



Guru Nanak College (Autonomous)

(Affiliated to University of Madras & Re-Accredited At "A" Grade by NAAC)

No. 161, Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu

Website: www.gurunanakcollege.edu.in

3.7.2.1. Number of functional MoUs with institutions of national and international importance, other universities, industries, corporate houses etc., during the last five years

Summary Sheet

Number of Functional MoUs

|| 2020-21 ||



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ISO Certified (9001 - 2015)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFIED DOCUMENTS

METRIC NO. : 3.7.2.1

PAGE NO. : 1 TO 133


PRINCIPAL

E-COPIES OF FUNCTIONAL MoU AND ITS RELATED ACTIVITY REPORT
(2020-21)



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Sardar Rajinder Singh Bhasin

President

Sardar Manjit Singh Nayar

General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD

Principal

Memorandum of Understanding Between

SR UNIVERSITY, Warangal

and

Guru Nanak College (Autonomous), Chennai

Based on the previous cooperation and mutual wish to establish the fruitful cooperation both Institutions hereby confirm their wish to enter into this Memorandum of Understanding (MoU) on education and research collaborations. The Institutions agree to develop the joint activities to address issues of mutual interest, designed to foster and promote collaboration in the field of education, research and capacity through the following activities.

1. Area of Cooperation

The area of cooperation includes research and academic activities or programs such as:

1. Joint Research collaborations, publication of scientific papers and educational materials
2. Exchange of faculty, teachers and academic staff
3. Participation in and co-hosting of lectures, meetings, seminars, symposia and conferences
4. Exchange of materials, publications and other information
5. Joint application for funding for collaborative projects from relevant funding agencies
6. Collaboration in other areas that foster research and educational cooperation.

Terms of each activity or program, including activity and budget shall be discussed and agreed upon in writing by both parties prior to the initiation of the particular program or activity. All terms shall be negotiated on a mutual basis and documented in a project or program agreement. Such joint programs and resulting agreements shall specify the specific responsibilities and obligations of each party and agreements must be approved and signed by authorized representatives of each party to this Memorandum.



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General Secretary & Correspondent

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Principal

2. Principles

The implementation of this MOU will be in accordance with the policies on cooperation of the SR UNIVERSITY, Warangal and relevant policies and regulations of the Guru Nanak College (Autonomous), Chennai

SR UNIVERSITY, Warangal and the Guru Nanak College (Autonomous), Chennai will each accept the participants selected by the other party if mutually acceptable academic and/or professional qualifications and standards are met. All participants will be treated in the same non-discriminatory manner in carrying out the provisions of the MoU, subject to the provisions of the policies and requirements of each of the Institutions.

3. Terms of Cooperation

Visiting participants will be responsible for their own personal expenses incurred at the host institution, including housing, travel, meals, medical and health insurance, books and stationery required. The host Institution cannot be responsible for any damages suffered or caused by a visiting participant. The host Institution will make reasonable effort to provide the accommodation to the participants. Visiting participants will observe the institutional policies, procedures and regulations of the host institution.

4. Other Arrangements

This Memorandum of Understanding will remain in force for a period of 5 (five) years. Any amendment to the Memorandum of Understanding will require written approval of each of the parties. After the initial five year period, this Memorandum of Understanding may be renewed by mutual consent in writing. Either party reserves the right to terminate this Memorandum of Understanding upon 6 (six) months' written notice. Any program or activity that has already commenced shall be completed to the best of both parties' abilities.



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President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

This agreement was signed in two identical copies in English, one for each of the Parties.

IN WITNESS WHERE OF the Parties hereto have executed this MOU on this 30th day June 2021.

For SR UNIVERSITY, Warangal

For Guru Nanak College (Autonomous)

General Secretary and Correspondent
Guru Nanak College
Velachery, Chennai-600 042

Name and Signature:

Name and Signature:



GURU NANAK COLLEGE (AUTONOMOUS)

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Guru Nanak Salai, Velachery, Chennai – 600042.

Event Title	"MoU – ACTIVITIES with SR UNIVERSITY, WARANGAL" RESEARCH COLLABORATION
Category	PUBLICAION OF BOOK CHAPTERS
Date	2021
No. of Resource Person	Not Applicable
No. of Participants	3

(1) Report Description

"Scientific collaboration appears to a large extent to be organized by the scientists themselves". Guru Nanak College is no exception with a large number of inter-organizational collaborations already established which involve researchers from Guru Nanak College and other Universities. One of the strategic objectives of Guru Nanak College is to improve the coordination of multiple research collaborations with specific partner institutions in order to support established collaborations as well as promote the development of new collaborations with an already established partner organization. The coordinated inter-organisational activities are proposed to involve the availability of targeted funding, resources and streamlined institutional support. The aim of the review is to identify and report approaches to establishing a coordinated model which may be used to inform the development and refinement of the current approach at Guru Nanak College. In order to review and identify the most relevant information that could be directly translated into action within Guru Nanak College, the evidence presented below describes the findings which specifically pertain to the academic research setting with insights into inter-institutional collaboration activities. So far five book chapters have been sent to the editorial board. As of now the following book chapters has been published in collaboration with SR University.

Dr. M. G. Ragnathan, Dr. J. Jayanthi and Dr. E. Gayathri have published the book chapter No. 21 titled "**Studies on potential plant selection focusing on soil bioengineering application for land degradation protection**" with the ISBN: B978-0-323-89861-4.00014-2, 00014, in association with the SR University in the October 2021 issue.

Dr. E. Gayathri has published the book chapter No. 18 titled "**Ecoengineering practices for soil degradation protection of vulnerable hill slopes**" with the ISBN: B978-0-323-89861-4.00014-2, 00014, in association with the SR University in the October 2021 issue.

Dr. E. Gayathri has published the book chapter No. 22 titled "**IoT applications in landslide prediction and abatement—Trends, opportunities, and challenges**" with the ISBN: B978-0-323-89861-4.00014-2, 00014, in association with the SR University in the October 2021 issue.



COMPUTERS IN EARTH AND ENVIRONMENTAL SCIENCES

Artificial Intelligence and Advanced Technologies
in Hazards and Risk Management



Edited by
Hamid Reza Pourghasemi

COMPUTERS IN EARTH AND ENVIRONMENTAL SCIENCES

Artificial Intelligence and Advanced
Technologies in Hazards and Risk
Management

Edited by

HAMID REZA POURCHASEMI

Associate Professor, Watershed Management Engineering, College of Agriculture, Shiraz University, Shiraz, Iran



CHAPTER

18

Ecoengineering practices for soil degradation protection of vulnerable hill slopes

R. Gobinath^a, G.P. Ganapathy^b, E. Gayathiri^c, Ashwini Arun Salunkhe^d, and Hamid Reza Pourghasemi^e

^aSR University, Warangal, Telangana, India ^bVIT University, Vellore, Tamil Nadu, India ^cGuru Nanak College (Autonomous), Chennai, Tamil Nadu, India ^dDr. D. Y. Patil Institute of Technology, Pune, India ^eDepartment of Natural Resources and Environmental Engineering, College of Agriculture, Shiraz University, Shiraz, Iran

1 Introduction

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Landslides were recognized as a process of contributing to an outward and backward change in hilly slopes resources made of native soil, sand, synthetic cover, and part combination^{1,2} the primary causes of landslides are gravitational force and groundwater flow inside the soil. In many parts of the world, land depletion in a sensitive ecosystem of mountainous terrain is becoming a major issue. Because of its effect on the potential loss of production, economic influence, and social losses, land depletion is a serious concern.³⁻⁴ The principal causes of land loss are steep hills with poor vegetation cover and increased human interference. This adds to a number of negative consequences, such as soil deterioration, reduced land quality, degradation of local hydrology networks, and limited capacity to store water with hauled sedimentary rocks and contaminants.⁵ Therefore, the current rate of degradation processes may be halted through the implementation of innovative management strategies.⁶ Soil has a leading role in influencing or intensifying the loss of productivity that comes from the soil, including agricultural products. The integrated behavior of microclimate variables (aridity, weather events, rainfall erosion) and human mismanagement (intermittent drought, thin soil horizons, poor soil organic matter, scarce vegetation cover), and human pressure (overgrazing, deforestation, agricultural intensification, tourism growth).⁶⁻¹⁰ Soil depletion is the depletion of soil ecological resources and functions.¹¹ Almost 30% of the world's soils has been exhausted, and they need to be analyzed and documented to improve their management and use.¹² The deterioration of land in India is reported to continue on 147 million hectares (MHM or Mha-m), including 94 Mha-m of river erosion, 16 Mha-m of acidification, 14 Mha-m of floods, 9 Mha-m of wind erosion, 6 Mha-m of salinity, and 7 Mha-m of mixing factors. This is incredibly serious since India promotes 18% of the world's population and 15% of the world's farm production, but only 2.4% of the world's population. The cause of soil degradation is often massively complex, with varying dimensions, including low and reduced land fertility, vegetation, ecosystems, and the decline in ecosystem-derived economic and social resources. Six soil depletion processes, such as water, wind and tilling, degradation, topsoil depletion, compressibility, saline intrusion, alkyl nature, pollution, and loss of biodiversity, have been defined as induced or aggravated by poor agricultural practices. Soil erodibility is an indication of land loss sensitivity and is defined by the physical properties¹³ of soil. Soil degradation can occur over a short period of time owing to ineffective land management, although soil restoration can take a long time or decades to form. The design and management of land use studies are also needed to support choice-making and public policy, ensure real-time soil quality and lead to sustainability.¹⁴ This chapter delegates knowledge to help better-informed decision-making on the conservation of fragile hillsides and the management of ecosystems, focusing on controlling soil erosion.

CHAPTER

21

Studies on potential plant selection focusing on soil bioengineering application for land degradation protection

E. Gayathiri^a, R. Gobinath^b, G.P. Ganapathy^c, Ashwini Arun Salunkhe^d, J. Jayanthi^a, M.G. Ragunathan^a, and Hamid Reza Pourghasemi^e

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1 Introduction

The most important environmental challenges faced by humans are soil degradation and desertification. Land degradation is one of the biggest challenges faced by us and has been a challenge for the sustainable development of regional communities and the economy. The challenges are complicated on a state, regional, and global scale.¹ Soil loss, erosion, and biodiversity loss are interconnected processes with complex consequences.² Land degradation indicates a substantial decline in the land's productive potential. It is a dynamic mechanism entailing several explanatory dimensions that play a dominant role in climate change, land use/land shifts, and human-controlled land use.³⁻⁶ In addition, over the last few decades, several inaccurate methods have been introduced by humans to control and make use of land guided by a single-sided focus on societal gains that have exacerbated a variety of soil depletion problems, such as climate hazards and river erosion.^{7, 8} Soil erosion has resulted from the continuous destruction of dryland habitats induced by both climate conditions and human activity, including improper land use/land conservation.⁹ Land destruction has had a major impact on the sustainable protection of land and has caused a significant risk to food safety and has had an impact on sustainable social and economic development. Soil loss is a socio-economic problem and is not just an environmental concern affecting humanity.¹⁰ The impact of climate change has been slowly increasing; indeed, those caused by human activities are rapidly increasing and becoming more serious.¹¹ In the twenty-first century, the study of soil degradation, in particular its mechanism, adaptive development, temporal and spatial spread, as well as defensive measures for soil ecosystem regeneration and reconstruction, has been a high priority in many disciplines, such as ecology and geography.¹² Land degradation studies currently focus largely on the guiding factors of land degradation, land degradation reduction and management steps, and methodologies for measuring land degradation.¹³ The land degradation mechanism includes two interconnected dynamic processes, that is, the natural ecosystem and social system of humans, and all shifts in the physical and socio-economic factors can influence the process of soil deterioration.¹⁴ Multiple factors impact soil erosion through recurrent pressures induced by severe and prolonged climate change, where human actions contribute to soil deterioration.

- (1) Deforestation, destruction of biodiversity, and suburban development lead to shifts in terms of ground usage and cover.

IoT applications in landslide prediction and abatement—Trends, opportunities, and challenges

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1 Overview

Landslides are among the most dangerous environments and can cause significant damage to human life and business habits.¹ The drive impact of landslide assessments from the gradual measurement of material to a rapid landslide of a significant volume of debris in the range of millimeters/centimeters per year.² There are two primary factors for landslides. First, it is a cause by nature (inevitable) that is away from the control of the human being and order. Second, man-made landslides are generated by rising environmental forces in the form of construction work, illegal mining, strong ground apparatus movements, and sometimes hills-cutting. There are several examples of negative landslide signs in different regions of India. India has experienced harmful landslides in the past few years.

In 2020, states such as Kerala, Karnataka, Tamilnadu, and Manipur have played a vital role in landslides near the TNEB colony, Emerald, Kundah Taluk, which is located in Nilgiris district, Tamil Nadu, after a hex of heavy rainfall of about 34.6 cm (for the period ending 24h, another one has occurred in Talacauvery on August 6, 2020, around 02:30 am, because of the same heavy rain, near Talacauvery Temple on Brahmagiri hills near Bhagamandala in Kodagu district, Karnataka. The Longmai landslide occurred during the last week of June 2020, along the upslope of the NH-37, the Imphal-Jiribam road approximately 500 m from Noney Bazar towards Imphal, Manipur. In July 2020 in Mao town, which has affected an area of about 0.6 sq.km in the same Manipur. Landslides in Papumpare District, Arunachal Pradesh, two notable landslide occurred in a village called Tagdo, which was destroyed on July 10, 2020. Another in Dorzi Colony around 8:12am on June, 25.06.2020. Two landslides occurred in each Dhare and Sitala area, and the other occurred in Kabi Village in North Sikkim.³

Internet of Things (IoT) or inter-machine communication (M2M) over the World Wide Web is a common platform that enables interaction between machines such as computers and smartphones via the Internet. The number of connected devices is increasing rapidly, and Cisco IBSG anticipates that the number of IoT devices will meet 1.5 trillion by 2020.⁴ To have access, analysts predict that the Internet of Things will be composed of 20.4 billion units by 2020.⁵

Internet Phase-I: People to People (P2P)

Internet Phase-II: Device to People (M2P)

Internet Phase-III: Device to Device (M2M)



Master Licence Agreement Number 124354

Master Licence Agreement

SAS Institute (India) Pvt Ltd 4 and 5 North Avenue, Maker Maxity, 3rd Floor, Bandra Kurla Complex, Bandra East, Mumbai 400051, Maharashtra India Tel.: (91) 22 6749 2229 • Fax: (91) 22 6749 2299 http://www.sas.com	Customer Name: Guru Nanak College ("Customer") Street Address: Guru Nanak Salai, Anna Garden, Velachery City, County, State, Country, Zip Code: Chennai, TN, 600042 Taxpayer ID Number:
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installation or use of the Software within the Territory as documented at the support link at support.sas.com, which may be updated from time to time. Customer may obtain additional support services from SAS by executing a Supplement for Services and paying applicable additional fees to SAS. It may not be possible for SAS to solve all problems or correct all errors in the Software. From time to time, SAS may make available, and Customer agrees to use reasonable efforts to install, new releases, updates and corrective code. During ongoing Software development, SAS may add, change or delete individual components or functionality in new releases. Such Software modifications shall be subject to the terms of the Agreement. If Customer chooses not to install the most current release of the Software, the level of technical support may diminish over time. SAS' obligations in this section are subject to the following: Customer shall: (a) when requesting technical support, notify SAS of any modifications to the Software not made by SAS, or at the direction of SAS; (b) establish technical contacts with knowledge about the Software and Customer's use of the Software who will be qualified to provide SAS with information necessary for SAS to diagnose and remedy any problems with the Software and (c) ensure that all data is adequately duplicated, documented, and protected. Failure to comply with these terms may result in longer response and resolution times. Customer may procure training relating to Software solely from SAS or SAS' Accredited Training providers listed on https://www.sas.com/en_in/training/home/locations/accredited-training-centers.html.

8. Payment.

8.1 Invoices. SAS will invoice Customer (a) upon Customer's execution of a Supplement and prior to each subsequent licence period for any Software licence fees due and (b) as specified in the applicable Supplement for any Services fees due. Payment terms for all invoices are net thirty (30) days. Licence and Services fees do not include applicable taxes. SAS will use reasonable efforts to include all taxes applicable to Customer on the relevant invoice and Customer agrees to pay such taxes to SAS; however, Customer is responsible for taxes on its licensing of the Software and acquisition of Services. Customer is not responsible for taxes based on SAS' income. Except as otherwise allowed in the Agreement, refunds are not available after the Product Authorization Code has been provided.

8.2 Customer Changes. Customer shall notify SAS by phone or in writing to change operating systems, Authorised Hardware or any factor affecting the applicable pricing metric or any applicable usage rights. These changes may result in additional licence fees which are calculated as of the date of the change, invoiced upon receipt of notice from Customer and payable in accordance with the Invoices subsection of this MLA.

8.3 Third Party Payments. Customer may, by written notice to SAS, designate a third party to pay Software licence fees or Services fees on Customer's behalf. Customer shall be responsible for any related charges assessed by such third party. When a third party is designated by Customer to pay fees under the Agreement, SAS will send its standard notices regarding fees only to such third party, but all payments due under the Agreement will remain Customer's ultimate responsibility.

9. Customer Obligations. Customer shall: (a) be responsible for verifying the accuracy of its data input and output while using the Software, (b) be responsible for ensuring that all data and software used with the Software is adequately duplicated, documented, and protected; (c) inform all parties authorised to use the Software of the relevant terms of the Agreement and be

responsible for their adherence to such terms and (d) keep records of where the Software is installed and used and the extent of usage of the Software relative to the applicable pricing metrics and usage rights and provide a copy of such records to SAS upon request.

10. Limited Warranties and Representations.

10.1 Warranties by SAS: Remedies.

10.1.1 SAS warrants that it has the right to licence the Software and Documentation to Customer. The exclusive remedy for breach of this warranty is set forth in the Indemnification section of this MLA.

10.1.2 SAS warrants that each commercially available release of the Software shall substantially conform to its Documentation including any updates thereto, and that the Software and the media on which it is installed shall be free of software viruses when received by Customer. As the exclusive remedy for breach of these warranties, SAS, at its option, shall: (a) repair the Software; (b) replace the Software; or (c) terminate the Software licence and refund the fees paid for the Software at issue during the then-current annual licence period.

10.2 Warranty Disclaimers by SAS. SAS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING AS A RESULT OF CUSTOM OR USAGE IN THE TRADE OR BY COURSE OF DEALING. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, SAS DOES NOT WARRANT OR REPRESENT THAT CUSTOMER'S USE OF THE SOFTWARE WILL RESULT IN CUSTOMER'S COMPLIANCE, FULFILLMENT OR CONFORMITY WITH THE LAWS, RULES, REGULATIONS, REQUIREMENTS OR GUIDELINES OF ANY GOVERNMENTAL AGENCY.

