extend all support to KPIT for the evaluation process.

4.4 Placement support to REVA University

PACE aims at identification of the right young people who will join KPIT in its quest for being practice leaders in the niche areas we are focused on. Hence, KPIT shall recruit competent and potential students of final year of UG/ PG programmes depending on their annual need and growth plan. This activity shall be governed by the selection process steered, jointly, by the Placement Cell, of REVA University and KPIT. KPIT is under no compulsion to guarantee Placements to the students of "REVA University".

4.5 Participation in technical events

As per the PACE program, KPIT shall consider participation in technical events. Events include National/International conferences, workshops, finishing schools, symposia, value-add courses hosted by REVA University. The final decision shall be taken on a case to case basis after review and discussion between the two parties.

4.6 Internships to students

In order to impart practical training under PACE, KPIT shall identify, encourage and support the evolving technical competence in students by providing paid internships to students during their vacation period between successive semesters depending on KPIT requirements. KPIT shall deploy such interns on specific technical works at their development centers. KPIT shall evaluate the quality of the work carried out by the interns and award them with a certificate at the end of the internships at KPIT's discretion on the basis of their performance. Industry-Institute Coordinator of REVA University shall co-ordinate with KPIT throughout the process including initiation of the internship request at the appropriate time, selection of students for the internship, overseeing the technical work carried out by the interns and the evaluation of the work carried out by the interns as might be required by KPIT.



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4.2 Nurturing Exchange Programs

4.3 KPIT shall offer the faculty members an exchange program with support of the faculty and industry. KPIT shall allow to take on the organization on an exchange basis. This shall involve the associates of KPIT and REVA University with cross learning opportunities. Additionally, KPIT will imbibe KPIT culture amongst students and they will understand KPIT principles.

6. **Confidentiality**

6.1 Either party may disclose its Confidential Information (as defined hereinafter) to the other party and the party disclosing the Confidential Information is referred as "Discloser" and the party receiving such information is referred as "Recipient".

6.2 Recipient shall keep the confidentiality of the Confidential Information of the Discloser and not use the Confidential Information for any purpose other than the purpose for which it the Confidential Information was provided to the Recipient.

6.3 Upon request by the Discloser, Recipient shall immediately return the Confidential Information of the Discloser.

6.4 "Confidential Information" shall mean and include KPIT proprietary technologies, all information and trade secrets exchanged by the parties hereto, including without limitation, technical or non-technical data, processes, know-how, business plans, forecasts, ideas, concepts, non-public financial plans and financial data, information about KPIT's clients and vendors and all other information, whether as a whole or any part thereof, that a reasonable person would deem confidential.

6.5 Confidential Information shall not include information which: (a) is or becomes a part of the public domain through no act or omission of the Recipient; (b) can be shown to be already possessed by the Recipient as of the date of disclosure; (c) is made available to the Recipient on a non-confidential basis by a third party having a right to do so; or (d) is disclosed by order of a court of competent jurisdiction.

6.6 The obligation to maintain confidentiality shall survive this Agreement for a period of two (2) years from the date of disclosure.

6.7 REVA University shall cooperate with KPIT in getting Non-Disclosure Agreements signed by the students if such request is made by KPIT.

7. **Selection process**

The entire recruitment procedure shall be decided by the KPIT Campus Recruitment Team which shall decide the procedure of campus recruitment including but not limited to selection criteria, selection process and elimination rounds.

M/S. KPIT Technologies Limited



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ICAR-NIVEDI



राष्ट्रीय पशुरोग ज्ञानपदिक एवं सूचना विज्ञान संस्थान
National Institute of Veterinary Epidemiology and Disease Informatics
(Indian Council of Agricultural Research)



Post Box No. 6450, Yelahanka, Bengaluru – 560064, Karnataka

CERTIFICATE

This certificate is issued to the candidate by **ICAR- National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru** on successful completion of his/her M.Sc. Biotechnology dissertation work.

Name of the Candidate : Pallavi Madihalli S
Institution : REVA University
Training Department : Virology laboratory
Title of Training : "DNA BARCODING AND PHYLOGENETIC ANALYSIS OF DIFFERENT *CULICOIDES* SPECIES"
Duration of Training : 3months (October 3rd 2017 to January 3rd 2018)

This institute wishes the candidate success in her future endeavors.

