Memorandum
Of
Understanding

Between

M/S Tech Aviators Pvt Ltd.
Jind, Haryana

&

Shri Guru Ram Rai University
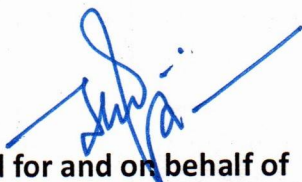## Dehradun, Uttarakhand

28/9/21

28/09/2021

MEMORENDUM OF UNDERSTANDING

The Memorandum of Understanding made in India made effective on 27-09-2021 by and between **SGRR UNIVERSITY Patel Nagar Dehradun Uttarakhand 248001 with** referred as **FIRST PARTY** AND **Tech Aviators Pvt. Ltd.** (a company incorporation under the company ACT 2013) **CIN No. U72900HR2020OPC087580** having its registered **office at 3271 C Block, Urban Estate, Jind, Haryana 126102** referred as **SECOND PARTY**

We are very happy to say that FIRST PARTY and **SECOND PARTY are** agreed with all the points which were discussed in the MOU of **ANEXTURE**-A and were approved by honorable chancellor of **FIRST PARTY.**

IN WITNESS WHERE OF, the parties here to have executed the agreement as of the date written above and with their respective signatures below.

Signed for and on behalf of

By: SGRR University

Signature:
Dr .Parul Goyal

Dean, School of CA &IT

Signed for and on behalf of

By: Tech Aviators (OPC) Pvt ltd

Mr. Neeraj Sharma

Managing Director

The **Tech Aviator Pvt Ltd** and **The Shri Guru Ram Rai University Dehradun, Uttarakhand** sign this Memorandum of Understanding (MoU) with the objective of providing latest certification courses as per need of IT Industry for the UG and PG courses of School of CA & IT at University campus in offline mode or in online mode in case of lockdown because of pandemic situation of CORANA. This memorandum will try to bridge the gap between the course curriculum of the UG & PG courses run by university and demand of IT Industry. This will really train student as per requirement of IT Industry. It provide a framework for enriching students with technical skills in field of Computers & Information technology which will really help in good placement.

A. Academic and Industry

Design and conduct conferences/workshop/seminars/webinar jointly with active participation of faculties, students and other staff from both the organization.

B. ORGANISATION OBLIGATIONS:

- Both the organizations agree to cooperate and support each other for implementing this MoU effectively. They shall endeavor to facilitate the teaching and learning process.
- Provide access to libraries, Computer Labs and other facilities pertaining to the mutually agreed MoU.
- Provide access to high-end software and equipments per existing or mutually acceptable norms and policies of the organizations.
- Encourage joint discussions on new developments, formulation of academic extension programmes.
- Share knowledge/information and publication/literature essential for the academic pursuit.
- Students, scholars and professionals from either organization should not share data to any third party individual or organization even for similar objectives related to the joint collaborative programs of the organizations, without mutual consent.
- If any of the students and expert from industry commits any kind of impropriety at the host institution during the period of the course, the facilities offered to him/her or offered by him/her shall be withdrawn and the matter will be reported appropriately for necessary action to SCAIT.

C. OPERATIONALIZATION OF THE MoU:

- With each course two faculties of SCAIT will be given free online training with certification.
- The beneficiary student or faculty should bring a letter of recommendation from the Dean of School of CA & IT.
- Instructor CV will be provided to SGRR University in advance by **Tech Aviators(OPC) Pvt Ltd**
- **Tech Aviators(OPC) Pvt. Ltd.** will maintain softcopy of all documents, list of students enrolled, attendance, no of classes conducted with date and time, details of Instructor. The same will be provided to SCAIT as and when required.
- **Tech Aviators(OPC) Pvt Ltd** will provide one copy of fee receipt to student and SCAIT.
- Feedback of students will be taken by Dean/ HOD's School of CA & IT. Extension of MoU will totally depend on quality of contents delivered and feedback of students.
- This MoU shall remain in force for a period of ONE years from the date of sign in the first instance, thereafter it may be renewed (if necessary) with mutual consent of the heads of both the organizations.

- Breach of any points contained in this MoU will end in termination of this MoU and appropriate action will be initiated as deemed to be fit.

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This MoU shall be effective from the date it is signed by the **Tech Aviators(OPC) Pvt Ltd**, Jind, Haryana and the Dr. Parul Goyal, Dean School of CA & IT, SGRR University Dehradun.