11. Exclusions of Damages; Limitation of Liability.

11.1 Exclusions of Damages. NEITHER CUSTOMER NOR SAS IS LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, PUNITIVE, OR RELIANCE DAMAGES (ARISING IN TORT, CONTRACT OR OTHERWISE), EVEN IF THEY HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. SAS IS NOT LIABLE FOR ANY CLAIM AGAINST CUSTOMER BY ANY PARTY RELATING TO USE OF THE SOFTWARE, EXCEPT AS SET FORTH IN THE INDEMNIFICATION SECTION OF THIS MLA. THE PARTIES MAKE THESE EXCLUSIONS IN CONSIDERATION OF THE FEES PAID AND LICENCES GRANTED UNDER THE AGREEMENT.

11.2 Limitation of Liability. THE TOTAL AMOUNT CUSTOMER MAY RECOVER FOR ALL CLAIMS RELATING TO THE AGREEMENT IS LIMITED IN THE AGGREGATE TO THE FEES PAID FOR THE SOFTWARE AT ISSUE DURING THE RELEVANT ANNUAL LICENCE PERIOD AND FOR THE SERVICES AT ISSUE.

11.3 Applicability. This section does not apply to the indemnification obligations in the Indemnification section of this MLA or to either party's violation of the other's intellectual property rights. The limitations in this section shall apply even if any of the remedies provided in the Limited Warranties and Representations section of this MLA fail of their essential purpose. Some jurisdictions do not allow limitations of liability or exclusions for incidental or consequential damages, so certain provisions of this section may not apply to Customer; however, they apply to the greatest extent permitted by applicable law.

12. Third Party Licensor Disclaimers and Limitations of Liability. Certain third party vendors (collectively, "Third Party Licensors") licence components to SAS Institute Inc. which are contained in certain Software. Third Party Licensors require the additional terms in Section 12.1 and 12.2 to be included herein:

12.1 THIRD PARTY LICENSORS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING AS A RESULT OF CUSTOM OR USAGE IN THE TRADE OR BY COURSE OF DEALING. THIRD PARTY LICENSORS PROVIDE THEIR SOFTWARE "AS IS."

12.2 THIRD PARTY LICENSORS ARE NOT LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, PUNITIVE, OR RELIANCE DAMAGES (ARISING IN TORT, CONTRACT OR OTHERWISE), OR FOR ANY CLAIM MADE AGAINST CUSTOMER BY ANY PARTY EVEN IF THEY HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

12.3 EXCEPT AS SET FORTH IN SECTION 12.4 BELOW, NOTHING IN THIS SECTION NULLIFIES SAS' EXPRESS WARRANTIES OR LIABILITIES RELATING TO THE SOFTWARE, INCLUDING SOFTWARE COMPONENTS LICENSED BY SAS FROM THIRD PARTY LICENSORS UNDER THE AGREEMENT.

12.4 THE SOFTWARE MAY BE PROVIDED WITH CERTAIN FREE AND OPEN SOURCE SOFTWARE ("FOSS") IDENTIFIED IN THE DOCUMENTATION AND/OR THE APPLICABLE SUPPLEMENT. CUSTOMER'S RIGHT TO USE SUCH FOSS SHALL BE GOVERNED BY THE APPLICABLE FOSS LICENSE AGREEMENT INSTEAD OF THE TERMS OF THIS MLA OR THE SUPPLEMENT.

13. Indemnification. Provided Customer uses the Software consistent with the terms and conditions of the Agreement and complies with this section, SAS will defend and indemnify Customer, as described below, with respect to any claim made against Customer for: (a) copyright, patent, trade secret or other intellectual property rights violation relating to the Software; or (b) bodily injury, death or damage to tangible property, excluding loss of or damage to software or data, arising solely from actions for which SAS is legally responsible. Customer agrees to promptly notify SAS in writing of any such claim, to allow SAS to control the litigation or settlement of any such claim and to cooperate with SAS in the investigation, defense and settlement thereof. SAS shall indemnify Customer by paying for the costs and attorneys' fees Customer incurs at SAS' direction and any judgment finally awarded against Customer or settlement approved by SAS. Customer may participate at Customer's own expense. If such claim in (a) above is made or, in SAS' opinion, is likely to be made, then SAS, at its option, may: (1) modify the Software; (2) obtain rights for Customer to continue using the Software; or (3) terminate the licence for the Software at issue and refund the then-current annual licence fee paid for such Software, but in no event shall termination relieve SAS from its obligation to defend and indemnify Customer as set forth herein. Customer agrees to abide by SAS' decision and, if appropriate, install a different version of the Software or stop using the Software. This indemnification obligation does not apply to the extent: (i) a claim is based on Customer's combination of the Software with other software, or modification to the Software, if such claim would not have been made but for Customer's combination or modification; or (ii) as of the date the claim arose,

Customer had not installed the latest version of, or update to, the Software as instructed by SAS prior to such date, if such claim would not have been made if the update or latest version had been installed.

14. Termination; Expiration. SAS or Customer may terminate the Software licence for a breach of the Agreement if not cured within thirty (30) days of the breaching party's receipt of the non-breaching party's written notice. SAS may terminate the Agreement immediately for any violation by Customer of SAS' intellectual property rights. Obligations in the Agreement that by their nature are continuing will survive termination or expiration. Upon termination or non-renewal of each Software licence hereunder, or when a User, Related Entity or disaster recovery contractor is no longer authorised to access the Software, Customer agrees to reclaim, delete, and destroy the Software at issue, along with any related Documentation.

15. Governing Law; Export and Import Restrictions. The laws of India, excluding choice of law provisions, govern the Agreement. The Courts in Mumbai, India shall have exclusive jurisdiction to deal with the matters in dispute arising out of this Agreement relating to interim relief or to challenge the final arbitral award. SAS hereby notifies Customer that because the Software is of United States origin, United States export laws and regulations apply to the Software. Both parties agree to comply with these and other applicable export and import laws and regulations. The parties expressly agree to exclude from the Agreement the United Nations Convention on Contracts for the International Sale of Goods.

The directors or other senior representatives of the parties or their respective parent companies ("Authorized Parties") with documented authority to settle a dispute between the parties will, within fifteen (15) days of a written request from one party to the other, meet in a good faith effort to resolve any dispute. Such meeting may be telephonically, by video conference or in person. As used herein, the term "dispute" shall mean questions, differences of opinion, disputes or different interpretations of any of the rights or obligations of the parties under the Agreement, including, but not limited to, questions related to the construction, validity or enforcement of any its terms.

If such Authorized Parties are unable to resolve the dispute during such a meeting, or in the event the meeting does not take place within the aforementioned fifteen (15) day period, then unless otherwise agreed by the parties, such dispute shall be finally settled in accordance with the Arbitration and Conciliation Act, 1996 ("Act") or any re-enactment or modification of such Act for the time being in force. The arbitration shall be convened by three (3) arbitrators, one each to be nominated by each of the parties, the third to be nominated by the two (2) chosen arbitrators. Unless otherwise agreed by the parties the arbitration proceedings shall take place in Mumbai, India and shall be in the English language. The award passed by the arbitrators shall be final and binding on both the parties. Each party shall bear its own cost relating to the arbitration. Common expenses relating to arbitration shall be equally borne by the parties.

16. General.

16.1 Severability. If a court of competent jurisdiction finds any part of the Agreement unenforceable, that part is excluded, but the remainder of the Agreement shall remain in full force and effect.

16.2 No Waiver. Failure to require compliance with a part of the Agreement is not a waiver of that part. Nothing in this

subsection waives any remedy SAS may have under the Agreement at law, in equity, or otherwise.

16.3 Non-assignment. Customer may not assign the Agreement or any of its rights or obligations hereunder whether voluntarily or involuntarily, and whether by means of merger, consolidation, sale of assets, dissolution, operation of law, or by any other manner, without SAS' written permission, which permission will not be unreasonably withheld. Any purported assignment or delegation in violation of this section is void and constitutes a material breach of the Agreement.

16.4 Audit. Upon fifteen (15) business days' notice to Customer, SAS will have the right to conduct an on-site audit during Customer's normal business hours to verify compliance with the terms and conditions of the Agreement. Customer shall cooperate with SAS by: (a) making applicable records available; (b) providing copies of the records requested; and (c) directing all

agents to cooperate. If the audit reveals that Customer owes additional licence fees, Customer shall pay the amounts owed and SAS' reasonable expenses in conducting the audit.

16.5 Injunctive Relief. Breach of SAS' or its licensors' intellectual property rights will lead to damages not adequately remedied by an award of money; therefore, SAS may protect those intellectual property rights through temporary restraining orders or injunctions, without the obligation of posting bond.

17. Complete Agreement; Modifications. The Agreement and invoices arising under it are the parties' complete and exclusive statement relating to their subject matter. Modifications must be in writing, signed by both parties, and specifically reference the Agreement. Additional or conflicting terms on current or future Customer or third party purchasing documents are expressly objected to and rejected.

The individuals signing below represent they have authority to bind the named parties to this MLA.

Accepted by:

Customer: Guru Nanak College

SAS Institute (India) Pvt. Ltd.

By

Authorized signature

Name (type or print)

MR. MANJIT SINHA NAYAR

Title

On

GENERAL SECRETARY & CORRESPONDENT

Date

14-06-2021

By

Authorized signature

Ketan Paranjape

Name (type or print)

Director Finance

Title

On

Date

LGL3555/SEP15

SAS and all other SAS Institute Inc. product or service names are registered trademarks or trademarks of SAS Institute Inc. in the USA and other countries. ® indicates USA registration. Other brand and product names are trademarks of their respective companies.

**Services Supplement Number 1 ("Supplement")
Fixed Price To Master License Agreement ("MLA")**

SAS Institute (India) Pvt. Ltd. ("SAS")
4 North Avenue, Maker Maxity,
3rd Floor, Bandra Kurla Complex,
Bandra East, Mumbai 400051,
Maharashtra, India
Tel.: (91) 22 6749 2229 • Fax: (91) 22 6749 2299
http://www.sas.com

Customer Name:
Guru Nanak College ("Customer" or "GNC")
Street Address:
Guru Nanak Salai, Anna Garden, Velachery
City, State, Country, Postal Code: – Chennai, Tamil Nadu 600042, India
Taxpayer ID Number:

1. **Effective Date.** This Supplement is effective upon the last dated signature below ("Effective Date") but governs Services performed prior to the Effective Date.

2. **Services, Deliverables, Work Product and Fees.**

2.1 **Deliverables and Work Product.** In exchange for Customer paying the fees and any applicable taxes arising under this Supplement, SAS agrees to provide (a) the services described in Section 2.2 below ("Services") related to Customer's use of software licensed under the MLA ("Software"), (b) the deliverables, if any, described below ("Deliverables") and (c) a limited license as described in Section 4.1 below in relation to any documentation, computer code or other materials included in any Deliverables and delivered by SAS in connection with the Services (collectively, "Work Product"). The Services shall be performed on a Fixed Price basis. As used herein, the term "Fixed Price" means a pre-defined project model where SAS provides Services for a set fee within a set time period as identified below.

2.2 **Description of the Services:**

GNC with SAS has agreed to jointly launch and train students in SAS for its Under Graduate program of Bachelor of Science (B.Sc.) in Data Analytics offered by GNC in Collaboration with SAS India.

It would also give existing GNC students' a flexibility of acquiring Global professional certification credentials of SAS as a part of their under Graduate program. Details of courses/program are as below:

Program structure: -

SAS shall provide Software and Services in the nature of training with respect to:

1. **Bachelor of Science (B.Sc.) in Data Analytics**

Subject No	SAS CODES	Course	Semester	Duration (Hrs)
LAB1	PG1V2	Programming for Analytics I	I	90
	PG2V2			
LAB2	MC1V2	Programming for Analytics II	II	60
	SQ1M6			
LAB3	DI148	Big Data Management	III	90
	DIAHSM			
LAB4	EGBS82	Applied Data Mining and Machine Learning	IV	90
	AAEM51			
LAB5	SVSQ35	Applied Statistics and Time Series Modelling	V	60
	STSM51			
LAB6	OROP41	Optimization and Text Analytics	VI	90
	DMTX5			

3. **Deliverables, Fees, Travel and Living Expenses**

3.1 The fees for the software and Services to GNC by SAS is as below:

Course Name	Hours	Price/Student
BSc – Data Analytics#	480	210,000/- Inclusive of complimentary Global certification worth USD 610

Inclusive of one attempt on global SAS Certification on the following topics:

- Programming for analytics - 1 would include one global certification of Base SAS
- Applied Data Mining and Machine Learning one global certification of SAS certified Predictive Modeler

Applied Statistics and Time Series Modelling one global certification of SAS certified Visual Modeler

3.2 Other Terms & Conditions

1. The Services and relationship would begin post the signing of this Agreement.
2. SAS software access to all the courses would be given to all the students pursuing the program referenced above.
3. Total number of seats for BSc program will be fifty (50).
4. Customer will pay SAS Rs 35,000- (Rupees Thirty Five Thousand only) per student per semester.
5. SAS programs would be compulsory for students and all subjects are compulsory. There would be no optional SAS subject as the students progress to next semester during the academic curriculum.
6. Certification Exams to be held at Customer laboratory.
7. The Pre-requisite of trainings must be done by GNC faculty.
8. Above price is inclusive of one (1) attempt of SAS certification and SAS badges.
9. SAS will provide verified Digital Badges to students on successful completion of training program and completion of the Global Certification attempt.
10. SAS will award co-branded course completion certificate.
11. Customer can make use of SAS Logo for Marketing the program.
12. SAS to invoice GNC in the beginning of each semester based on the number of students eligible to attend SAS training.
13. Payment - Payment shall be done within 30 days of invoice raised.
14. Payment mode: Online transfer or through Demand draft/Cheque that should be drawn in favour of "SAS Institute (India) Private Limited"
15. In case the number of students go up in future new students would also be allowed to take the same trainings.
16. GST to be charged extra at actuals.
17. If classroom training conducted out of Mumbai Travel and living expenses by SAS trainers, and any applicable taxes, are additional and are not reflected in the fixed fee above. SAS trainers would travel from Mumbai.
18. If mapped certification has newer program or update, it will be considered based on mutual discussion between SAS & GNC.
19. **The current fees and Agreement would be valid for the next 3 annual batches starting Aug 2021.**
20. SAS may cancel or reschedule a course at its discretion and will use reasonable efforts to notify delegates at least 5 working days in advance in these circumstances, delegates will be offered an alternative date.
21. All necessary arrangements related to Computers, Internet, Classroom, projector, board, markers etc. will be the responsibility of the Customer.

- 3.3. **Acceptance.** The parties acknowledge and agree that the project schedule for the Services sets forth the specific timelines during which each party shall respond to the other when acceptance of a Deliverable is pending. The following terms set forth (a) the process that each party shall follow with respect to acceptance of a Deliverable, as well as (b) the outermost time limits associated with parties' response to each in the event they are unable to comply with the specific timelines set forth in the project schedule. Each party agrees to respond to the other in a timely fashion when acceptance of a Deliverable is pending. After delivery, Customer shall accept or reject a Deliverable within ten (10) business days. Failure to reject a Deliverable within this timeframe shall constitute acceptance of the Deliverable. Notice of Customer's rejection of the Deliverable shall be provided to SAS in writing and shall specify the nature and scope of the deficiencies. In the case of rejection of the Deliverable, the parties agree to adhere to the following timeframes whenever reasonably possible in order to meet the schedule set forth above: SAS shall use reasonable efforts to respond to Customer within five (5) business days after receipt of the rejection notice describing the manner and timeframe in which SAS proposes to correct any deficiencies, or by actually correcting the deficiencies. In the former case, Customer shall use reasonable efforts to accept SAS' proposal for correcting any deficiencies within five (5) business days after receipt of SAS' proposal. Upon SAS' delivery of the corrected Deliverable, Customer shall use reasonable efforts to accept the Deliverable within five (5) business days. Customer's failure to accept a Deliverable or to accept SAS' proposal for correcting any deficiencies gives SAS the right to terminate the Services and refund the fees paid for all Work Product Customer returns to SAS.

4. Terms and Conditions.

- 4.1. **Ownership of Work Product.** SAS grants Customer a nonexclusive, nontransferable, non-assignable, royalty-free license to use the Work Product only with the Software with which the Work Product operates and only for as long as Customer maintains a license for such Software. Notwithstanding the foregoing, in the event SAS is performing the Services as a subcontractor to Customer for the benefit of the third party identified below ("Client"), Customer may assign its License to such Client. Nothing herein shall be construed as granting Customer a license to any SAS Software, which shall be licensed separately pursuant to a license agreement between SAS and Customer. SAS has no obligation to provide continued support or maintenance for any Work Product or Deliverable. Ownership of the Work Product, including any intellectual property embodied therein, and any techniques, skills, concepts or know-how that are utilized or developed while performing the Services remains with SAS. Prototype systems and sample programs furnished by SAS are designed to help Customer learn to use the Software and for demonstration purposes; they are not intended to be used for production purposes without appropriate Customer testing. Nothing herein shall be construed as granting Customer a license to any SAS Software, which shall be licensed separately pursuant to a license agreement between SAS and Customer.
- 4.2. **Confidential Information.** SAS agrees to use reasonable efforts to prevent any Confidential Information from being revealed to third parties for a period of three (3) years from the date of disclosure. As used herein, the term "Confidential Information" shall mean only that information of Customer provided to SAS in connection with and related to the Services. This restriction does not apply to information which is: (1) generally available to the public; (2) released by Customer without restriction; (3) independently developed or acquired by SAS; or (4) known to SAS prior to receipt from Customer. In the event the Confidential Information must be disclosed pursuant to judicial order or requirement of law, SAS shall make reasonable efforts to notify Customer of such order or requirement. For the purposes of this Section, SAS' subsidiaries and subcontractors performing Services shall not be deemed "third parties." No proprietary source code or individually identifiable information will be disclosed under this Supplement.
- 4.3. **Change Management.** "Change Management" refers to a process for the parties to agree on a change or modification to the scope of Services, and "Change Order" refers to the document reflecting the change or modification. Requests by Customer or SAS for such changes will be made in writing to the other party. SAS will prepare the Change Order, which will contain the following information:
 - a. A description of any additional work to be performed and/or any changes to the performance required of either party.
 - b. A statement of the impact of the work or changes on the Services and the project schedule.

- c. The estimated timetable to complete the work specified in the Change Order.
- d. The estimated time and cost of any additional work associated with the Change Order.

SAS will provide the proposed Change Order to Customer's project manager for review, and if additional fees will be charged, SAS will provide the proposed amendment to this Supplement. Customer's project manager will respond in writing to the proposed Change Order within five (5) business days. Each party must agree in writing to the Change Order. Pending such written agreement (and if additional fees will be charged, execution of the associated amendment), SAS will continue to perform as if such Change Order had not been requested or recommended. If Customer provides its acceptance of the proposed Change Order in writing and, if applicable, executes the proposed amendment, SAS' project manager will update the project plan to reflect the change(s).