23
25/04/18
Supervisor

Dr. Md.Mudassar Chanda
Scientist, ICAR-NIVEDI

Dr. Mohd. Mudassar Chanda, M.V.Sc., Ph.D.
Scientist
ICAR-NIVEDI, P B No. 6450
(Govt. of India)
Yelahanka, Bengaluru-560064

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ICAR-National Institute of Veterinary Epidemiology and Disease Informatics


पोस्ट बॉक्स नं ६४५०, येसहंका, बैंगलुरु - ५६००६४, कर्नाटक, भारत

Post Box No. 6450, Yelahanka, Bengaluru - 560064, Karnataka, INDIA



CERTIFICATE

This is to certify that this dissertation entitled, "EPIDEMIOLOGICAL STUDY OF AVIAN INFLUENZA VIRUS AMONG POULTRY," submitted by Ms. SHANTHI SHRADHA in partial fulfilment of the requirements for the DEGREE OF MASTER OF SCIENCE IN BIOTECHNOLOGY to REVA University is based on the work carried out by her under my guidance and supervision. It is also certified that this dissertation or any part thereof has not submitted elsewhere for any other degree.

Guide: 
Date: 23.4.18



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Bengaluru - 560 064



Basic and Molecular laboratory techniques in *Leptospira* Research

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National Institute of Veterinary Epidemiology and Disease Informatics
(Indian Council of Agricultural Research)



Post Box No. 6450, Yelahanka, Bengaluru – 560064, Karnataka

CERTIFICATE

This certificate is issued to the candidate by ICAR- National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru on successful completion of his/her M.Sc. Biotechnology dissertation work.

Name of the Candidate : Soumya T Godyalkar
Institution : REVA University
Training Department : Central Instrumentation Facility
Title of Training : "Basic and Molecular Techniques in *Leptospira* Research"
Duration of Training : 3 months

This institute wishes the candidate success in her future endeavors.

Supervisor

Dr. V. Balamurugan

Principle Scientist, ICAR-NIVEDI

Dr. V. BALAMURUGAN, M.V.Sc., Ph.D.,

Principal Scientist

ICAR-NIVEDI, Post Box No. 6450

Yelahanka, Bengaluru - 560 064.

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ICAR-National Institute of Veterinary Epidemiology and Disease Informatics

पोस्ट बॉक्स नं 6450, येलाहंका, बेंगलुरु - ५६००६४, कर्नाटक, भारत

Post Box No. 6450, Yelahanka, Bengaluru - 560064, Karnataka, INDIA



CERTIFICATE

This is to certify that this dissertation entitled, "EPIDEMIOLOGICAL STUDY OF AVIAN INFLUENZA VIRUS AMONG POULTRY," submitted by Ms. PAVITRA KORLAHALLI in partial fulfilment of the requirements for the DEGREE OF MASTER OF SCIENCE IN BIOTECHNOLOGY to REVA University is based on the work carried out by her under my guidance and supervision. It is also certified that this dissertation or any part thereof has not submitted elsewhere for any other degree.

Guide 

Date : 23.4.18


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Bengaluru - 560 064



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केन्द्रीय औषधीय एवं सगंध पौधा संस्थान

CSIR-CENTRAL INSTITUTE OF MEDICINAL AND AROMATIC PLANTS
Human Resource Development Programme

CERTIFICATE

This certificate is issued to the candidate by *CSIR-Central Institute of Medicinal and Aromatic Plants, Research Centre, Bangalore* on successful completion of his/her M.Sc dissertation work

Name of the Candidate : Mr./Ms GREESHMA.M
Institution : REVA UNIVERSITY
Category of Training : GRADUATE TRAINING
Training Department : Dept. of Plant Breeding,
CSIR-CIMAP, RESEARCH CENTER, BANGALORE
Title of Training : *Molecular and Morphological Diversity analysis In
Andrographis Paniculata*
Duration of Training : From: 03/07/2017 To 06/01/2018

The institute wishes the candidate success in her future endeavors.


Supervisor


Head of the Department/Division
SCIENTIST-IN-CHARGE
CENTRAL INSTITUTE OF MEDICINAL
AND AROMATIC PLANTS
RESEARCH CENTRE
Adalasanahalli, G.K.V.E. Post,
Bangalore-560 086.