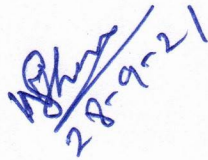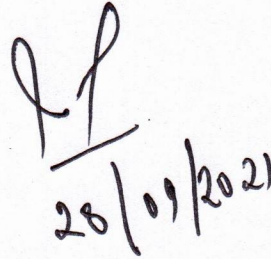The Court of Jurisdiction will be Dehradun only.

The MoU is signed on 27-09-2021 at SGRR University Campus, Dehradun.

Witness: Witness:

ANNEXTURE -A

Terms And Conditions For MOU

- To start offline/online certification courses in the university, three days demo class will be provided to each and every student of all courses SCAIT.

- Morning/Evening batches will be provided to the students as availability of instructor and time table of School of CA & IT.

- With each course two faculties of SCAIT will be given free training with certification if required.

- Minimum 25 students are required to start the offline/online batch in the university.

- If there is a pandemic of COVID-19 then classes will be conducted online.

- Certification will only be provided if student attendance is more than 75% and student has to submit his/her project on given time line.

- 20% of course fee per candidate is applicable to university share. The mentioned share of university will be applicable only if university provide accommodation and mess facility to Tech Aviators faculty at premises, If no such facility provided by University or taken by company faculty only 10% University share is applicable.

- University share will be paid after the completion of the course.

- Course fee will be collected by company in advance by faculty after demo class. Fee once paid by student will not be refunded in any case.

- If in case company's faculty is not able to complete its course content due to any miss happening, company will try to provide the new faculty but if there is unavailability of other expert faculty, portion of course fee will be refunded to student of which course content not delivered.

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Course Content & Fee:-

S.No	Courses	Cost In Rs. Per Student
1.	Web Application Development In Java	3200
2.	Cyber Security (Ethical Hacking)	3000
3.	Python	2200
4.	Website Designing	2000
5.	Computer Hacker and Forensic Investigator (CHFI)	2000

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COURSE DETAILS:

Course Name   : **Web Application Development In Java**

Prerequisites : Basics of Computers
Duration   : 90 hrs
Course Fee   : Rs. 3200/student
Trainer   : Mr. Ajay Bansal, having 11 years of experience in java web application

Course Content:

- Introduction of web application, 3 tier architecture, advantages, disadvantages, scope and examples of web application.
- Overview of client side and server side technologies i.e HTML, CSS, Java Script,   JQuery, AJAX, XML, Java, Servlets, JSP, Tomcat Server and MySQL database.
- Installation of java and discussion on basics like data types, if-else condition, loops, arrays etc
- Installation/configuration of Tomcat Server, start making first web application.
- HTML form elements overview with practical demonstration.
- Introduction of javascript and its practical implementation in client side validation.
- Database basics, sql queries implementation in MySQL.
- Servlets overview, servlets life cycle, servletContext, servletConfig.
- XML mapping, servlet coding for login page with database connectivity to demonstrate authentication.
- Introduction to JSP, session management. JSP scripting elements, page directives, implicit variables.
- Getting account information of different user without loading page using AJAX request.
- Dynamic JSP page, connectivity of database in JSP page, listing of all account users with all details.
- Send SMS, Email from web application. Uploading/Retrieving of image/file.
- Uploading of project on server.
- Interview question preparation related to core java, database, and j2ee.
- Completion of project, students queries solution, revision.

Course Name	: **<u>Cyber Security (Ethical Hacking)</u>**
Prerequisites	: Basics of computers
Course Duration	: 60 hrs
Course Fee	: 3000 / student
Trainer	: Mr. Neeraj Sharma, having 5 years of experience in cyber security
Course Content	:

- Intro of hacking and its scope, Networking Basic, Networking Advance
- Installation of Kali Linux and Basic Commands
- What is IP and MAC address how to change it, Gaining Access Server side attack
- Gaining Access Client Side Attack
- Social Engineering Attack, Spoofing Emails with SMTP server
- Introduction to Beef framework with attack
- Website hacking info gathering/SQL injection, Website hacking Cross Site Scripting
- Brute force attack with examples, DOS attack with explanation
- Revision/Doubt session/Test

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Course Name   : **Python**

Prerequisites   : Computer & Internet Savvy

Course Duration : 90 hrs

Course Fee   : 2000 / student

Trainer   : Mr. Kshitij Sharma, having four years of experience in python development

Course Content   :

- Understanding the basics : Introduction of Python Language, Python Features And Applications, How to install Python. Hello World Program in Python, IDEs for Python

- Learn Python Variables & Operators: Global And Local Variables in Python, Operators in Python, Operator Overloading in Python, Examples With Python Programs

- Learn Python Data Types : Python Strings, Python Lists, Python Sets, Python Tuples, Python Dictionary, Python Programs for practice

- Learn Conditional & Flow Control Statements in Python: Decision- Making Statements in Python, Loops in Python , Python Programs for practice

- Learn Python Functions & Modules: Functions in Python, Function With Arguments, Lambda Functions, Python Modules, Python Closures, Python Programs for practice

- Learn Python File Operations: Basics of File Handling in Python, Open a File in Python, Reading a File & Writing a File, Python seek () & tell () function, exception handling.