- 4.4 Warranties, Disclaimers, Limitation of Liability. SAS warrants that the Services will be performed by qualified personnel in a workmanlike manner and in accordance with the requirements set forth in the Agreement. The exclusive remedy for breach of this warranty is refund of fees paid for the Services at issue. SAS warrants that it has the right to license the Work Product to Customer. The exclusive remedy for breach of this warranty is provided in the section of the MLA addressing SAS' indemnification obligations for intellectual property infringement claims. SAS' indemnification obligations and the disclaimers of warranty and exclusions of consequential damages and limitations of liability contained in the MLA also apply to any Work Product and Services under this Supplement. For purposes of this Supplement only, with respect to SAS' indemnification obligations and the limitations of liability contained in the MLA, the term "Work Product" shall replace "Software," "IPPs," "Micro-IPPs" or any other defined term for the SAS software products licensed under the MLA. The parties acknowledge and agree that Customer may use the Work Product in connection with its work for the Client, or other third parties whom SAS has no contractual relationship. Accordingly, except for claims for which Customer is entitled to reimbursement pursuant to the MLA or this Supplement, Customer shall defend, indemnify, and hold SAS harmless from and against any liability for claims by Client or any other third party arising from use of the Work Product.

- 4.5 Insurance. During the term of this Supplement, SAS will keep the following insurance policies in force:

- 4.5.1 Workers Compensation – Statutory (in the amounts required by applicable state statutes);
- 4.5.2 Employer's Liability – \$1,000,000 per occurrence; bodily injury by accident or disease, including death;
- 4.5.2 Commercial General Liability – \$1,000,000 combined limit per occurrence, bodily injury, personal injury and property damage, including blanket contractual liability; and
- 4.5.4 Automobile Liability (if vehicles are brought on Customer's premises or used in performance of the Services) – \$1,000,000 combined limit per occurrence; bodily injury and property damage covering owned, non-owned and hired vehicles.

SAS will provide a Memorandum of Insurance upon request as evidence of this coverage.

- 4.6 Customer Responsibilities; Equipment, Personnel. Customer is responsible for furnishing facilities, equipment, information and access to Customer personnel required to perform the Services. SAS may subcontract all or portions of the Services. Customer agrees not to solicit for hire any individual who provides the Services to Customer within six (6) months after the Services are performed. Notwithstanding the foregoing, responses to general advertisements in the media or on the Internet or Customer's intranet shall not be deemed to be a solicitation for hire within the context of this Section 4.6.

- 4.7 General. This Supplement constitutes a separate agreement between Customer and SAS incorporating the terms of the MLA. This Supplement, the MLA and invoices arising under them are the parties' complete and exclusive statement relating to their subject matter. Modifications must be in writing, signed by both parties, and specifically reference the MLA. Obligations in the MLA or this Supplement that by their nature are continuing survive termination or expiration. Additional or different terms on current or future Customer or third party purchasing documents are expressly objected to and rejected. With respect to the Services provided hereunder, the terms of this Supplement add to the MLA and supersede any conflicting or inconsistent terms in the MLA.

The individuals signing below represent they have authority to bind the named parties to this Supplement.

Accepted by:

Customer: Guru Nanak College

SAS Institute (India) Pvt. Ltd.

GEN. SECRETARY

GURU NANAK EDUCATIONAL SOCIETY (R)

By

Authorized signature

By

Authorized signature

Name

MR. MANJIT SINGH NAYAR

Ketan Paranjape

Name (type or print)

Director Finance

Title

GENERAL SECRETARY & CORRESPONDENT

Title

On

Date

14.06.2021

DENT

Date

MOU GNES and SAS Institute India PVT (LTD)

- 1. Activity Done : SAS Lab for the B.Sc. Data Analytics Students**
- 2. Organization Name : SAS Institute India PVT (LTD)**
- 3. Category : Students of Guru Nanak College**
- 4. Department : Guru Nanak Centre for skill Development**
- 5. Date : 14-06-2021**
- 6. No. of Participants : 50**
- 7. Beneficiaries : B.Sc. Data Analytics Students**
- 8. No. of Resource Persons:-: 1**
 - (i) Mr Shubam**

Report Description –

This Memorandum of Understanding was signed between Guru Nanak centre for skill development (GNCSD) and SAS Institute India PVT (LTD) on 14th June 2021. This MOU has facilitated the students of B.Sc. Data Analytics to get trained on the SAS Platform in the cloud platform and this program will be expanded to other degree courses as the certification course. Corporate trainers from SAS are deployed from the organization for the effective training. Also, this Hands of training will help the students for the placement in the areas of Data Science and Analytics. The centre has planned to conduct FDP for the staffs to train them on Data Analytics.

Details about SAS given in the College Prospectus

B.Sc. Data Analytics

ADVANTAGES OF DOING THE DATA ANALYTICS

COURSE AT GURU NANAK COLLEGE

- Memorandum of Agreement (MOU) signed with Statistical Analysis System (SAS) and Europe India Foundation of Excellence (EIFE).
- SAS Integrated curriculum with Hands on Training in SAS Environment.
- Experienced Faculties from corporates.
- High demand for analytics professionals
- Academia and Corporate skill gap will be bridged.
- High Salaries for the Analytic professionals.
- Data Analytics is a top priority in lot of organizations.
- Flexibility of working in any sector.
- Structured learning approach
- Industry-recognized credentials (International certifications in Data Analytics)
- A blended approach using SAS and open-source technologies.
- Around-the-clock access to SAS software and course materials during the program
- SAS consults and updates the syllabus for the college by giving latest industry trends, thus improving the quality of placements both in India and abroad.
- SAS Institute will mentor students to complete global certification program.

Hands on Training will be provided by SAS in the areas such as Programming for Analytics, Big Data Management, Applied Statistics and Time Series Modelling, Applied Data Mining and Machine Learning, Optimization and Text Analytics.



MEMORANDUM OF UNDERSTANDING

BETWEEN

GURU NANAK EDUCATIONAL SOCIETY
(GNES)

AND

NASSCOM/IT-ITeS SECTOR SKILLS COUNCIL NASSCOM

FOR

UNDERTAKING SKILL DEVELOPMENT TRAINING
IN EMERGING TECHNOLOGIES

This Memorandum of Understanding (MoU) is made on 23rd day of September of the year 2021

BETWEEN

Guru Nanak Educational Society (GNES) having its head office at Guru Nanak Educational Society, Guru Nanak Salai, Velachery, Chennai 600042 India, represented by Mr. Manjit Singh Nayar, General Secretary & Correspondent, GNES (hereinafter referred to as **GNES**) which expression shall, unless repugnant to the context or meaning thereof, include its successors, executors and administrators in office, legal representatives and permitted assigns on the **FIRST PART**.

AND

National Association of Software and Service Companies having its head office at the NASSCOM Plots 7-10, Sector 126, Noida, UP – 110021, India (hereinafter called "**NASSCOM/SSC NASSCOM**"), represented by its 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 **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.

Whereas Guru Nanak Educational Society (GNES) was established in 1971 to commemorate the 500th birth anniversary of Shri Guru Nanak Dev – the founder of the Sikh religion. The noble mission of the GNES is to provide quality education to all, irrespective of socio-economic background, caste, creed or religion. This is in keeping with the motto of the College 'Pro Bono Publico' which is a translation of Sikh prayer 'Sarbat ka bhalla' meaning for the 'Benefit of All'.

GNES and **NASSCOM/SSC NASSCOM** will hence forth be referred to collectively as the Parties.



THE MoU WITNESSED AND THE PARTIES HERETO AGREE AS FOLLOWS;

I. PREAMBLE / BACKGROUND / OBJECTIVE

Government of India under the aegis of Ministry of Electronics and IT has joined hands with NASSCOM as a team India effort to make India a global hub for skilled talent on emerging technologies. **FutureSkills PRIME** is an aggregator model platform built with an aim to reskill & upskill candidates/individuals in emerging technologies with an objective to create India's Digital Talent Stack that will propel India into a leadership position in the digital world.

FutureSkills PRIME platform is designed as a resource for all learners to not only develop digital fluency in new-age technologies but also build advanced skills by getting certified on industry defined & IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM) validated skills on both emerging technologies and professional skills.

II. PURPOSE

1. The objective of this MoU is to undertake relevant skills upgradation via training program/s in the emerging technologies for the candidates/ students & faculty/ staff of GNES.
 - a. To encourage any-time, any-where, continuous self-paced learning for acquiring newer and industry relevant skill sets, build digital fluency on emerging technologies & professional skills through the availability of bite sized micro learning content.
 - b. To provide a diagnostic facility that offers aspirants/candidates an analysis of their aptitude and capabilities so that they can be guided on learning pathway options.
 - c. To provide a novel framework and an inclusive 'one stop up-skilling/ re-skilling solution' in new and emerging IT technologies that envisages a paradigm shift in the existing value chain through synergistic efforts of all stakeholders.
 - d. To motivate and create value at every step through innovative mechanisms such as 'skills passport', 'skills wallet', 'badges' etc. based on the aspirant's effort in their skilling journey.
 - e. The Company/University/College etc will also work internally to build their internal talent pool by encouraging employees/students & faculty/staff members to complete more badging and certifications.

All the above will also work towards making India as a digital talent hub.

2. This engagement aims to implement short-term awareness and skill competency development programs including Foundation and Deep Skilling courses (both free and paid) in the emerging technologies area.
3. This intervention aims to equip the candidates/students & faculty/staff members with specific skills that are important in today's context. The learning intervention will keep them updated with the key trends / challenges faced in today's digital ecosystem.

III. GENERAL PROVISIONS

1. This memorandum will set-up general conditions for co-operation in up-skilling / skill-based training and that the Parties intend to use it as a framework to continue their co-operation.
2. The Parties intend to coordinate and focus their efforts on co-operation within the area of the identified upskilling /skill development intervention(s) across the GNES.
3. The terms of co-operation / directions will be defined collectively during negotiations. The Parties through mutual effort will try to establish long term and beneficial co-operation.

IV. IMPLEMENTATION OF THE MEMORANDUM

To ensure the implementation of this MOU, through the identified SPOC/s from the GNES.

1. The progress of the identified outcomes of cooperation for all the joint upskilling and awareness-oriented Skilling & Upskilling initiatives in the emerging technologies including areas like professional skills. Preparation and implementation of upskilling plans by the Parties concerned w.r.t. the candidates/ students and faculty/staff of GNES.
2. Coordination and implementation with GNES, IT-ITeS Sector Skill Council NASSCOM and all the other key stakeholders for upskilling the targeted beneficiaries in skill-based training program w.r.t. emerging technologies and related professional skills.
3. Discussion on other issues pertaining to the implementation of this Memorandum.
4. Monitoring and evaluation of all on-going initiatives.
5. Branding and awareness of skilling initiatives on emerging technologies.

V. ROLE AND RESPONSIBILITIES OF GNES

1. **Mobilization of beneficiaries** – To take up the responsibility of mobilization of candidates /students & faculty/Staff for enrolment in the skilling and upskilling program. GNES shall coordinate with all associates (as applicable) to create a pool of trainees/beneficiaries/candidates for this program.
2. **Onboard** - a minimum of 500 candidates on to the FutureSkills PRIME platform. GNES will share the data in the predefined agreed format indicated in Annexure-1 and will also instruct candidates/students & faculty/staff to sign-up on FutureSkills PRIME.
3. Share SPOC details for coordination and facilitation.
4. Publish required Circulars/ Notifications advising about the Mission and vision agreed upon.
5. Extend all required support to co-ordinate with various offices/facilities if applicable.
6. Review the analytics reports and drive the common objective of building India's future ready workforce.
7. Responsibility to seek approval from relevant candidates to share their details on platform.

VI. ROLE AND RESPONSIBILITIES OF NASSCOM/SSC NASSCOM

1. Facilitate the candidates/students & faculty /staff to register on NASSCOM's FutureSkills PRIME online platform.
2. Provide access to usage analytics. However, this is subject to the consent received from the candidate/s to share their details.
3. Offer via FutureSkills PRIME platform the learning content that match industry standards and are periodically updated.

4. Enable diagnostics, badging and assessments to learners.

VIII. MONITORING

1. Monitoring the implementation of the deliverables of this MoU will be the responsibility of GNES.
2. Parties will periodically collaborate to monitor the implementation of the MoU as per the agreed to timelines.

IX. CO-BRANDING GUIDELINES

1. Cobranding guidelines are an arrangement between NASSCOM/SSC NASSCOM and GNES. These guidelines shall apply to all uses of FutureSkills PRIME and NASSCOM/ SSC NASSCOM marks as defined herein and are currently effective as GNES has agreed to these and up to the terms thereof.
2. By using any FutureSkills PRIME, NASSCOM/ SSC NASSCOM Trademarks, GNES acknowledges that NASSCOM/ SSC NASSCOM is the sole owner of the Trademarks and agreeing not to interfere with NASSCOM/ SSC NASSCOM's rights in the Trademarks, including challenging NASSCOM/ SSC NASSCOM's use, registration of, or application to register such Trademarks.
 - a. GNES agrees that GNES will not harm, misuse, or bring into disrepute any NASSCOM/ SSC NASSCOM Trademarks and that the goodwill, if any, derived from your use of any NASSCOM/ SSC NASSCOM Trademarks exclusively inures to the benefit of and belongs to NASSCOM/ SSC NASSCOM.
 - b. GNES may not use any NASSCOM/ SSC NASSCOM Trademarks in metatags, search fields, hidden text, or any other form that has the purpose or effect of diverting or confusing consumers without NASSCOM/ SSC NASSCOM's prior written permission.
 - c. Other product names or trademarks, including those appearing on NASSCOM/ SSC NASSCOM's websites, that are not owned by NASSCOM/ SSC NASSCOM are for identification purposes only and may be the registered or unregistered trademarks of their respective owners.
 - d. No license or right is granted to GNES by NASSCOM/ SSC NASSCOM by implication, estoppel or otherwise to any such third-party names or trademarks or to the NASSCOM/ SSC NASSCOM Trademarks hereby.
3. **Branding:** GNES can co-brand with the NASSCOM/ SSC NASSCOM Trademarks internally/externally after the due approval in written on Logo (positioning, placement, design etc) and messaging from NASSCOM/SSC NASSCOM.

4. NASSCOM would seek permission from GNES before using the GNES logo for any PR activity.

X. MISCELLANEOUS PROVISIONS

1. This Memorandum of Understanding (MoU) as outlined in this document is not intended to be a legally binding document. Rather, it is meant to describe the nature and cooperative intentions of GNES and NASSCOM/SSC NASSCOM to suggest guidelines for cooperation. Nothing, therefore, shall diminish the

full autonomy of any Party, nor any constraints be imposed by either upon the other, and nothing in this agreement shall be deemed to create a joint venture, or agency relationship between the Parties.

2. Any other matter not included in the MoU which is necessary for the smooth functioning of the Scheme shall be finalized between GNES and NASSCOM/SSC NASSCOM on mutually agreed terms and conditions.
3. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is allowed only, after seeking explicit prior permission in writing of the owner Party concerned.
4. Amendments to this MoU will be only basis mutual consensus and the written consent (duly signed) of all the Parties concerned. Additions, deletions and/or alterations to this MoU may be affected with the written agreement of all the Parties to this MoU concerning the said changes. Documents containing such additions, deletions and/or alterations and signed by both the Parties shall form addenda to this MoU and be deemed to be part of this MoU.
5. The Memorandum of Understanding is not intended to create any legal relation of employer-employee or of principal and agent relationship amongst the Parties.
6. This Memorandum of Understanding shall remain valid for a period of 3 years from the date of its signing and can be extended on mutual terms and conditions. Through this Memorandum of Understanding GNES and NASSCOM/SSC NASSCOM affirm their commitment to fulfil and achieve the objectives mutually agreed upon in its Memorandum of Understanding.
7. Termination - this MoU can be terminated by either one of the Parties after serving 1(one) month notice to other Party in writing if there is failure/breach of understanding or default by any one of the Parties concerned.
8. This is a non-commercial MOU between both the Parties; however, any individual student subscribing for individual courses/programs at cost as declared eligible for subsidy will be addressed only by the concerned individual/subscriber. GNES will have no implication or responsibility on payments/subsidy thereof w.r.t. registered candidates/beneficiaries i.e. Subscribers.
9. Confidentiality
 - a. Subject to Clause b below, Parties agree that they will keep all information in pursuant to this MoU confidential and shall not disclose to any third person any confidential information with respect to the MoU and program hereunder
 - b. Exceptions: Any Party may disclose Confidential Information:
 - to the extent to which it is required to be disclosed pursuant to applicable law;
 - to the extent to which it is specifically permitted by other Party in writing;
 - to the extent that the confidential information is publicly available (other than as the result of a breach by such Party of its confidentiality obligation under Clause 9 above);



- to its employees and professional advisors, but only to the extent necessary and subject to such employees and professional advisors accepting an equivalent confidentiality obligation to that set out in this Clause 'Confidentiality'.

Through this Memorandum of Understanding GNES, and NASSCOM/SSC NASSCOM affirm their commitment to fulfil and achieve the objectives mutually agreed upon.


Signed this Memorandum of Understanding on this 23rd day of September of the year 2021.