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Bengaluru - 560 064



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CSIR-CENTRAL INSTITUTE OF MEDICINAL AND AROMATIC PLANTS
Human Resource Development Programme

CERTIFICATE

This certificate is issued to the candidate by *CSIR-Central Institute of Medicinal and Aromatic Plants, Research Centre, Bangalore* on successful completion of his/her M.Sc dissertation work.

Name of the Candidate : Mr./Ms. **VIVEK JAIN**
Institution : REVA UNIVERSITY
Category of Training : GRADUATE TRAINING
Training Department : MICROBIAL TECHNOLOGY DIVISION,
CSIR-CIMAP, RESEARCH CENTER, BANGALORE
Title of Training : MANAGEMENT OF MULTIDRUG RESISTANT
GRAM NEGATIVE PATHOGENIC BACTERIA BY
PLANT ACTIVES.
Duration of Training : From: 27/07/2017 To 27/01/2018

The institute wishes the candidate success in her future endeavors.

Supervisor

(Dr. C. S. Vivek babu)

Head of the Department/Division

Registrar

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Bengaluru - 560 064



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CSIR-CENTRAL INSTITUTE OF MEDICINAL AND AROMATIC
PLANTS

Human Resource Development Programme

CERTIFICATE

This certificate is issued to the candidate by CSIR-Central Institute of Medicinal and Aromatic Plants, Bengaluru on successful completion of his/her M.Sc. Biotechnology dissertation work.

Name of the Candidate : Ms. ROJA PHILIP
Institution : REVA University
Category of Training : Graduate Training
Training Department : Dept. of Plant Breeding
Title of Training : Analysis of genetic variation in *Withania somnifera*
using ISSR markers
Duration of Training : From 3rd July, 2017 to 5thth January, 2018

This institute wishes the candidate success in his/her future endeavors.

Supervisor

Head of the Department/Division

SCIENTIST-IN-CHARGE
CENTRAL INSTITUTE OF MEDICINAL
AND AROMATIC PLANTS
RESEARCH CENTRE
Allasandra, G.K.V.K. Post,
Bengaluru - 560 086.

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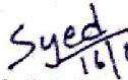


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This is to certify that this dissertation entitled "MULTICENTRIC, RANDOMISED, DOUBLE BLIND, PARALLEL-GROUP, PHASE III TRIAL OF IND "ABC01" AGAINST COMPARATOR "ABX10" FOR THE PATIENTS SUFFERING FROM EPILEPSY DISEASE" submitted by AY. SIVAKUMAR in partial fulfilment of the requirements for the DEGREE OF MASTER OF SCIENCE IN BIOTECHNOLOGY to REVA University is based on the work carried out under my guidance and supervision. It is also certified that this dissertation or any part thereof has not been submitted elsewhere for any other degree.

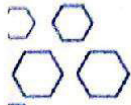
Date: 15th April 2019


16/04/2019
Mr. Abhay Singh
Branch Manager


16/04/19
Mr S.I. Haque
Guide

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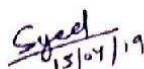
Academy for Clinical Research & Management

CERTIFICATE

This is to certify that this dissertation entitled "**Multicentric, Randomized, Double Blind Comparator, Phase II study to determine the safety and efficacy of 54321 against the 1234 in the patients suffering from Diabetes Mellitus type 2**" submitted by **C. SHIVANI** in partial fulfilment of the requirements for the **DEGREE OF MASTER OF SCIENCE IN BIOTECHNOLOGY** to REVA University is based on the work carried out under my guidance and supervision. It is also certified that this dissertation or any part thereof has not been submitted elsewhere for any other degree.

Date: 15th April 2019


15/04/19
Mr. Abhay Singh
Branch Manager


15/04/19
Mr S.I. Haque
Guide

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Dwarka Plaza, Rajbhawan Road, Somappada, Hyderabad - 500 082
Tel: +91 40 6535 0543 E-mail: info@cliniindia.com
Website: www.cliniindia.com www.abncliniindia.com

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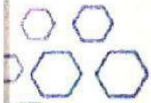
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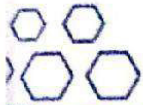

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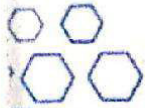
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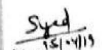


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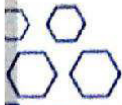
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Bengaluru, India

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Ph: +91- 90211 90211, +91 80 4696 6966
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