- Object-Oriented Approach in Python: Class, Object, And Members in Python, Inheritance |

- Polymorphism | Encapsulation, Constructors in Python,

- Python Programs for practice, Revision. Application of python in AI & ML

Course Name   : **Website Designing**
Prerequisites   : Computer & Internet Savvy
Course Duration : 45 hrs
Course Fee   : 2000 / student
Trainer   : Ms. Mansi Hindwan, having three years of experience in web development
Course Content   :

- Introduction to HTML And HTML Editors, Basic Of HTML
- HTML Elements, Attributes
- HTML Heading, Colors, Tables, Images, Formatting, Links, Lists, Block and Inline, Classes, IDs
- Iframes, HTML Js, FilePath, Head, Meta Tags
- HTML Layout, HTML Responsive, Charset
- HTML Forms, Form Attributes, Form Elements
- HTML Input Types, Input Attributes, Input Form Attributes
- HTML Graphics Canvas, SVG
- HTML Media, Video, Audio, Youtube
- CSS Introduction, Advanced CSS, Javascript, Jquery
- CSS Grid, Css Responsive Web Design, Media Queries, Images, Videos
- Uploading of website on web server, manage email accounts, creation of database
- Overview of cpanel, seo file upload, ftp accounts creation
- At the end of this course, students are able to make their own website and make it live

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Course Name   : **COMPUTER HACKER AND FORENSIC INVESTIGATOR(CHFI)**
Prerequisites   : Computer & Internet Savvy
Course Duration : 45 hrs
Course Fee   : 2000 / student
Trainer   : Mr. Neeraj Sharma, having 5 years of experience in cybersecurity
Course Content   :

- Introduction to computer forensics
- Computer Forensic investigation process
- Searching and seizing computer
- Digital Evidence
- First respond person
- Computer forensics lab
- Understanding hard disk and file system
- Data acquisition and duplication
- Recovering deleted files and partition
- Application password crackers
- Mobile forensics
- Investigation repo

28/09/2021

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Extension
of
Memorandum
of
Understanding

between

M/S Tech Aviators (OPC) Pvt Ltd.
Haryana
and

Shri Guru Ram Rai University,
Dehradun,Uttarkhand

EXTENSION
OF
MEMORENDUM OF
UNDERSTANDING

The Memorandum of Understanding made in India made effective on 30-09-2022,by and between **SGRR UNIVERSITY, West Patel Nagar Dehradun, Uttrakhand - 248001** with referred as **FIRST PARTY** And **Tech Aviators(OPC) Pvt. Ltd.** (A Company Incorporation under the company ACT 2013) **CIN NO U72900HR2020OPC087580** having its registered **office 3271-C Block Urban Estate, Jind, Haryana 126102** with referred as **SECOND PARTY**

We are very happy to say that FIRST PARTY and **SECOND PARTY are** agreed with all the points which were discussed in the MOU see **ANEXTURE-A** and were approved by Respected Registrar, SGRR University of **FIRST PARTY.**
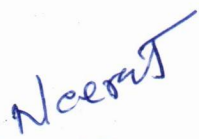
IN WITNESS WHERE OF, the parties here to have executed the Agreement as on 30-09-2022 the and set forth opposite their respective signatures below.

Signed for and on behalf

By: SGRR University

Dr. (Prof) Deepak Sahani
Registrar, SGRR University

By: Tech Aviators (OPC) Pvt ltd

Mr. Neeraj Sharma
IT ,Manager

MoU

MoU Objectives:-

The **Tech Aviators (OPC) Pvt. Ltd** and **The Shri Guru Ram Rai University Dehradun , Uttarakhand** sign this Memorandum of Understanding (MoU) with the objective of providing latest certification courses as per need of IT Industry for the UG and PG courses of School of CA & IT at University campus in offline mode or in online. This memorandum will try to bridge the gap between the course curriculum of the UG & PG courses run by university and demand of IT Industry. This will really train student as per requirement of IT Industry .It provide a framework for, enriching students with technical skills in field of Computers & Information technology which will really help in good placement.