<p>For and on behalf of GNES</p> <p>Address: Guru Nanak Educational Society, Guru Nanak Salai, Velachery, Chennai 600042</p> <p> Signature Mr. Manjit Singh Nayar, General Secretary & Correspondent GNES</p> <p>STAMP General Secretary and Correspondent Guru Nanak College Velachery, Chennai-600 042</p> <p></p>	<p>For and on behalf of NASSCOM</p> <p>Address: Plots 7-10, Sector 126, Noida, UP – 110021</p> <p> Signature Dr Sandhya Chintala Executive Director IT- ITeS Sector Skills Council NASSCOM</p> <p>STAMP </p>
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7 | Page


Annexure-1

A. Format for University/College



Ministry of Electronics and
Information Technology
Government of India





A MAHATMA NASSCOM Digital Skill Training Initiative

Student Details for College/ University
Fields in Red are Mandatory

(A) Kindly refer to the Important Notes before filling

SNo	Roll Number	First Name	Last Name	Email ID (preferred with college domain, if available)	Department/ Stream	College	University (where applicable)	User Type (Student / Teacher / Staff)
<small>Example Programme below</small>								
1	WE250957	Akanksha	KUMAR	akanksha@college.com	Computer Science	ABC	XYZ	Student

B. Format for a Company

S No	Employee Number	First Name	Last Name	Email ID (preferred with company domain, if available)	Department	Organisation	Parent Organisation (where applicable)	User Type (Permanent / Contract)
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* the fields marked in red are mandatory and non-negotiable

MOU GNES and NASSCOM

- 1. Activity Done : Future Prime Skills Training**
- 2. Organization Name : NASSCOM-IT / ITES Sector Skill Council**
- 3. Category : Students of Guru Nanak College**
- 4. Department : Guru Nanak Centre for skill Development**
- 5. Date : 23rd September 2021**
- 6. No. of Participants : 4014**
- 7. Beneficiaries : 2nd and 3rd students of UG and PG**
- 8. No. of Resource Persons:-: 2**
 - (i) Bodhijit Ray**
 - (ii) Rohan**

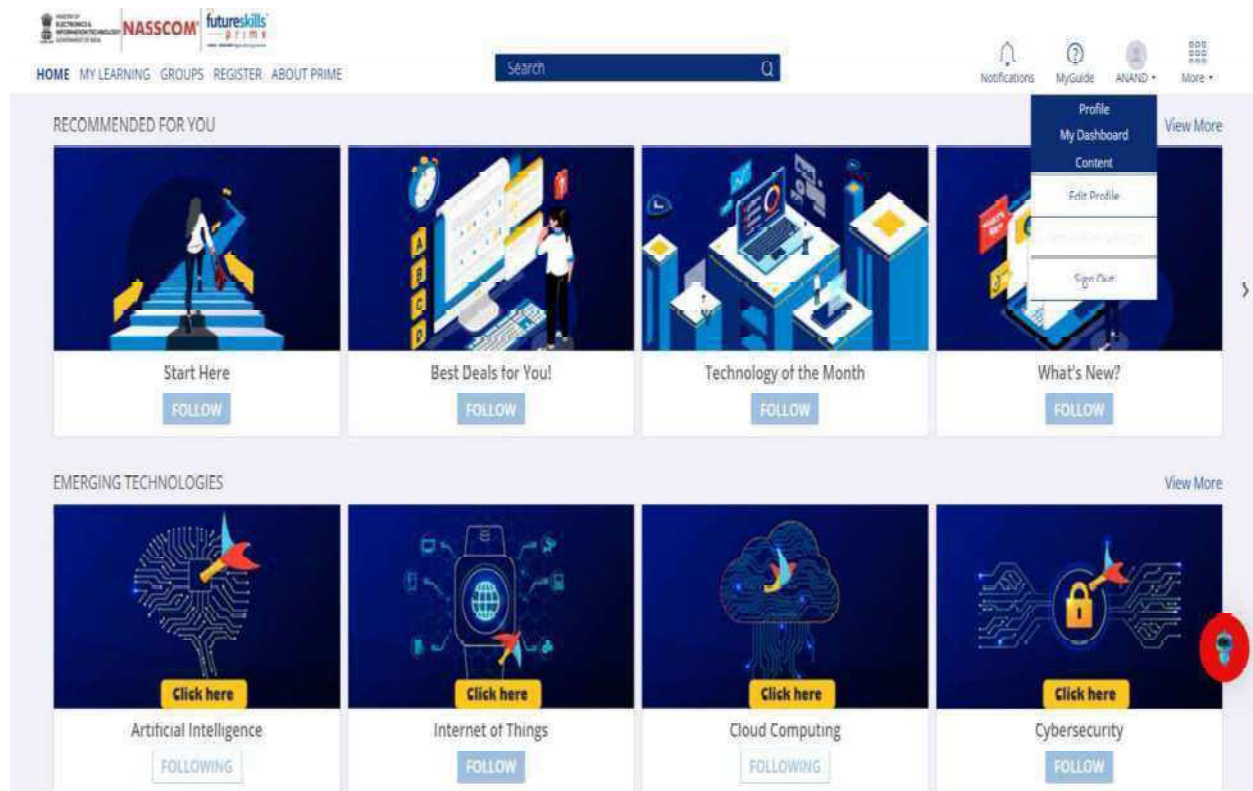
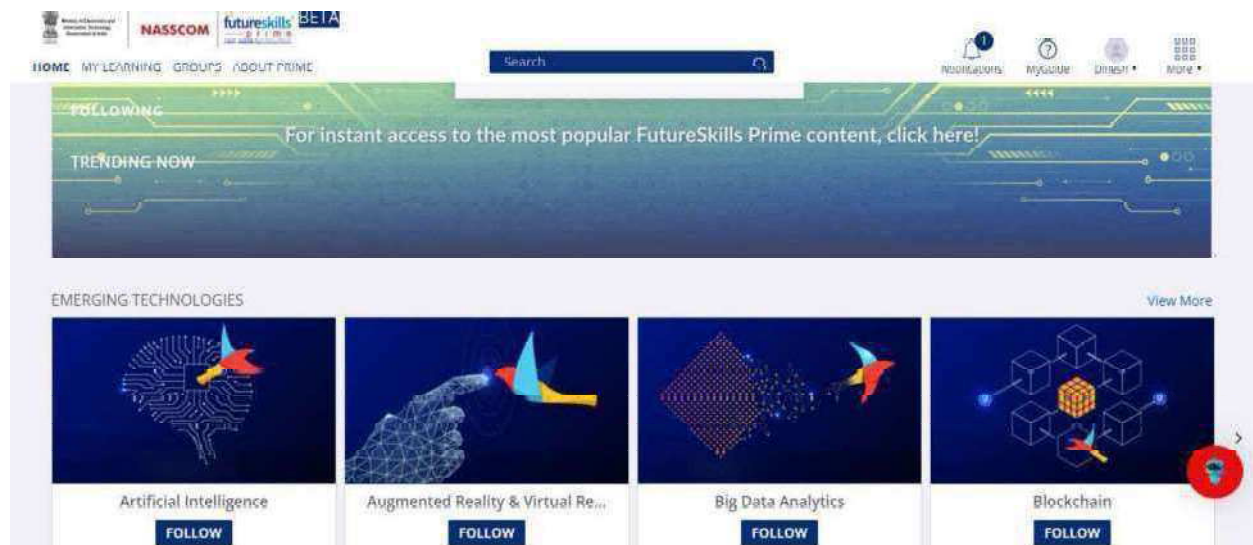
Report Description –

This Memorandum of Understanding was signed between Guru Nanak Educational Society (GNES) and National Association of Software and Service Companies (NASSCOM) on 23rd September 2021. This MOU has facilitated the Guru Nanak Centre for Skill Development to provide online self-placed and direct training to all the students and the faculty members of the college. Corporate trainers from companies associated with NASSCOM will be deployed to provide training to staffs and students. Hands of training in the cloud labs will help the students for the placement and to be an entrepreneur. All the 2nd and 3rd Students of all the disciplines will be benefitted. Also, an awareness program was conducted that has given the students for better understanding of this portal.

Signing of MOU between – GNES and NASSCOM



Online self-placed training by NASSCOM Future Prime Skills





महाराष्ट्र MAHARASHTRA

2021

BH 876481

प्रधान मुद्रांक कार्यालय, मुंबई
प.मु.वि.क्र. ८००००९४
16 NOV 2021
सक्षम अधिकारी

श्री. सी. टि. आंबेकर

Memorandum of Agreement

This Agreement ("Agreement") is made and executed on this Tuesday day of 30th November, 2021 at Chennai

BETWEEN

The Guru Nanak College, a college having its campus at Guru Nanak Salai, Anna Garden, Velachery, Chennai, Tamil Nadu 600042, (hereinafter referred to as "**College**") represented through Mr. Manjit Singh Nayar, who is duly authorised to enter into and execute this Agreement on behalf of the College, of the **First Part**;

AND

NSE Academy Limited, a company incorporated under the Companies Act, 2013 and having its registered office at Exchange Plaza, Bandra-Kurla Complex, Bandra (East), Mumbai 400051; (hereinafter referred to as "**NSE Academy**" or "**NAL**"), which expression shall, unless repugnant to the context or meaning thereof, means and includes its representatives, successors and permitted assigns) of the **Second Part**.

The College and NSE Academy shall hereinafter also collectively be referred to as the "**Parties**" and individually as the "**Party**"



123 NOV 2021

जोड़पत्र - 2 Annexure - II

AGREEMENT

123 NOV 10 YES/NO

NSE ACADEMY LIMITED
 EXCHANGE PLAZA, C-1 BLOCK G,
 BANDRA KURLA COMPLEX,
 BANDRA (E), MUMBAI - 400051.

ACADEMY LINE
CHANGE PLAZA, C-1 BL
SANDRA KURLA COMPLEX,
SANDRA (E), MUMBAI - 400061.

See Sansam Bas College

सागर जंगलियाय माने, मुंबई
 ३. विमान नंतरच तो एक वेळी राहिला, मुंबई
 ४. अशाचच आपण दोघांसाठी, ऑप, बँक वि.
 ५. खुशकि करतो केवळ रक्षणी त्या कारणासाठी
 ६. पुन ४ वर्षांपेक्षा वाढतच येथेनंतरक आहे.

बुद्धिमान् . अ . वि . वि



महाराष्ट्र MAHARASHTRA

2021

ZC 875914

प्रधान गुवांक कार्यालय, मुंबई
प.मु. नि. क. १००००९४
22 OCT 2021
सक्षम अधिकारी

WHEREAS,

- (A) **The College** in a lush green 25-acre campus, cradled between the Raj Bhavan and the campus of the IIT-Madras, facing the Guru Nanak Salai, is located in Velachery, South Chennai – the gateway to the IT expressway of Tamil Nadu. Guru Nanak College was established in 1971 to commemorate the 500th birth anniversary of Shri Guru Nanak Devji – the founder of the Sikh religion, by the Guru Nanak Educational Society (GNES). The noble mission of the GNES is to provide quality education to all, irrespective of socio-economic background, caste, creed or religion. This is in keeping with the motto of the College 'Pro Bono Publico' which is a translation of Sikh prayer 'Sarbat ka bhalla' meaning for the 'Benefit of All'. There are 28 UG, 9 PG and 10 Ph.D. programmes, 27 skill/value added certificate courses, catering to strength of 6823 students on campus across two shifts.
- (B) **NSE Academy Limited** a wholly owned subsidiary of National Stock Exchange of India Limited (NSE) which carries out a number of educational initiatives such as certification programs, investor seminars, development of educational materials on financial markets etc. **NSE Academy** promotes financial literacy and skill oriented financial markets courses. NSE Academy has also introduced an online examination system for testing and certification called NSE Academy's Certification in Financial Markets (hereinafter referred to as "NCFM").
- (C) The College and NSE Academy are desirous of collaborating each other for the purpose of evolving a new academic discipline in financial markets management by offering specific courses to the Students.
- (D) The Parties have appreciated each other's objectives in promoting excellence in education in common area of interest and are desirous of entering into an Agreement for the aforesaid purpose.

[Signature]



[Signature]

Now, therefore, in consideration of the foregoing and the mutual covenants set forth herein, the Parties hereto agree as follows:

1. DEFINITIONS

The following expressions shall have the following meanings:

1.1 "Confidential information" means and includes:

- any of a party's proprietary technology and/or software in all versions and forms of expression, whether or not the same has been patented or the copyright thereto registered, is the subject of a pending patent or registration application, or forms the basis for a patentable invention;
- any manuals, notes, documentation, technical information, drawings, diagrams, specifications, or formulas which are not intended for distribution to or use by end-users or know-how related to any of the foregoing;
- any information regarding current or proposed products, customers, contracts, business methods, financial data or marketing data which are not intended for distribution to or use by end-users.
- any other written information that is clearly marked or designated as confidential or proprietary by such party; and
- Any unwritten information that is identified by such party as confidential at the time of disclosure.
- Without prejudice to the above, any information exchanged between the Parties during the subsistence of this Agreement for the purposes of this Agreement.

1.2 "NSMART" is NSE Academy's trading simulator. It is an application that simulates market trading and reproduces features of a live equity/derivative/currency derivative market on trading terminals for its users to practice and learn trading securities without financial risk.

1.3 "Programme(s)/Course(s)/course" means the courses enlisted under Annexure 1 and 2 of this Agreement that will be offered by the College to the Students.

1.4 "Programme fee/Course Fees" means the cumulative fees collected by the College from each of the Student(s) (including NCFM examination fees) for the said Programme(s) offered to Student(s) pursuant to this Agreement.

1.5 "NSE Academy Material/Content/Material" means and includes NSAMRT and any/all the educational material in the form of workbooks etc. provided by NSE Academy to College for the Programme(s) as per Annexures, including but not limited to printed copies but may also include eLearning platforms such as CD-based/ LAN-based/ Web-based Learning, Webinars, Podcast, Video-Conferencing System, TV Channels, Radio, referred sources etc.

1.6 "Student(s)/Participant(s)" means the student(s) of the College who shall be registered and enrolled for the purposes of the Programme(s).

1.7 "Faculty" means a person authorised by the College to teach theory or practical at College in on line teaching, face to face teaching, mentoring etc. for facilitating the learning process of the student of the Programme(s).

1.8 "Counsellor/Trainer" means a person authorised by NSE Academy for online/test counselling the student(s) at the College, including assistance and Programme implementation on day to day basis.

1.9 "Knowledge Centre" means the centre established by NSE Academy at the premises of the College wherein the NSMART shall be installed and the Programme(s) shall be provided by NSE Academy for the Students.

2. OBJECTIVES

- 2.1 To develop and establish the Knowledge Centre at the College's campus to offer various Programme(s) jointly by the College and NSE Academy ("Project").
- 2.2 The Degree for the said Programmes will be awarded solely by the College according to its rules and regulation.



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- 2.3 The Course completion certificates will be provided as mentioned in Annexure 2.
- 2.4 NSE Academy will provide NSE Academy Materials and will also provide academic and technical assistance to the Faculty of the College for conducting the said Programmes.
- 2.5 NSE Academy shall facilitate College to organize NCFM exam at the Knowledge Centre.

3. SCOPE OF THE AGREEMENT

Based on the terms and conditions as may be mutually agreed upon between the Parties from time to time, both the Parties agree as follows:

- 3.1 The eligibility, admission procedure, and selection of the Students for enrolling for the Programme(s) shall be as decided by the College. The procedure shall be intimated by College to NSE Academy before implementation.
- 3.2 The admission for the Programme(s) under reference will be held on the basis of detailed procedure given in the prospectus (Admission Brochure for the relevant academic year) by College.
- 3.3 The administration of the Programme(s) and its examination shall be conducted in the manner as provided herein below:
 - 3.3.1 College shall administer the Programme(s) through its campuses, collect Programme Fees and incur expenses in programme administration such as faculty cost, infrastructure etc., as the case may be. The programme administration includes teaching of all papers (including NSE Academy Materials as provided in Annexure 2), conduct of examination, evaluation, assessment, internal and final semester examination, issue of marks/grade and award of degree as per procedure and guideline(s) of the College.
 - 3.3.2 Students shall be provided with additional NCFM certificates on successfully completion of NCFM examination by NSE Academy. The NCFM exams will be held in College Campus(es).

4. PROJECT CO-ORDINATOR

Project Co-ordinator: Both College and NSE Academy will nominate a Project Co-ordinator each, as a single point of contact, on behalf of College and NSE Academy to coordinate the launch and successful implementation of the Programme(s).

5. RIGHTS AND OBLIGATIONS OF THE PARTIES

The rights and obligations of College and NSE Academy are given below. This is an indicative list mainly to suggest area of responsibility of each party. College and NSE Academy may take up additional responsibilities, as may be mutually agreed between the Parties in writing, to ensure the success of the Programme(s).

5.1 Rights & Obligations of College

- 5.1.1 College shall provide all the relevant information, guidelines and data to NSE Academy to give effect to the Project, scope and purpose of this Agreement within agreed timelines of launching the Programme(s).



Handwritten signature

- 5.1.2 College shall admit the Students and confirm admissions and registrations of the Students to NSE Academy in writing within 15 days of admission. In addition, College shall issue enrolment numbers and ID cards to the Students. The College hereby agrees and confirms that it shall furnish all relevant details and information pertaining to the Students as may be required by NSE Academy.
- 5.1.3 College shall conduct the Programmes and the NCFM examinations. The details of the programs are provided in Annexure 1.
- 5.1.4 College shall ensure that the NCFM examinations are conducted online by NSE Academy and shall be carried as per the 'Code of Conduct for NCFM examination', as amended/modified/updated, from time to time, and as provided by NSE Academy
- 5.1.5 College hereby acknowledges that NSE has in the past and will continue in the future, to put in various efforts in the development of the capital markets in India and in spreading awareness and knowledge of investing in capital market, for which it has incurred significant costs over a period of time. In an effort to further enhance the visibility of investing in capital markets in India and in an attempt to make the younger generation of Indians aware of the advantages and merits in investing in the Indian capital markets, NSE has formed its subsidiary NSE Academy to carry out this initiative and NSE Academy has decided to enter into the transaction contemplated under this Agreement. In view of this and the mutual benefits which the Parties will derive by being associated with each other in this endeavour, College, voluntarily agrees to acknowledge that this collaboration with NSE Academy is on an exclusive basis from the date of this Agreement and that the College will neither associate itself nor undertake, directly or indirectly any work of any nature that is in direct or indirect competition with or is detrimental to the Programme or interests of NSE/ NSE Academy during the validity of this Agreement, without NSE Academy's prior written consent. However, nothing in this Agreement shall prevent NSE Academy from undertaking similar initiatives with third parties not privy to the Agreement but in dealings further

5.2 Rights & Obligations of NSE Academy:

- 5.2.1 NSE Academy shall provide the NSE Academy Materials to College in order to enable College to distribute to the Students. The NSE Academy Materials may be updated by NSE Academy from time to time.
- 5.2.2 NSE Academy shall provide training and expertise for its NSE Academy Material which are included in the said Programme as specified by the College.
- 5.2.3 NSE Academy shall be entitled to receive fees in accordance with the terms and conditions of this Agreement.
- 5.2.4 NSE Academy may provide contents in digital/ printed format or may use relevant software of the third parties to deliver the NSE Academy Materials, wherever required.
- 5.2.5 NSE Academy may provide panel of competent financial market professionals as guest / visiting faculty, whose services may be utilized directly by College on payment of mutually agreed fees as specified by the College.
- 5.2.6 NSE Academy is entitled to conduct an inspection of the Program(s) of the College to ensure teaching standards and quality are maintained provided that a prior notice in this regard is provided to the College.

5.3 Joint Rights and Obligations of College & NSE Academy



- 5.3.1 NSE Academy and Collogo may organize informative seminars, road shows etc. to popularize the Programme(s). They may undertake jointly or standalone such activities which are incidental to the successful implementation of the Programme(s). Both the Parties shall each provide appropriate staff for providing administration and marketing of the programme(s). The Expenses for the same shall borne as mutually decided by the Parties.
- 5.3.2 Since financial markets are dynamic in nature, NSE Academy reserves the right to update the curriculum of NSE Academy papers in line with the industry trends, College will ensure academic updating of the curriculum by completing necessary administrative formalities with relevant authorities.
- 5.3.3 College shall depute invigilator for NSE Academy to conducting online NCFM exams.

6 INTELLECTUAL PROPERTY RIGHTS

- 6.1 Neither party during the course of performance of this Agreement desire nor intend to transfer any intellectual property rights whatsoever with respect to any information that is proprietary.
- 6.1 College shall take prior written consent and approval from NSE Academy before using or displaying NSE Academy's name or logo or any other Intellectual Property Rights (as defined below) pertaining to NSE Academy in any form whatsoever, including in any form of communication, advertisement, publicity material, on their website/webpage, brochures, etc. Similarly, NSE Academy shall not use the name or logo of the College in any advertisement, publicity materials or website without the express written consent of the College.
- 6.2 The Parties acknowledge that they will not acquire any right, title, or interest in either party's trademarks, trade names, service marks, copyrights, patents, ideas, concepts, designs, specifications, models, processes, software systems, technologies, and other intellectual property owned or developed by either party (collectively, "Intellectual Property Rights").
- 6.3 All right, title and interest in and to all Intellectual Property Rights in the NSE Academy Materials including NSMART shall vest with NSE Academy only. College shall not use the NSE Academy Materials except to the extent as specified under this Agreement and shall not share NSE Academy Materials with any third party. Further, it is clarified that NSE Academy will be using NSE Academy Materials for distribution at its discretion pursuant to any arrangement with any other institution or third party within or outside India.

7 Usage of NSE Academy Materials

- 7.1 Subject to the terms and conditions of this Agreement, NSE Academy hereby grants to the Students during the Term of this Agreement, a non-exclusive, non-transferable, limited and personal right to use the NSMART and other content at the Knowledge Centre only during the term of this Agreement. At the end of the Term or early termination of the Agreement, the grant of right to use such Materials will expire automatically and with immediate effect. The terms and conditions of the right to use the Materials shall be governed by the provisions as mentioned here under this Agreement.
- 7.2 The grant of right to use the NSE Academy Materials is for the Student's internal and non-commercial use thereafter.



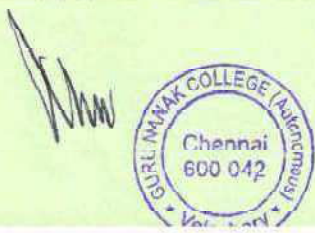
- 7.3 College acknowledges and accepts the NSE Academy's representation that NSE Academy has the title and ownership of the NSE Academy Materials provided by it.
- 7.4 This right to use NSE Academy Materials by the College the Students does not convey any proprietary interest / ownership in such Material in favor of the College and the Students in any manner whatsoever.
- 7.5 The College and the Students shall not use NSE Academy Materials or any information obtained or derived from the NSE Academy Materials for any other business /commercial gain by creating a computer program or through any other mode/means to compete with the Materials.
- 7.6 The College, and/or the Students acknowledges that NSE Academy Materials are commercially valuable proprietary product of NSE Academy and has involved expenditure of substantial amounts of money, which affords a commercial advantage over its competitors, and that loss of this competitive advantage due to unauthorized use or disclosure of the proprietary information would cause great injury or harm and irreparable loss to the NSE Academy.
- 7.7 The grant of use the NSE Academy Materials provided in this Agreement does not in any way imply that the College, Affiliate College and/or the Students have the right to receive, or that NSE Academy has any obligation to provide, any technical or maintenance support for any other product procured by the College for their purposes unless otherwise expressly agreed upon.
- 7.8 The College acknowledges that it will adhere to the Brand Guidelines, General Advertising Policy and General Code of Conduct of NSE Academy, as may be shared by NSE Academy with the College.

8 VALIDITY AND RENEWAL

The Agreement shall be deemed to have come into effect from the date of signing the agreement i.e. from 30th November 2021 and shall continue to be operative for a period of 3 years and can be renewed further on mutually agreeable terms and condition of both the Parties.

9 TERMINATION

- 9.1 This Agreement may be terminated (i) by mutual consent of the Parties by giving a 90 days' notice period or (ii) immediately by a written notice by the non-defaulting Party in the event the other Party commits a material breach of the Agreement and is unable to cure it within 30 days after receiving a written notice; or (iii) immediately if College ceases to be an College or is in violation of any applicable laws.
- 9.2 This Agreement may be terminated at any time by either party with 60 days written notice to the other without assigning any reason whatsoever.
- 9.3 Any termination under the above clauses shall not affect the rights and obligations of the Parties accrued prior to termination and the Parties shall be entitled to exercise their rights and be obliged to fulfil their obligations under this Agreement which had arisen prior to such termination.



Signature

9.4 In the larger interest of the students' future at stake, any termination of this Agreement, will not relieve the parties of their obligations specified in this Agreement for a period of three years after such termination or till the enrolled Students complete their respective course; whichever is earlier; provided the Students clear their examinations, clear all financial transactions and continue to fulfil the norms of the College and NSE Academy.

9.5 Notwithstanding any termination or expiration of this Agreement, the rights and obligations under clauses 'Confidentiality', 'Intellectual Property Rights', 'Indemnity' and 'Representations and Warranties' shall survive and continue and shall bind the parties and their legal representatives, successors and assigns.

10 AMENDMENT

No Amendment for change hereof or addition hereto shall be effective or binding on either of the Parties hereto unless set in writing and executed by the respective duly authorized representatives of each of the Parties hereto.

11 NO LIABILITY OR AUTHORITY

11.1 Nothing in this Agreement shall give either Party any rights to use any trade names or trademarks or any service marks (or the goodwill associated therewith) which are used by the other, save as may be authorised by the later in writing.

11.2 Neither party shall be liable to the other for special, indirect or consequential losses or damages incurred or suffered by the other party arising as a result of or arising out of this Agreement whether in contract, tort or otherwise, even if the other has been advised of the possibility of such loss or damages.

12 FURTHER ACTS AND ASSURANCES

Each of the Parties agrees to execute and deliver all such further instruments and to do and -perform all such further acts and things, as shall be necessary and required to carry out the provisions of this Agreement.

13 MATTERS NOT PROVIDED IN

If any doubt arises as to the interpretation of the provisions of this Agreement or as to matters not provided therein the Parties to this Agreement shall consult with each other for each instance and resolve such doubts in good faith.

14 GOVERNING LAW

This Agreement shall in all respects be governed by and construed in accordance with the laws of India as applicable from time to time.

15 DISPUTE AND JURISDICTION

15.1 If any dispute of difference of any kind whatsoever may arise between the Parties in connection with or arising out of this agreement, NSE Academy and College shall attempt for a period of 30 days after receipt of notice by the



Handwritten signature

other Party of the existence of a dispute to settle such dispute in the first instance by mutual discussions between the Parties.

- 15.2 All disputes, differences or questions arising out of this Agreement including the interpretation of the terms herein or in regard to the obligations, failure or breach of any terms thereof by either of the Parties under this Agreement or of any matter whatsoever arising under this Agreement which have not been mutually settled shall be referred to and finally resolved through arbitration by a panel of 3 arbitrators, 1 (one) arbitrator being appointed by each of the Parties i.e. NSE Academy and the College and third arbitrator shall be appointed by the 2 (two) arbitrators so appointed by the parties and such arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or any modifications or amendments thereto, or any re-enactment for the time being in force. The seat of arbitration shall be Mumbai, India, and the language of arbitration shall be English. The decision of the said arbitrators shall be final and binding upon the parties. Both Parties shall bear the cost of the arbitration in equal proportion unless otherwise decided by the arbitrators. The parties agree that the existence and content of the arbitration and the terms of the order or award made in the arbitration shall, except as may be required by law, be kept confidential.

16 FORCE MAJEURE

If the performance of any obligations by any party as specified in this Agreement is prevented, restricted, delayed or interfered by reason of force majeure then notwithstanding anything hereinbefore contained, the Party affected shall be excused from its performance to the extent such performance relates to such prevention, restriction, delay or interference and provided the Party so affected uses its best efforts to remove such cause of non-performance and when removed the Party shall continue performance with utmost urgency. For the purpose of this Article "Force Majeure" means and includes fire, explosion, Pandemic, Epidemic, cyclone, floods, war, revolution, blockage or embargo, any law, order, demands or requirements of any Government or statutory authority, strikes, which are not instigated for the purpose of avoiding obligations herein or any other circumstances beyond the control of the Party affected.

17 NO PARTNERSHIP

Nothing in this agreement shall be deemed to neither constitute or create an association trust, partnership or joint venture between the Parties nor constitute any Party the agent of any other Party for any purpose.

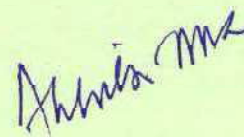
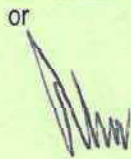
18 ASSIGNMENT

College shall not assign or otherwise transfer the rights and obligations contemplated under this Agreement without the prior written consent of NSE Academy.

19 CONFIDENTIALITY

- 19.1 Both the Parties agree to maintain confidentiality of this Agreement and all Confidential Information shared with each other or which comes to their knowledge under or as a result of this Agreement and shall not divulge such information to any third party under any circumstances whatsoever. (except to their own employees and that too only to those employees who need to know the same and to such other persons as required under this agreement), without prior written consent of the other party. The confidentiality obligation under this clause shall not apply to information that:

- 19.1.1 is available in public domain; or becomes so at a future date (otherwise than as a result of a breach of this clause); or



- 19.1.2 which is trivial or obvious, or
19.1.3 which the receiving party already had in its possession before the date of signing of this Agreement; or
19.1.4 Which the receiving party acquires from a third party and is entitled to disclose it or
19.1.5 which was independently developed by or on behalf of the receiving party without use of, reference to or reliance on any Confidential Information of the other party; or
19.1.6 Is disclosed pursuant to any requirement of law.
19.1.7 In the event of any of the Parties becoming legally compelled to disclose any Confidential Information, such Party shall give sufficient notice to the other Party so as to enable the other Party to seek a timely protective order or any other appropriate relief. If such an order or other relief cannot be obtained, the Party being required to make such a disclosure shall make the disclosure of the Confidential Information only to the extent that is legally required of it and no further.
19.1.8 The confidentially obligation under this clause shall survive the termination or expiration of this Agreement for a period of 2 years.

20 SEVERABILITY

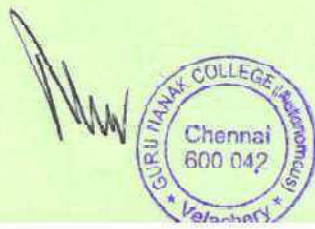
Any law restraining the validity and enforceability of any provision of this Agreement shall not affect the validity or enforceability of the remaining provisions of this Agreement, and shall be deemed as not containing the invalid provisions. The remaining provisions of this Agreement shall remain in full force and effect unless the invalid or unenforceable provision comprises an integral part of or otherwise inseparable from the remaining agreement. In such a case, the Parties to this Agreement shall attempt to agree on a provision that is valid and enforceable and similar to the original provision.

21 INDEMNIFICATION AND LIMITATION OF LIABILITY

- 21.1 College shall indemnify NSE Academy and hold NSE Academy harmless from and against any direct and actual losses, reasonable costs including without limitation the reasonable fees, costs of investigation, expenses, claims, damages, penalties and liabilities arising out of any claims, actions or proceedings (collectively, "Losses") which may be incurred, made against or suffered by NSE Academy, its directors, officers, agents or employees arising directly out of or in connection with or as a consequence of (i) the non-performance of the obligations of the College as detailed herein, (ii) any material breach of any representations, warranties, covenants or undertakings, express or implied of the College in this Agreement, (iii) the wilful misconduct or gross negligence by the College of its obligations under this Agreement.
- 21.2 NSE Academy shall indemnify College and hold College harmless from and against any Losses which may be incurred, made against or suffered by the College, its directors, officers, agents or employees arising directly out of or in connection with or as a consequence of the non-performance of the obligations of the NSE Academy mentioned under this Agreement.
- 21.3 The total liability of the Parties under this Agreement shall not exceed the amount paid or received as per this Agreement for preceding 12 months, except in the case of liability for negligence causing death or personal injury and for wilful misconduct or gross negligence.

22 REPRESENTATIONS AND WARRANTIES

The Parties hereby represent and warrant to each other that:



- 22.1 It is duly established and existing under the laws of jurisdiction stated against its name of this Agreement and as the legal power and; authority to sign this Agreement, perform and comply with its duties and obligations under this Agreement
- 22.2 It has the requisite legal power and authority to enter in this Agreement and perform and comply with its duties and obligations under this Agreement.
- 22.3 This Agreement constitutes legal, valid and binding obligations enforceable against it in accordance with the terms hereof;
- 22.4 The execution, delivery and performance of this Agreement have been duly authorized by all requisite actions and will not constitute a violation of:
- 22.4.1 any statute, judgment, order, decree or regulation of any court, Government instrumentality or arbitral tribunal applicable or relating to itself, its assets or its functions, or of
- 22.4.2 any other documents or to the best of its knowledge any indenture contract of agreement to which it is a party or by which it may be bound;
- 22.4.3 there are no actions, suits or proceedings pending or, to the best knowledge threatened against it before any court, Governmental instrumentality or arbitral tribunal that restrain it from performing its duties and obligations under this Agreement; and no representation or warranty made herein contains any untrue statement.

23 NON-EXCLUSIVITY

This Agreement shall be on a non-exclusive basis so far as NSE Academy is concerned and nothing in this Agreement shall prevent NSE Academy from pursuing similar initiatives with any other third Parties.

24 HEADINGS

The headings in this Agreement are inserted for ease of reference only and shall not affect the interpretation of the Agreement.

25 COUNTERPARTS

This Agreement may be executed by both Parties hereto in two counterparts, each of which when executed shall be deemed to be an original, but both of which taken together shall constitute one and the same Agreement.

26 NOTICES

Any notice approval, consent and or other notification required or permitted to be given hereunder shall be in writing in English and shall be personally delivered, or transmitted by registered post with postage fully paid or transmitted by fax to the address specified below or to such other addresses as may, from time to time be given by each Party to the other in writing and in the manner herein before provided to:



For COLLEGE

Mr. Manjit Singh Nayar
General Secretary & Correspondent,
Guru Nanak College (Autonomous)
Guru Nanak Salai, Anna Garden,
Velachery, Chennai,
Tamil Nadu 600042


For NSE Academy Ltd.

The Chief Manager,
NSE Academy Ltd,
National Stock Exchange of India Limited (NSE)
Old Door No - 7; New No - 2,
Murugappa Road, Nawab Garden,
Kotturpuram, Chennai-600 085.

Or such other address as the parties may from time to time designate in writing.

IN WITNESS WHEREOF, the parties sign this Agreement and set their seals the date and year first above written.

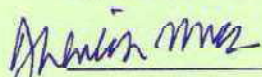
SIGNED AND DELIVERED by the withinnamed

 for and on behalf of

Guru Nanak College



SIGNED and DELIVERED by the withinnamed

 for and on behalf of

NSE Academy Ltd

Witness:

In the presence of Witnesses

1. Dr. M.G. Ragunathan, Principal, Guru Nanak College (Autonomous)



2. Ranganathan S, Chief Manager, NSE Academy



Annexure 1

Activities through Knowledge Centre for financial markets at Gurunanak College.

General Terms:

- These programs shall be marketed by Gurunanak college to their audience in accordance with NSE Academy's branding guidelines.
- The Course Fees shall be collected by NSE Academy
- The delivery of the program shall be carried out by NSE Academy via the Knowledge Center.
- NSE Academy shall provide the Course curriculum and Content for the Courses
- Examination / Assessment shall be conducted at the Knowledge Centre established at Gurunanak College
- Certificate shall be issued by NSE Academy jointly with the College
- Gurunanak College shall provide all necessary physical infrastructure for the Courses to establish the knowledge Center.

The following are broad prime program types for students, working professional / Executives through Knowledge Centre of NSE Academy at Gurunanak College.

- Short Term Programs (MDP):

A team of faculty from NSE Academy, from diverse business disciplines, provides knowledge in core business areas of finance, strategy, leadership, organizational dynamics, and globalization. These programs provide the springboard for longer learning programs.

- Long Term Programs (LDP):

These programs are generally of longer term duration going up to a year and in some cases up to two years. Every aspect of a customized program – from classroom activities to project assignments and social events – is tailored to optimize learning and maximize the developmental experience.

- Custom Design Programs:

NSE Academy works one on one with businesses to create high-impact learning experiences that are tailored to the needs of each firm. Each customized program has one primary goal to develop leaders who can make an impactful difference.

- Global Collaboration:

By design, programs foster strong engagement and collaboration between our global community of university & executives. Our unique online and live program bring learning and the traditional on-campus experience together on a web-based platform NSE knowledge HUB. Our programs engage faculty from some of the world's greatest institutions.

- NSE Knowledge Hub:

It is AI First and Mobile First Learning Experience platform that helps continuously build and measure the skills of students need next, so they can keep moving in the right direction. This is developed understanding the evolution of learning and development from a formal mode of learning to informal and social learning powered by AI and ML technology.



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Annexure 2

Program: 1

Name of the Program: Certification courses

Duration of the program: (To be finalized and signed later)

Course Fees: (To be finalized and signed later)

Assessment: Multiple choice question exam. It will be conducted by NSE Academy

Certificate: Joint certificate by NSE Academy and College

Delivery of the program: NSE Academy through its affiliated trainers shall deliver the certification course at the Gurunanak campus for their students

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GURU NANAK COLLEGE (AUTONOMOUS)

Affiliated to University of Madras and Re-Accredited at "A" Grade by NAAC

Guru Nanak Salai, Velachery, Chennai – 600042.

Event Title	MoU – ACTIVITIES, NSE Academy
Category	Industry-Academia conclave
Date	30th November 2021
No. of Resource Person	Mr. Abhilash Mishra, CEO, NSE Academy
No. of Participants	106

(1) Report Description

Guru Nanak College (Autonomous) organised the Industry Academia conclave in collaboration with NSE Academy on 30th November 2021. Dr. M.G. Ragunathan, Principal Guru Nanak College welcomed the experts. Dr. Marlene Morais, Advisor to the Management shared her views on the importance of skill based education, teaching and learning through practical approach. Dr. N. C. Rajashree, Vice – Principal (Shift II) shared her experience and explained the significance of experiential learning. Mr. Abhilash Mishra, CEO, NSE Academy, the resource person, gave an overview of stock market and insisted that experiential learning and life skills plays a vital role for an individual's career development. Mr. Manjit Singh Nayar, General Secretary and Correspondent stressed that learning is a never ending process in any profession. Guru Nanak College (Autonomous) and NSE Academy signed the MoU which will benefit the students for their future.

INVITATION



GURU NANAK COLLEGE (AUTONOMOUS)

Re-Accredited at 'A' by NAAC
Affiliated to University of Madras
ISO 9001 : 2015 Certified Institution
Guru Nanak Salai, Velachery, Chennai - 600 042.

In collaboration with NSE

Organising

Venue

Guru Ramdas Hall
A/C Seminar Hall

Date
30.11.2021

Time
10:30 a.m



ABHILASH MISRA
CEO , NSE Academy Ltd.

PAPER CLIPPINGS

his health. Following an emergency consult with the liver specialist at Rela Hospital, specialists decided to airlift the child to Chennai for a likely 'supra-urgent living donor liver transplant. The boy's father donated a part of his liver. Mohamed Rela performed the transplant.

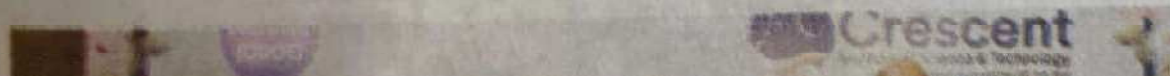
antique and wrought iron furniture, paintings and water fountains, children's furniture and upholsteries, blankets and throws, bunk beds and gazebos, etc. are being showcased.



Skill development with NSE

Guru Nanak College (Autonomous) organised the Industry Academia conclave in collaboration with NSE Academy recently. Abhilash Mishra, CEO, NSE Academy, the resource person, gave an overview of the stock market and insisted that experiential learning and life skills plays a vital role for individual career development.

NEW PROGRAMMES



Amid SM rumours, Minister denies Omicron in Tamilnadu

Chennai, Dec. 04:

Ruling out any Omicron cases in Tamilnadu so far, Health Minister Mahalingam today said two air passengers, including a child, who arrived from 'high-risk' countries, have tested positive for Covid-19.