A. ACADEMIC AND INDUSTRY

- Design and conduct certification courses/workshop/seminars/webinar jointly with active participation of Faculties, students and other IT staff from both the organization.
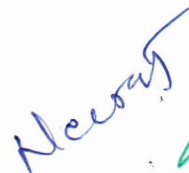
B. ORGANISATION OBLIGATIONS:

Both the organizations agree to cooperate and support each other for implementing this MoU effectively. They shall endeavor to facilitate the teaching and learning process.

- Provide access to libraries, Computer Labs and other facilities pertaining to the mutually agreed MoU.
- Provide access to high-end software and equipments per existing or mutually acceptable norms and policies of the organizations.
- Encourage joint discussions on new developments, formulation of academic extension programs.
- Share knowledge/information and publication/ /literature essential for the academic pursuit.
- Students, scholars and professions from either organization should not share data to any third party individual or organization even for similar objectives related to the joint collaborative programs of the organizations, without mutual consent.
- If any of the students and Expert from industry commits any kind of impropriety at the host institution during the period of the course, the facilities offered to him/her or offered by him/her shall be withdrawn and the matter will be reported appropriately for necessary action to SCAIT.

C. OPERATIONALIZATION OF THE MoU:

- With each course two faculties of SCAIT will be given free online training with certification.
- The beneficiary student or faculty should bring a letter of recommendation from the Dean of School of CA & IT.
- Instructor CV will be provided to SGRR University in advance by **Tech Aviators (OPC) Pvt. Ltd.**
- **Tech Aviators (OPC) Pvt. Ltd.** will maintain softcopy of all documents ,List of students enrolled, attendance ,no of classes conducted with date and time ,details of Instructor. The same will be provided to SCAIT as and when required.
- **Tech Aviators (OPC) Pvt. Ltd.** will provide one copy of fee receipt to student and SCAIT.
- Feedback of students will be taken by Dean/ HOD's School of CA & IT. Extension of MoU will totally depend on quality of contents delivered and feedback of students.
- This MoU shall remain in force for a period of **Two Years** from the date of sign in the first instance, thereafter it may be renewed (if necessary) with mutual consent of the heads of both the organizations.
- Breach of any points contained in this MoU will end in termination of this MoU and appropriate action will be initiated as deemed to be fit.

This MoU shall be effective from the date it is signed by the Mr Neeraj Sharma ,IT Manager ,**Tech Aviators(OPC) Pv.t Ltd.**, Jind ,Haryana and the Dr.(Prof) Parul Goyal ,Dean School of CA & IT , SGRR University Dehradun.

The Court of Jurisdiction will be Dehradun District court only.

The MoU is signed today *i.e* **30-09-2022** at SGRR University Campus, Dehradun
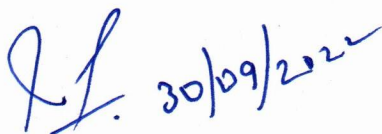
By: SGRR University

Dr. (Prof) Deepak Sahani
Registrar, SGRR University

By: Tech Aviators (OPC) Pvt. Ltd.

Mr. Neeraj Sharma
IT, Manager

Witness 1

Dr.(Prof.) Parul Goyal
Dean , SCAIT

Witness 2

Mr. Pradeep Semwal
Associate Professor
SCAIT

ANNEXTURE -A

Terms and Conditions for certification course under MOU

- To start offline/online certification courses in the university, three days demo class will be provided to each and every student of all courses SCAIT.

- This MoU shall remain in force for a period of **TWO years** from the date of sign in the first instance, thereafter it may be renewed (if necessary) with mutual consent of the heads of both the organizations.

- 70 % of course fee will be collected by company after conducting the demo classes.

- Morning/Evening batches will be provided to the students as availability of instructor and time table of School of CA & IT.

- Minimum 15 students are required to start the offline/online batch in the university.

- Fee once paid by student will not be refunded in any case. But in case if there are any circumstances like Faculty problem / Any misshaping/other problem the company will provide the new faculty but if the company will not be able to provide solution then 100% of the total amount paid by the student will be refunded.

- If there is a pandemic like COVID-19 then classes will be conducted online.

- Certification will only be provided if student attendance is more than 75% and student has to submit his/her project on given time line and cleared examination.

- University share (20 % of Course Fee /per candidate) will be paid after the completion of the batch.**20% share of the University is applicable to university if there are minimum 15 students in each course. The above mentioned share of university will be applicable only if university provide accommodation facility at premises and mess facility, If there isno such facility provided by University only 10% University share is applicable.**