A 30-year-old man, a resident of Thanjavur, who arrived from Singapore at the Tiruchirappalli international airport early this morning tested positive for Covid.

Similarly, a ten-year-old girl, who came from

UK along with her parents, also tested positive for Covid. These members of the family, who accompanied her, were asked to isolate themselves.

The blood samples of both the passengers were sent for genome sequencing tests to ascertain whether they were infected with the Omicron variant will be known only after sequencing results.

Recently relating social media reports that both the passengers were

infected with Omicron, the Minister appealed to the people not to panic and not to believe in rumours.

He reiterated that no Omicron positive case was reported in the State and the government has taken all precautionary measures to prevent its entry into the State.

Stating that it was a sensitive issue, he said the government would

not hide anything. It would be transparent and openly declare if any positive case of Omicron was reported.

"We will be transparent in announcing the results, as it will help in creating more public awareness against the virus", he said and urged the social media users to be careful while posting sensitive issues.

AIADMK starts receiving applications for top posts

Chennai, Dec. 04:

With immediate effect the AIADMK, which today started receiving applications for top posts including those of coordinator and joint coordinators, the principal opposition party of Tamil Nadu today started receiving applications.

Ministerial AIADMK, a regional political party, N. K. Sankaranarayanan, who is currently in the State, said that the party would not lose touch.

He stated that the party was functioning for the benefit of a few and would not change its policy.

In a statement made a day after the AIADMK, led by the dual leadership of O Panneerselvam and Edappadi K. Palaniswami, decided its policy to strengthen the position held by the two leaders, he said the party would work shoulder to shoulder with other parties.

As per the party policy, organizational activities have to be held every five years and in line with this, elections to the top posts have been announced, a release from AIADMK headquarters said. Voting of members will commence tomorrow and continue till 3 pm on 4 December. The secretary will take place the next day and the last day for withdrawal is 5 December. Elections will be held on 7 December and counting of votes will take place the next day.

The announcement of elections to the top posts comes a day after the Executive Meeting of the party made announcements to the first phase of way for election of coordinator and joint coordinators through a single

vote by primary members of the party instead of at the General Council meeting. The party also announced holding of organizational elections in the place of various districts from 13 to 25 December. While the first phase elections will be held on 13 and 14 December, the second phase will be held on 22 and 23 December.

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GURU NANAK COLLEGE (AUTONOMOUS)

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Web : www.gurunanakcollege.edu.in

Sardar Rajinder Singh Bhasin
President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

GURU NANAK COLLEGE (Autonomous), CHENNAI.

And

CLEAN GREEN BIOSYSTEMS, CHENNAI.

Knowledge partnership for academic and Training Programs

Memorandum of Understanding

THE MEMORANDUM OF UNDERSTANDING DATED AT **2nd March 2021**

Between

GURU NANAK COLLEGE (Autonomous), represented by its General Secretary and Correspondent **Sardar Manjit Singh Nayar** having office at Guru Nanak Salai, Velachery, Chennai 600042, herein after called the First party

And

CLEAN GREEN BIOSYSTEMS, Chennai, India represented by **Dr. S. Prem Mathi Maran**, having his office at Thirumudivakkam, Chennai herein after called the Second party.

do hereby agree to the following:

This Memorandum of Understanding (MoU) between **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 400042, Tamil Nadu, India and **CLEAN GREEN BIOSYSTEMS**, Chennai, Sets forth the agreement of the parties with respect to mutually benefit initiative to strength the training system and facilitate knowledge partnership for Academic and Training Programmes for Students.



General Secretary and Correspondent
Guru Nanak College (Autonomous)
Guru Nanak Salai, Velachery,
Chennai - 600 042.

Registered Office : Guru Nanak Educational Society® Old Regn No: S.No.178/70 New Regn No: S.No.636 of 2019
Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai-600 042.
Phone : 22552080 Email : gnccao@gmail.com / gnesvelachery2015@gmail.com



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Sardar Rajinder Singh Bhasin
President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

1. Objective and role of partnership

1.1 **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 400042, Tamil Nadu, India and **CLEAN GREEN BIOSYSTEMS**, Association partnership is constituted in mutual consultation with each other and based on the overwhelming positive response for academic and Training collaboration for mutual benefit of both the parties of the partnership concerned.

1.2 The Primary Objective of the partnership is to provide a platform for Students to interact with the academic for knowledge sharing and for catalyzing joint initiatives to launch development programmes for the benefit of Students. Such knowledge sharing is not merely in terms of the number of human resources required for the types training and skill sets, but is also intended to be much deeper with long-term strategic goals and advantages for both the parties. This partnership will also cater to the needs of educational, Training and consultancy programs in the area of 'HERBAL, NEUTRACEUTICAL / PHYTOCHEMICAL EXTRACTION SYSTEM/ PHYTOPHARMACEUTICALS AND BOTANICAL DRUG DEVELOPMENT, FRUITS AND VEGETABLES PROCESSING & ORGANIC AGRICULTURAL INPUT FORMULATION SYSTEM'.

1.3 The activities would involve:

- Conducting programmes on Drug delivery system.
- Conducting programmes on Phytopharmaceutical extraction system.
- Conducting programmes on fruits and vegetable processing
- Conducting programmes on Botanical Pesticide formulation technology.



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Sardar Rajinder Singh Bhasin
President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

1.4 Internship Training Program during summer:

All students of the Department of Advanced Zoology and Biotechnology will be sent to the company **CLEAN GREEN BIOSYSTEMS** at Thirumudivakkam, Chennai during the summer vacation falling between the 5th & 6th Semester for Under Graduate students and 2nd & 3rd semester for Post Graduate students, for Industrial training. During the training each student will be provided with:

- Hands on experience in basic equipments in extraction system
- Training in assembly level programming in equipments
- Guidance & supervision to assemble & operate a mini project and to prepare a Project Report

1.5 The primary objective of the partnership is to become a platform to facilitate Knowledge sharing. Hence the methods of functioning will be as follows :-

- (i) Help the process for Faculty Development in both organizations by taking up Joint Research and Consultancy Projects
- (ii) Jointly Identify Expert Resource Persons



General Secretary and Correspondent
Guru Nanak College (Autonomous)
Guru Nanak Salai, Velachery,
Chennai - 600 042.

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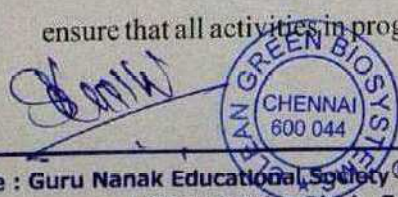
2. Member of the partnership committee

- 2.1 The partnership committee will comprise representatives from **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 400042, Tamil Nadu, India and representatives of the **CLEAN GREEN BIOSYSTEMS** with a term of three years with subsequent renewals and modifications for a further period of **three years**, subject to renewal of this MoU.

Chairperson – Sardar Manjit Singh Nayar, General Secretary and Correspondent, Guru Nanak College (Autonomous) Guru Nanak Salai, Velachery, Chennai 600042.

Co - Chairperson – Dr. S. Prem Mathi Maran, Founder, Director & CEO Clean Green Biosystems.

- 2.2 The partnership Committee would meet once every quarter to take stock of the progress and give directions to the various clauses for implementation.
- 2.3 **GURU NANAK COLLEGE** and **CLEAN GREEN BIOSYSTEMS** would provide dedicated staff to work very closely to achieve the goals of the partnership. The Members of **CLEAN GREEN BIOSYSTEMS** and **GURU NANAK COLLEGE** will be the coordinators for the Partnership Committee.
- 2.4 The Agreement shall commence on **2nd March 2021** and shall continue in force until terminated by mutual consent after prior written notice by either party to the other party. The termination will be subject to compliance to the completion of all commitments made. Notwithstanding any such termination, both parties shall ensure that all activities in progress are completed successfully.



Registered Office : Guru Nanak Educational Society® Old Regn No: S.No. 278/70 New Regn No: 2019
Administrative Block, Guru Nanak College Campus, Guru Nanak College (Autonomous)
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai 600042
Phone : 22552080 Email : gnccao@gmail.com / gnesvelachery2015@gmail.com



GURU NANAK COLLEGE (AUTONOMOUS)

Guru Nanak Salai, Velachery, Chennai - 42
Affiliated to the University of Madras
Re -Accredited @ 'A Grade' by NAAC
A Unit of Guru Nanak Educational Society ®

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Web : www.gurunanakcollege.edu.in

Sardar Rajinder Singh Bhasin
President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

2.5 This MoU will be valid for a period of three years from the date of signing of this MoU. After the expiry of this period, the MoU may be extended for further three years based on mutual Interest.

General:

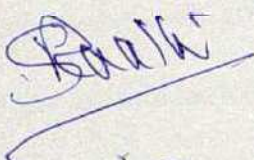
This document is a statement of understanding and is not intended to create any binding legal and financial obligations on either party.

Both parties hereto have affixed their signatures:


Authorized Signatory

For CLEAN GREEN BIOSYSTEMS

For GURU NANAK COLLEGE (Autonomous)


Dr. S. Prem Mathi Maran
Founder - Director,
Clean Green Biosystem,
Plot No. 160, Karpagam Nagar,
Thirumudivakkam, Chennai - 600 044




Sardar Manjit Singh Nayar
General Secretary and Correspondent
Guru Nanak College (Autonomous),
Guru Nanak Salai,
Velachery, Chennai 600042

General Secretary and Correspondent
Guru Nanak College (Autonomous)
Guru Nanak Salai, Velachery,
Chennai - 600 042.

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Phone : 22552080 Email : gnccao@gmail.com / gnesvelachery2015@gmail.com

GURU NANAK COLLEGE (Autonomous), CHENNAI, INDIA

And

CLEAN GREEN BIOSYSTEMS, CHENNAI, INDIA

Knowledge partnership for academic and Training programs

Memorandum of Understanding

THE MEMORANDUM OF UNDERSTANDING DATED AT 2nd March 2021

Between

GURU NANAK COLLEGE (Autonomous), represented by its General Secretary and Correspondent **Sardar Manjit Singh Nayar** having office at Guru Nanak Salai, Velachery, Chennai 600042, hereinafter called the First party

And

CLEAN GREEN BIOSYSTEMS, Chennai, India represented by **Dr. S. Prem Mathi Maran**, having his office at Thirumudivakkam, Chennai hereinafter called the Second party.

do hereby agree to the following:

This Memorandum of Understanding (MoU) between **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 600042, Tamil Nadu, India and **CLEAN GREEN BIOSYSTEMS**, Chennai, Sets forth the agreement of the parties with respect to mutually benefit initiative to strength the training system and facilitate knowledge partnership for Academic and Training Programmes for Students.


General Secretary and Correspondent
Guru Nanak College (Autonomous)
Registered Office: **Guru Nanak Salai, Velachery,**
No. 2872, Sun Shelters, Sushela Nagar, Street,
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Mob: +91 80561 26827


Corporate Office:
Plot No.9, 1st Cross Street, SIDCO Industrial Estate,
Thirumudivakkam, Chennai 600 044.
Ph: +91 44 6462 7337



1. Objective and role of partnership

1.1 **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 600042, Tamil Nadu, India and **CLEAN GREEN BIOSYSTEMS**, Association partnership is constituted in mutual consultation with each other and based on the overwhelming positive response for academic and Training collaboration for mutual benefit of both the parties of the partnership concerned.

1.2 The Primary Objective of the partnership is to provide a platform for Students to interact with the academic for knowledge sharing and for catalyzing joint initiatives to launch development programmes for the benefit of Students. Such knowledge sharing is not merely in terms of the number of human resources required for the types training and skill sets, but is also intended to be much deeper with long-term strategic goals and advantages for both the parties. This partnership will also cater to the needs of educational, Training and consultancy programs in the area of 'HERBAL, NEUTRACEUTICAL/PHYTOCHEMICAL EXTRACTION SYSTEM/ PHYTOPHARMACEUTICALS AND BOTANICAL DRUG DEVELOPMENT, FRUITS AND VEGETABLES PROCESSING & ORGANIC AGRICULTURAL INPUT FORMULATION SYSTEM'.

1.3 The activities would involve:

- i. Conducting programmes on Drug delivery system.
- ii. Conducting programmes on Phytopharmaceutical extraction system.
- iii. Conducting programmes on fruits and vegetable processing
- iv. Conducting programmes on Botanical Pesticide formulation technology.

General Secretary and Correspondent
Guru Nanak College (Autonomous)
Guru Nanak Salai, Velachery,
Chennai - 600 042.



2

1.4 Internship Training Program during summer:

All students of the Department of Advanced Zoology and Biotechnology will be sent to the company **CLEAN GREEN BIOSYSTEMS** at Thirumudivakkam, Chennai during the summer vacation falling between the 5th & 6th Semester for Under Graduate students and 2nd & 3rd semester for Post Graduate students, for Industrial training. During the training each student will be provided with:

- Hands on experience in basic equipments in extraction system
- Training in assembly level programming in equipments
- Guidance & supervision to assemble & operate a mini project and to prepare a Project Report

1.5 The primary objective of the partnership is to become a platform to facilitate Knowledge sharing. Hence the methods of functioning will be as follows:-

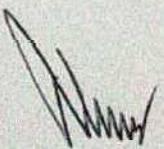
- (i) Help the process for Faculty Development in both organizations by taking up Joint Research and Consultancy Projects
- (ii) Jointly Identify Expert Resource Persons

2. Member of the partnership committee

2.1 The partnership committee will comprise representatives from **GURU NANAK COLLEGE**, Guru Nanak Salai, Velachery, Chennai 600042, Tamil Nadu, India and representatives of the **CLEAN GREEN BIOSYSTEMS** with a term of three years with subsequent renewals and modifications for a further period of three years, subject to renewal of this MoU.

Chairperson – General Secretary and Correspondent, Sardar Manjit Singh Nayar, Guru Nanak Salai, Velachery, Chennai 600042

Co - Chairperson – Dr. S. Prem Mathi Maran, Founder, Director & CEO – CLEAN GREEN BIOSYSTEMS.


General Secretary and Correspondent
 Guru Nanak College (Autonomous)
 Guru Nanak Salai, Velachery,
 Chennai - 600042



- 2.2 The partnership Committee would meet once every quarter to take stock of the progress and give directions to the various clauses for implementation.
- 2.3 **GURU NANAK COLLEGE** and **CLEAN GREEN BIOSYSTEMS** would provide dedicated staff to work very closely to achieve the goals of the partnership. The Members of **CLEAN GREEN BIOSYSTEMS** and **GURU NANAK COLLEGE** will be the coordinators for the Partnership Committee.
- 2.4 The Agreement shall commence on **2nd March 2021** and shall continue in force until terminated by mutual consent after prior written notice by either party to the other party. The termination will be subject to compliance to the completion of all commitments made. Notwithstanding any such termination, both parties shall ensure that all activities in progress are completed successfully.
- 2.5 This MoU will be valid for a period of three years from the date of signing of this MoU. After the expiry of this period, the MoU may be extended for further three years based on mutual Interest.

General Secretary and Correspondent
Guru Nanak College (Autonomous)
Guru Nanak Salai, Velachery,
Chennai - 600 042.





Department of Advanced Zoology and Biotechnology

Event Title	"MoU – ACTIVITIES with CLEAN GREEN BIOSYSTEMS"
Category	FIELD TRIP
Date	23.03.2021
No. of Resource Person	1
No. of Participants	45

(1) Report Description

This field trip was initiated to create awareness about the phytochemical properties and bioactive compounds of several herbals to the student's community. In the M.Sc., Zoology curriculum, first year students have to do their summer internship. Hence, this field visit to Clean Green Biosystems on 23.03.2021 was arranged.

(2) Report

Explanation about the Work and Working of Clean Green Biosystems:

Dr. S. Prem Mathi Maran, Founder, Director and CEO, has explained about the machinery and instrumentations of their pharmaceutical industry. Further he added about the herbal/phytochemical extraction is the process of removing various group of phytochemicals from different herbs. The extraction method shall be of two types such as Solid-Liquid Extraction (SLE) and Liquid-Liquid Extraction (LLE). In SLE, the phytochemicals are removed from the leaf, stem, bark, seed, root and from the entire plant. In LLE, the bioactive principles are isolated/separated from phytoemulsions, oils or herbal extracts from SLE.

Another technician Mr. Kumaran explained about the Vegetable Extraction (Hydrodynamic System). It is a machine used to extract nano emulsion by cell breaking method. The machine is patented by them. It can take upto 25Kg tomatoes and 30 liters of water which is broken using the heat produced by rotor stator and 2 motors that has 3000 rpm speed, which brings out the computer providing the nano emulsion, the temperature from the rotor could be between 80°C - 90°C. It is further processed in filter process. This process supports the extraction of minor and major clinically significant compounds from agriculture materials or wastes from fruits and vegetables processing plants; a few are carotenoids from vegetables, luteins from green vegetables, lycopene from tomato, catechins from green tea, flavonoids from citrus and fruits processing wastes like apple skin, grape skin and mango peel etc.

(3) Photos



Field visit to Clean Green Biosystem, staff and students of B.Sc. AZBT



Students visiting one of the laboratories of Clean green Biosystem





Field visit by Faculty members of B.Sc. & M.Sc. departments



Department of Advanced Zoology and Biotechnology

Event Title	"MoU – ACTIVITIES with CLEAN GREEN BIOSYSTEMS"
Category	FIELD TRIP
Date	24.03.2021
No. of Resource Person	1
No. of Participants	33

(1) Report Description

A visit was made to Clean Green Biosystems for III. B. Sc., Advanced Zoology and Biotechnology for knowledge sharing and for catalyzing joint initiatives to launch development programmers for the benefit of Students. Cater to the needs of educational, Training and consultancy programs in the area of 'Herbal, Neutraceutical/Phytochemical Extraction System/Phytopharmaceuticals and Botanical Drug Development, Fruits and Vegetables Processing &; Organic Agricultural Input Formulation System'.

The company is into the process engineering of Phytopharmaceuticals industry and doing research and development in Phytopharmaceuticals.

Dr. S. Prem Mathi Maran, Founder, Director and CEO, has explained about the drug discovery and drug delivery systems based on botanicals. It supplies plant and machineries on turnkey basis to their clients to produce phytopharma drugs also supplies downstream processing equipments to their customers. It has well established pilot plants which does production of specialty ingredients to their customers. It also includes a patented Hydro dynamic system, filtration systems, solid liquid extraction system, liquid liquid extraction system, forced circulation evaporation system, molecular distillation system, vacuum tray drier and utilities (thermic fluid system and chilling units). The laboratory has all the photochemical extraction equipments, microbiological equipments and spectroscope.

A detailed explanation of the process of producing phytopharma drugs were done by the team Clean Green Biosystems



Students being trained to operate the instruments



Student monitoring the functioning of the instrument



Technician explaining the instrument and its parts



Field visit by faculty members and students at Clean Green Biosystem



Students being trained to operate the instrument



Field visit by another set of students to Clean Green Biosystem



GURU NANAK COLLEGE (AUTONOMOUS)

Affiliated to University of Madras and Re-Accredited at "A" Grade by NAAC

Guru Nanak Salai, Velachery, Chennai – 600042.

Department of Advanced Zoology and Biotechnology

Event Title	"MoU – ACTIVITIES with CLEAN GREEN BIOSYSTEMS"
Category	INTERNSHIP
Date	01.10.2021 - 21.10.2021 (21 Days)
No. of Resource Person	1
No. of Participants	17

(1) Report Description

The final year students has undergone the 21 days internship on **"Extraction of Curcumin from Turmeric and formulating it into a water soluble nano emulsion"**

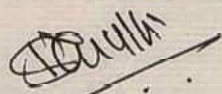
Formulation of Curcumin in Nanoparticles:

Curcumin exhibits antioxidant activity, which can play a great role in the treatment of wounds. Curcumin (a natural product), isolated from the rhizomes of *Curcuma longa*, is used orally and topically in the treatment of wounds. Curcumin (*o*-methoxyphenol derivative compound) possesses antioxidant activity and excites detoxification enzymes. Curcumin improves wound healing significantly when applied topically and also prevents oxidative damage. Curcumin enhances the production of granulation in body tissue with a greater amount of cellular content, promotes new vascularization and also increases the process of re-epithelialization of wounds. Curcumin is poorly water soluble, meaning that it is restricted to the superficial stratum corneum (SC) after topical delivery. We can use the lipophilic materials (*e.g.* curcumin) that can increase the amount of drug at the required place and their direct delivery of curcumin into the skin avoiding any systemic side effects. Thus, a new formulation is required that releases curcumin in a sustained fashion for the effective and localized delivery of curcumin. Therefore, a formulation based on water that releases drug in a controlled manner, such as a curcumin-loaded nanoemulsion (Cur-NE), could be an effective approach for cutaneous wound healing. There have been so many investigations reported recently in which drugs are carried inside the core of NEs which easily penetrate into the skin *via* the subcutaneous barrier. Therefore, it is a novel approach to design a new formulation that can increase curcumin solubilization and increase its permeation *via* the skin. There are so many studies reported related to the improvement of solubility and dissolution with the use of different techniques, including polymeric, nanoparticles, nanoemulsions, complexation, *etc.*

CERTIFICATE OF COMPLETION

This is to certify that, **Ms. Sneha, P** , B.Sc., III year, Advanced Zoology and Biotechnology of **Guru Nanak College (Autonomous)**, Guru Nanak Salai, Velachery, Chennai , 600042, has undergone a 21 days continuous Internship Programme (From 01 October 2021 to 21 October 2021) in our research centre on **"Extraction of Curcumin from turmeric and formulating it into a water soluble nano emulsion"**

For **Clean Green Bioresearch Foundation**



Dr.S.Prem Mathi Maran
Founder Chairman and Research Director




Date of Issue: 21st October 2021

Registered Office

No. 15, 35th Street, Thillai Ganga Nagar,
Nanganallur, Chennai 600 061.
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Ph: +91 44 6462 7337



INTERNSHIP CLEAN GREEN REPORT


From: 1/10/2021 To: 21/10/2021

P. SNEHA

5828

Bsc 3rd year AZBT

Gurunanak College
Autonomous



Title:-

Extraction of Curcumin and formulating into
a water soluble nano emulsion.

Introduction:-

Turmeric:

Family: Zingiberaceae

The turmeric powder is about
60-70% Carbohydrates, 6-13% water, 6-8% protein,
5-10% fat, 3-7% dietary minerals, 3-7% essential
oil, 2-7% dietary fiber and 1-6% curcuminoids.

Phytochemical compounds:

Curcumin, demethoxycurcumin,
bisdemethoxycurcumin.

Dominant types of turmeric:

* Madras

* Alleppey

Primary products of turmeric

⇒ Dried Rhizome

⇒ Turmeric powder

Secondary and derived product:

- Curry powder
- Oleoresins
- Essential oils

Medicinal and biological properties of turmeric

Antioxidant, antiarthritic, antimutagenic, antitumour, antitumor promotion, antithrombotic, antivenom by neutralizing the hemorrhagic effect of venom in mice, antibacterial, antifungal, antiviral, nematocidal, choleric and antihepatotoxic activities. Alzheimer's has shown favourable response to curcumin therapy.

- ★ Cooking
- ★ Dye

- ★ Indicator
- ★ Traditional uses

Alleppey contains 3.5 to 5.5% volatile oils and 4.0% to 7.0% curcumin.

Madras contain 2% of volatile oils and 2% curcumin.

Curcumin:

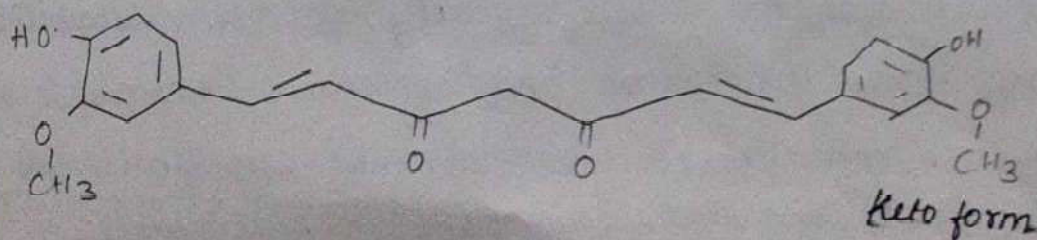
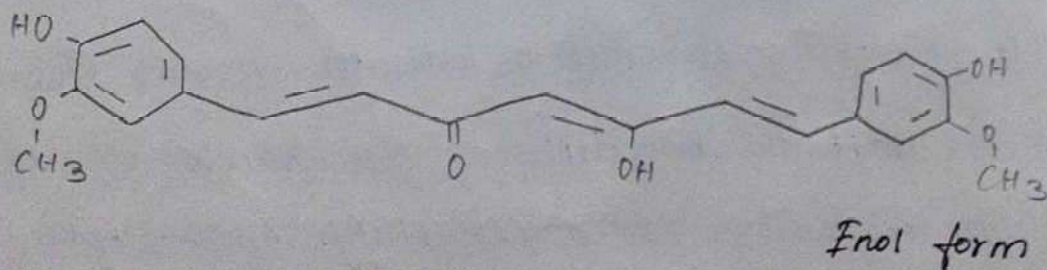
Curcumin is a bright yellow chemical produced by plants of the *Curcuma longa* species. It is the principal curcuminoid of turmeric (*Curcuma longa*). It is sold as an herbal supplement, cosmetics, food flavoring and food coloring.

Chemical formula: $C_{21}H_{20}O_6$

Molar Mass: $368.385 \text{ g mol}^{-1}$

Appearance: Bright yellow orange powder

IUPAC Name: Di-ferulomethane, curcumin, 1,6-bis(4-hydroxy-3-methoxyphenyl)-hepta-1,6-diene-3,5-dione.



Melting point: 183°C (361°F , 456K)

Other Names: Diferuloylmethane, "yellow coloring matter" was named in 1815.

Bioactivity:-

* Curcumin incorporates a seven carbon linker and three major functional groups:

α - β -unsaturated β -diketone moiety and an aromatic O -methoxy-phenolic group.

* Hydrophobic nature, curcumin is poorly soluble in water.

* Easily soluble in organic solvents.

* Undergoes nucleophilic addition.

* It is used as complexometric indicator.

* Factors limit the bioactivity of Curcumin is chemical instability, water insolubility. Absence of potent and selective target activity, low bioavailability, limited tissue distribution and extensive metabolism.

The active constituents are flavonoid curcumin and various volatile oils, including turmerone, atlantone and zingiberone.

Nano Emulsion:

Nanoemulsion can be defined as a oil in water (o/w) emulsion with mean droplet diameters ranging from 50 to 1000nm. Nanoemulsions consist of a dispersion of small droplets of one immiscible liquid in another immiscible liquid.

Types:

- oil in water (o/w)
- water in oil (w/o)

The droplets in o/w nanoemulsions are typically coated by a hydrophilic emulsifier, whereas those in w/o nanoemulsions are coated by a lipophilic emulsifier.

Formulation of Curcumin in Nanoparticles:-

Nanoparticles for medical purposes comprise a variety of drug transport system, they expandable upto 1000nm. They are thermodynamically stable. The solubility of poorly water-soluble drugs can be increased by NES. Micro emulsion and nanoemulsion were previously considered to be two interchangeable terminologies.

A high energy ultrasonication technique was used to prepare the curcumin loaded nanoemulsion. Curcumin was dissolved in oil and soild mix in a glass vial and a mixture was obtained which is micro-titrated with mil-q- water to achieve a coarse emulsion. A 20kHz ultrasonic processor was used for the production of the supported nanoemulsion. A 20kHz ultrasonic processor consumes 500W of power. This ultrasonic processor was prepared with a titanium horn for the development of nanoemulsion. In brief, curcumin loaded nanoemulsion was prepared with optiminged parameters, i.e. ultrasonication time of 10.0 min, intensity of 40.0%, temperature of 50°C, which are used for a coarse cur-emulsion. " Cavitation " is a phenomenon of driving force which can produce heat. Therefore, the selection of temperature within time is an important parameter for preparation and optimigation of curcumin-Nanoemulsion. It is small globule size ($r < 100\text{nm}$), with brownian motion enhancement. Therefore curcumin nanoemulsion is kinetically stable, which is a requirement for the long-term storage of Curcumin Nanoemulsion.

Extraction of Curcumin:-

- * Solid-liquid Extraction

- * Liquid-liquid Extraction

Curcumin is a fat soluble component:

- * Distillation

- * Concentration

- * Hot air oven

Extraction process:-

Materials:

Raw Material (Turmeric) = 37g

Ethanol -

Process:

Time = 2 hours, Temperature = 80°C

We are taking raw material into bottom flask and adding ethanol (100 ml) 2 times. The raw material should be in thimble.

Distillation process:-

Time : 1/2 hour

After distillation process, a thick yellow colour miscella is formed about 200 ml.

Concentration:-

In 200 ml, 150 ml solvent is extracted and 20 ml concentrated miscella is formed.

Drying:-

The miscella is collected in plate and placed in hot air oven. After 2 hours compound is collected.

Industrial visit

Distillation:

The collected compound is taken in beaker. By using magnetic stirrer for forming liquid compound. With various chemical compound. Finally liquid compound is extracted.

TURMERIC



EXTRACT





(AUTONOMOUS)

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Sardar Rajinder Singh Bhasin
President

Sardar Manjit Singh Nayar
General Secretary & Correspondent

Dr. M.G. Ragunathan M.Sc., M.Phil., Ph.D., PGDESD
Principal

MEMORANDUM OF UNDERSTANDING

Arranging for educational support (LSRW skills in English) to children at Andaman and Nicobar Islands as an Institutional Social Responsibility initiative of B. Com., Bank Management, Guru Nanak College (Autonomous) Chennai.

Memorandum of Understanding (MOU)

Between

Guru Nanak College (Autonomous), Velachery.

And

Port Blair-Guru Ki Rasoi – REGD NO 1651 (Approved NGO)

Dated: 24/12/20


("The Agreement")


Guru Nanak College with office at Chennai and Port Blair-Guru Ki Rasoi with office at Port Blair, Andaman, agree to sign the MOU with the objective of providing LSRW skills for children belonging to Seva Niketan and Balika Niketan (total of 47 students from age of 6 to 12) by Guru Nanak College faculty members and students. The two parties will work towards the common cause of arranging for special sessions and providing worksheets and study materials to the students and help them overcome the stage fear and improve their skills and speak with confidence.

NOW THEREFORE THIS MOU WITNESSES AS FOLLOWS:

The objective of this MOU shall be sent to the respective addresses of the parties above. Any amendments to this MOU shall be in writing and signed by both the parties. Neither Guru Nanak College nor Port Blair-Guru Ki Rasoi shall be liable for non-performance of any or all of their obligations under this MOU due to reasons of "Force Majeure" and/or reasons beyond their reasonable control.

IN WITNESS WHEREOF THE PARTIES HEREIN HAVE HEREUNTO SET THEIR RESPECTIVE HANDS AND SEAL, THE DAY, MONTH AND YEAR FIRST HEREIN ABOVE MENTIONED.


Dr. M.G. Ragunathan,
Principal,
Guru Nanak College(Autonomous),
Chennai-42.


Mr. Mandeep Grewal,
President,
Port Blair-Guru Ki Rasoi,
Andaman.



GURU NANAK COLLEGE (AUTONOMOUS)

Affiliated to University of Madras and Re-Accredited at "A" Grade by NAAC

Guru Nanak Salai, Velachery, Chennai – 600042.

School of Management

Department of B.Com Bank Management

Event Title	ENGLISH SPOKEN CLASSES	
Category	NGO and orphanage students	
Date	From :15 th January 2021	To: February 2021
No. of Resource Person	1	
No. of Participants	18	

(1) Report Description

The Department of B.Com. Bank Management, Guru Nanak College, Chennai organized English spoken classes online for the students of BalaNiketan and Seva Niketan.

(2) Report

Inaugural function of the ENGLISH SPOKEN CLASSES in collaboration with Port Blair, Guru Ki Rasoi (NGO) held at Andaman on 15th January 2021 organized by DISTRICT CHILD PROTECTION UNIT (SA) with Honorable Mr. Sunil Anchipika, Deputy Commissioner, South Andaman as the Chief Guest.

The kids of balaniketan and seva Niketan were the beneficiaries. DC sir spoke on the importance of English language for the development of kids' future. A small introduction session was started by the faculty of the department. Kids were interactive and enthusiastic to learn the language.

Later video recordings were sent to the NGO for further lessons.

(3) Photos







English spoken class attended by the students



GURU NANAK EDUCATIONAL SOCIETY (Regd)

Registered Office :
Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai - 600042.

	<p>MEMORANDUM OF UNDERSTANDING ON COLLABORATION BETWEEN Schizophrenia Research Foundation, Chennai, India & Guru Nanak College, Chennai, India</p>	
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MEMORANDUM OF UNDERSTANDING

Between

SCHIZOPHRENIA RESEARCH FOUNDATION

Chennai, India
600101

And

GURU NANAK COLLEGE (Autonomous)

Chennai, India
600 042



GURU NANAK EDUCATIONAL SOCIETY (Regd)

Registered Office :

Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai - 600042.

Collaborative Research and Academic Programme

This memorandum of understanding (MOU) sets down the mutually agreed broad framework for joint research and academic activities in various fields of interest between the **Schizophrenia Research Foundation (SCARF)** and **Guru Nanak College, Chennai**. It also incorporates the modalities of collaboration.

1. Preamble:

Schizophrenia Research Foundation is a non-profit nongovernmental organization registered as a society involved in research, training, treatment and rehabilitation in the field of Mental Health. It is a World Health Organization (WHO) Collaborating Center for mental health training and research. It is also recognized by the Department of Science and Technology, Govt of India. It is also a PG teaching centre for DNB in Psychiatry.

The vision and mandate of Schizophrenia Research Foundation are the following:

- To offer Comprehensive Mental Health Care to the Mentally disabled
- With special emphasis on Psychosocial Rehabilitation
- Initiate, conduct and support research programs
- Increase awareness about mental illness, disability, treatment and other welfare measures
- Mental health capacity building
- Lobbying to initiate and implement MH policy changes

About Guru Nanak College, Chennai, India

The Guru Nanak College was established in the year 1971 as a Unit of Guru Nanak Educational Society to mark the 500th birthday of the great mentor, Shri Guru Nanak Devji, the founder of Sikh religion. The objective of the college is to spread the ideals of Universal brotherhood, oneness of God, communal harmony and welfare to all communities.

Vision

To be a leading Institution of Excellence in Higher Education by providing quality education to the aspiring and the needy from the less privileged sections of the Society and facilitate their Social upliftment in accordance with the motto "Sarbat ka Bhalla" which means "For the Benefit of all"

Mission

- To create a vibrant academic atmosphere with a robust curricula which focuses on teaching, learning, research and outreach programs
- To provide comprehensive education to gain competence and commitment to face challenges catering to the ever-changing global needs
- To stimulate intrinsic and extrinsic value based pedagogy to foster innovation and outcome based education
- To create a gender sensitized campus by empowering women in sharing knowledge and information
- To strengthen education leading to promotion of societal transformation
- To impart knowledge which is empowering, value based and holistic in nature



GURU NANAK EDUCATIONAL SOCIETY (Regd)

Registered Office :

Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai - 600042.

1. To establish close collaboration in all relevant fields
2. To enable the exchange of information between both institutions in all areas relating to training and teaching activities.
3. To promote joint research projects in areas relevant to psychiatry, psychology, social work and other relevant areas that may be identified in the future.
4. To develop joint publications and support the exchange of publications (bulletins, journals, books, CPD online) between both professional institutions, with special emphasis being placed on the establishment of a direct relationship between their websites, thus permitting, by means of specific agreements, the distribution of training materials and public education materials of mutual interest to both institutions into the corresponding languages.
5. To study the viability of establishing assistance to professionals who wish to undertake periods of training in subjects that are the object of this agreement.
6. To study ways of working together that will lead to greater participation for both bodies in other relevant institutions worldwide.
7. To establish all measures with respect to support and exchange that may assist the institutions in fulfilling their statutory objectives with more ease.
8. To share experience in raising understanding of advocacy about mental health with the Government of India

Financial Liability

No financial liability will arise for SCARF or **Guru Nanak College, Chennai** under this Agreement. However, on a case by case basis and by prior agreement both parties may ask the other to bear the costs for carrying out a proposed activity or delivering a service including training.

Class-2

Intellectual property:

1. Important research findings arising out of the activities covered under this MOU may be published in national and international journals, and presented at national and international scientific meetings reflecting collaboration.
2. Knowledge developed, which can result in commercial exploitation, shall be covered by patents filed jointly by SCARF and **Guru Nanak College, Chennai** involved in the collaborative research work.
3. SCARF and **Guru Nanak College, Chennai** can make use of, for their internal purposes, all the information and data generated during collaborative research programs. However, neither of them shall reveal intellectual property belonging to the other institute, to any third party without the prior written concurrence of the scientists involved from the other institution.
4. If any IP is developed from the collaborative projects between SCARF and **Guru Nanak College, Chennai** the benefits of that will be shared equally between these two institutions.

Class-3

Non-exclusivity of the MOU:



GURU NANAK EDUCATIONAL SOCIETY (Regd)

Registered Office :

Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai - 600042.

- To sensitize the students to environmental issues thus motivating them to be conscious of the environment

About the Social Work Department

P.G. Dept. of Social Work commenced on 2016, at Guru Nanak College. The Department offers a two year Post- Graduate course - Master of Social Work (MSW) with three specializations: 1. Community Development (CD) 2. Medical and Psychiatric Social Work (MPSW) 3. Human Resource Management (HRM).

Vision

To envision 'person-centered social workers' approach in advocating for individuals, groups, families and communities for human dignity, human rights; and strengthening them for social justice and social inclusion in the current changing global environment.

Mission

To provide a 'student-centered' educational environment; achieving excellence in professional education, research and service and encourage them to think critically towards enhancing the quality of life for individuals and communities; with a 'client-centered' approach and evidence-based practice.

2. Purpose

SCARF and **Guru Nanak College, Chennai** would like to initiate cooperative and collaborative activities, which would address clinical and educational problems of relevance to the country. The instrument of this MOU, elements of which, facilitates this as follows:

Whereas SCARF and **Guru Nanak College, Chennai** wish to co-operate in their respective fields of mutual interest;

Class 1:

Consistent with the goals and purpose of the collaboration, SCARF and **Guru Nanak College, Chennai** have proposed the following areas of technical support, joint research and academic activities:

1. Youth mental health program including promotion of mental health, screening for common mental health issues among students for early identification and youth friendly clinic for management of mental health issues
2. Community development activities pertaining to youth mental health and community mental Health.

Additional areas may be identified in the future as and when required.

Now therefore, the parties hereto agree to sign a general framework agreement on collaboration, subject to specific annexes, which will permit the exchange of research, experience and the organization of joint activities, in close collaboration, pursuant to the following fundamental objectives:

Now therefore, the parties hereto agree to sign a general framework agreement on collaboration, subject to specific annexes, which will permit the exchange of research, experience and the organization of joint activities, in close collaboration, pursuant to the following fundamental objectives:



GURU NANAK EDUCATIONAL SOCIETY (Regd)

Registered Office :

Administrative Block, Guru Nanak College Campus,
New No.161, Old No.53, Guru Nanak Salai, Velachery, Chennai - 600042.

Notwithstanding anything contained in the provisions, excepting Article of the MOU, both institutions have the unrestricted right to seek additional funding for and to co-operate with any agency or Institution, ensuring that it is outside the purview of the collaboration agreed upon.

Class-4

Changes and Modifications:

Any articles of the MOU may be modified or changed by mutual agreement of the parties hereto in writing. The modifications and changes shall be effective from the date on which they are made unless otherwise agreed to.

Class-5

All disagreements, difference of opinion, disputes regarding the interpretation of the provision of this MOU shall be resolved by mutual consultation of the heads of the institutions or their authorized representatives.

Class-6

Use of Logo

The crests and logos of the two institutions are the intellectual property of those institutions, and may not be used without the express written permission of the institution that owns a particular crest or logo.

Class-7

Term

This Agreement remains valid for a term of 12 months from March 2020 to February 2021, unless terminated by either party at any time before the end of the term, subject to three months' prior written notice and the settlement of any outstanding obligations. This Agreement supersedes any previous agreements between SCARF and Guru Nanak College, Chennai

In witness where of the undersigned, duly authorized thereto, have signed this on this day 23-12-2020

For Schizophrenia Research Foundation,
Chennai, India

Dr. R. Thara
Vice-Chairman, SCARF

Dr. R. Padmavati
Director, SCARF

For Guru Nanak College,
Chennai, India.

Sardar Manjit Singh Nayar
General Secretary and Correspondent
Guru Nanak College (Autonomous), Chennai



GURU NANAK COLLEGE (AUTONOMOUS)

(Re-accredited at 'A' Grade by NAAC)

Affiliated to the University of Madras

Guru Nanak Salai, Velachery, Chennai – 600 042

PG Department of Social Work

Collaborating Organization	Schizophrenia Research Foundation (SCARF)	
Duration	From: 1 – 03 -2020	To: 28-02-2021

Description of the Memorandum of Understanding

The PG Department of Social Work in collaboration with SCARF signed a Memorandum of Understanding from the Month of March 2020 to February 2021. This memorandum of understanding (MOU) set down with mutually agreed academic activities in various fields of interest between the Schizophrenia Research Foundation (SCARF) and Guru Nanak College, Chennai.

Schizophrenia Research Foundation is a non-profit nongovernmental organization registered as a society involved in research, training, treatment and rehabilitation in the field of Mental Health. It is a World Health Organization (WHO) Collaborating Center for mental health training and research. It is also recognized by the Department of Science and Technology, Govt of India.

SCARF and Guru Nanak College, Chennai initiated a cooperative and collaborative activity, which would address clinical and educational problems students. The instrument of this MOU, elements of which, facilitates

Consistent with the goals and purpose of the collaboration, SCARF and Guru Nanak College, Chennai addressed the following activities

1. Youth mental health program including promotion of mental health, screening for common mental health issues among students for early identification and youth friendly clinic for management of mental health issues
2. Community development activities pertaining to youth mental health and community mental Health.

MEMORANDUM OF UNDERSTANDING ACTIVITY REPORT

Activity	1	
Event Title	Youth Mental Health Screening	
Date	From: 1 – 03 -2020	To: 28-02-2021
No. of Resource Person	3	
No. of Participants	500	

Report Description

The Department of Social Work (MSW) along with SCARF conducted a Youth Mental Health Screening.

Activity 1

Screening for common Mental Health issues among students for Early Identification.

The Student of Guru Nanak College (Autonomous), Chennai -600 042, were screened class by class following a brief session by the Youth Mental Health Experts from SCARF. The exercise was helpful to students to in order to understand oneself and be aware of the importance of Mental Health.



Students taking part in the session organized for screening

Activity	2	
Event Title	Concurrent Field Work	
Date	From: 06 – 01 -2021	To: 11-03-2021
No. of Supervisors	1	
No. of Participants	2	

Report Description

The Department of Social Work (MSW) along with SCARF collaborated for Concurrent Field Work.

Activity 2

Fieldwork

Two Second year Students from the Department of Social Work specialized in Medical and Psychiatric Social Work were placed for Con-current field work for Semester IV in the academic year 2020-21. The field work in SCARF was helpful in gaining knowledge and Mental Health issues and helped in understand the issues faced by mental health patients. The students were able to learn with mental health experts and also gained experience interacting with mental health experts who practice and contribute to a large extent of people.



Activity	3	
Event Title	Orientation about SCARF	
Date	From: 10 – 11 -2021	To: 10-11-2021
No. of Resource Person	1	
No. of Participants	40	

Report Description

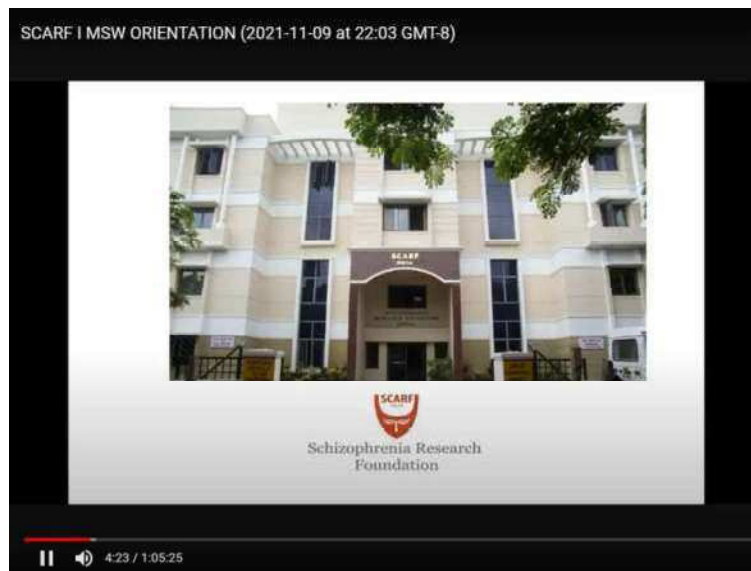
The Department of Social Work (MSW) along with SCARF conducted an orientation about the Mental Health and activities of SCARF Youth Mental Health Screening.

Activity 3

Orientation and Awareness to Social Work Students.

SCARF – 10th Nov 2021 at 11.30am Orientation

The First Year Students of Department of Social Work received an orientation from SCARF Staff. The students were able to understand how the organization was established, projects in different districts, its various activities, about the rehabilitation centers, modes of outreach, collaborations with national and International Organizations etc.





Community Mental Health Programs

MEMORANDUM OF UNDERSTANDING (MoU)

between



The Institute of Cost Accountants of India

and



GURU NANAK COLLEGE (AUTONOMOUS)

(AFFILIATED TO UNIVERSITY OF MADRAS AND RE-ACCREDITED AT 'A' GRADE BY NAAC)

Guru Nanak Salai, Velachery, Chennai 600042.

[A Unit of Guru Nanak Educational Society]



தமிழ்நாடு தமில்நாடு TAMILNADU

11/12/2021

Gurun Nanak College

[Signature]

CD 126345

L.No. 1481/94
A.T. VIJAYAKUMAR
STAMP VENDOR
1, West Karikalan Street,
Adambakkam, Chennai-88

This Memorandum of Understanding (MoU) executed on this the **Friday 12th** day of March 2021

between

THE INSTITUTE OF COST ACCOUNTANTS OF INDIA (ICAI), a Statutory Body constituted under an Act of Parliament i.e. "The Cost and Works Accountants Act" (Act No. 23rd of 1959), having its headquarters at "CMA Bhawan", 12 Sudder Street, Kolkata - 700016, represented through its **President – CMA Biswarup Basu** (which term or expression unless repugnant to the context or meaning thereof shall be deemed to include its successors and permitted assigns) hereinafter referred to as the "**ICAI**", of the "**FIRST PARTY**";



[Signature]

and
2

99



[Signature]



गुर्नानादु TAMILNADU

10/12/21

Guru Nanak College

CD 126346
LN. 1481/B/94
A.T. VIJAYAKUMAR
STAMP VENDOR
1, West Karikalan Street,
Adambakkam, Chennai-68

Guru Nanak College [Autonomous], an Higher Education & Research Institution established by Guru Nanak Educational Society (Regd.) & Affiliated to University of Madras, having its college campus at Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu represented through its **General Secretary and Correspondent, Mr. Manjit Singh Nayar**, (which term or expression unless repugnant to the context or meaning thereof shall be deemed to include its successors and permitted assigns) hereinafter referred to as the "**GNC**", of the "**SECOND PARTY**", WITNESSETH AS FOLLOWS:-

The "ICAI" and the "GNC" are hereinafter, collectively referred to as the 'PARTIES' and individually as a 'PARTY'.



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காரிமாடு 6 தமிழ்நாடு TAMILNADU

CD 126347



WHEREAS:

- I. The Institute of Cost Accountants of India is the only recognized professional body in India to with the objectives of promoting, regulating, and developing the profession of Cost and Management Accountancy in India;
- II. GNC being is a premier higher education & Research institution in Liberal Arts & Social Sciences, Science, Commerce and management disciplines, has well-qualified, reputed and dedicated faculty members, and has been accredited by NAAC with 'A' grade [Year: 2018] and offering around 42 programs at UG, PG level & Research Programmes [Aided & Self Supporting Streams].
- III. The Parties have appreciated each other's objectives in promoting excellence in the area of Academic, Research and Training and are desirous to enter into a Memorandum of Understanding (MOU) so as to record their intention of co-operation and mutual understanding.

[Signature]
L.No. 1481/2/94
A.T. VIJAYAKUMAR
STAMP VENDOR
1, West Karikalan Street,
Adambakkam, Chennai-600 088



[Signature]

4



[Signature]

NOW, THE MEMORANDUM OF UNDERSTANDING WITNESSETH AS FOLLOWS:

1. OBLIGATIONS OF ICAI:

ICAI on its part would facilitate the conduct of Specialised Training Programmes, Faculty Development Programmes, in GNC for the Faculty Members, and Career Awareness Programmes, Workshop for the Students of GNC on areas of mutual interest.

2. OBLIGATIONS OF GNC

- a. Guru Nanak College [Autonomous] will collaborate with The Institute of Cost Accountants of India (ICAI) in Educational, Research and Training Programs related to Cost & Management Accounting, subject to mutual agreement.
- b. GNC would, without detriment to normal work, permit its Faculty Members who are selected to act as resource persons or to participate in training programs or workshops organised by the ICAI.

3. JOINT OBLIGATIONS OF THE PARTIES:

- a. The Parties agree to: Jointly organise Workshops, Seminars, Continuing Education and Training programmes and similar Academic Programmes for Practicing Professionals, Corporate Executives and Faculty Members and students of GNC on the themes of Topical and Professional interest on mutual terms.
- b. Reciprocate participation in National and International Conferences organised by the parties hereto.
- c. Exchange of Faculty Members as may be mutually agreed subject to availability and convenience of the parties hereto.
- d. Regularly exchange course materials, case studies, research publications and other academic and research inputs.



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- e. Extend help and co-operation in developing curriculum of academic and Continuing Education Programmes, on such terms as may be mutually agreed to, including joint participation of suitable faculty/nominees in the meeting of Curriculum Development Committees/bodies; and
- f. Share facilities like infrastructure, library, reading room, etc., as may be mutually agreed.
- g. To carry on such other activities whether connected or unconnected with the existing nature of Object as Both the Parties may mutually agree upon from time to time

4. **Participation in ICAI National and International Seminars & Workshops :**

The students and faculty members of GNC can participate in the national and international seminars and workshops organized by ICAI, which would enable updation of knowledge and skills in various academic areas. The Senior Professors / Faculty Members of GNC may also be invited for various academic and panel discussions.

5. **Faculty Development Programmes:**

When invited by GNC, the members of ICAI will contribute to the Faculty Development Program of GNC in the domain of Management Accounting/ Cost Accounting / Performance Management / Commerce/ Business economics/ Law, etc.,

6. **Terms and Termination of the MOU**

- a) The MoU shall come into force immediately upon its signing by the parties.
- The MoU will be in force for an initial period of three (3) years. The MoU may be reviewed and renewed further on the mutually agreed terms. No Party shall have any right to claim extension or renewal of the MoU.



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b) Notwithstanding clause 7(a), this MoU can be terminated by either of the parties by giving a written notice of 60(Sixty) days without jeopardizing the ongoing collaborative undertakings.

c) The implementation and/or continuance of programmes or project established pursuant to this MoU prior to the effective date of termination shall not be affected by the termination of this MoU.

7. Miscellaneous:

7.1 Amendments

No change, alteration or modification to this MoU shall be valid, unless it is in writing and signed by both the Parties hereto.

7.2 Representations and Warranties

The Parties represent and warrant that they have relevant authority and permission under the applicable laws/ rules/ notifications or by virtue of the order/ instruction/ directive from the relevant authority to enter into this MoU.

7.3 Independent Contractors

Each of the Parties hereto will be construed as an independent contractor. This Agreement does not create a partnership, joint venture, or agency between the Parties. Nothing in this Agreement authorizes either Party to act as an agent for the other Party, to conduct business in the name of the other Party, or make statements on behalf of the other Party hereto.

7.4 Non-Assignment:

This MoU or any right or responsibility under this MoU may not be assigned or transferred by either party without the prior written consent of the other party.

7.5 Nothing in this MoU shall be construed as creating any commercial contract, partnership, agency or other legal relationship between the parties.



If any acts/performance and actions taken by either party without obtaining written consent/concurrence of the other Party such act/performance shall not bind the other Party.

7.7 The MoU does not restrain or preclude parties from entering into similar MoUs with any other organization during currency or the extended currency of this MoU.

7.8 This MoU is subject to the approval of the respective Statutory Authorities of the parties hereto and subject to changes as may be desired.

7.9 Exact details for implementation and/or conduct of programmes, courses or activities as specified in this MoU shall be discussed and determined mutually by the parties and a separate activity-specific-agreement with suitable terms and conditions therefor shall be executed between the parties subsequently.

8 Governing Law

The MoU shall be governed and interpreted in accordance with the applicable laws in India and shall be under exclusive jurisdiction at Chennai.

9 Notices

All notices notifications, request, consents and other communications required or permitted to be given to either party pursuant to this MOU shall be in writing and in English language. Notices shall be given by registered post/email (return receipt requested), facsimile against confirmed answerback or by personal delivery addressed as follows:

(i) For The Institute of Cost Accountants of India:

The President
The Institute of Cost Accountants of India, "CMA Bhawan"
Sudder Street,
Kolkata - 700016

E-mail:
president@icmai.in

(ii) For GNC

The Principal,
Guru Nanak College [Auto],
Chennai - 600 042.

Copy to

The Head of the Department,
PG & Research Department of Commerce
Guru Nanak College[Auto], Chennai - 600 042.


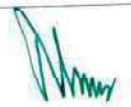
E-mail:

commerceshrt1.hod@gurunanakcollege.edu.in



WITNESS WHEREOF, the Parties hereto have signed and delivered this Memorandum of Understanding on the date, month and year aforesaid.

Signed for and on behalf of

The Institute of Cost Accountants of India	Guru Nanak College [Autonomous]
Signature: 	Signature: 
Name: CMA Biswarup Basu	Name: Mr. Manjit Singh Nayar
Position: President	Position: General Secretary & Correspondent
Seal:	Seal: General Secretary and Correspondent, Guru Nanak College Velachery, Chennai-600 042

WITNESSES:

(Signature, Name & Designation)

1. 
CMA P Raju Iyer
Vice President
The Institute of Cost Accountants of India

1. 
Dr. M.G. Ragunathan
Principal,
Guru Nanak College [A]
Chennai - 600 042

2. 
CMA Rakesh Shankar Ravisankar
Cost Accountant, Chennai
[Prominent Alumnus of GNC]

2. 
Dr. T.K. Avvai Kothai
Associate Professor & Head
P.G & Research Department
of Commerce
Guru Nanak College [A]
Chennai - 600 042



GURUNANAK COLLEGE (AUTONOMOUS)

Affiliated to University of Madras and Re-Accredited at "A" Grade by NAAC
Guru Nanak Salai, Velachery, Chennai-600042.

Event Title	Recent trends in Commerce & Management
Category	Capability Enhancement Program
Date	19 th July 2021 to 25 th July 2021 for 7 days
No. of Resource Person	14
No. of Participants	2023

Event Report - Capability Enhancement Program on Recent trends in Commerce & Management

The event was organised by the Department of commerce (General) - Shift II in association with IQAC and The Institute of Cost Accountants of India continuously from 19th July 2021 to 25th July 2021 for 7 days. The Program was emphasized on Recent trends in Commerce and Management. Eminent speakers addressed meticulously on various topics such as Angel Investors & Start Ups, Cross learning & Technology in curriculum, Transfer Pricing, Recent changes in Company Law, Wealth management & Value Creation for business, Best Practices in HR & Management, Role of financial professionals in health care etc. The Chief patrons of the program our General Secretary Mr. Manjit Singh Nayar & Principal Dr. M.G. Ragunathan, Guru Nanak College and CMA Mr. Biswarup Basu, President & CMA Mr. P. Raju Iyer, Vice President, The Institute of Cost Accountants of India gave their immense support and motivation for the effective execution of the event. Our Vice Principal Dr. N.C. Rajashree, Guru Nanak College encouraged us to make everyday better. We also thank CMA Mr. Rakesh Shankar Ravisankar, Co-opted Member, Internal Auditing Assurance Standards Board for making this collaboration to organise the mega event of this stature.

Day 1 - 19th July 2021

The topic for the day was "Angel investors & Start-ups - Future for MSMEs" Our respected Principal Dr. M.G. Ragunathan inaugurated the event with a welcome address. The keynote speaker Dr. Kamala Balakrishnan, Principal, Annai violet Arts & Science college gave an inspiring speech to bring our ideas into reality and discussed about various measures to be taken for starting a new business and the resource person of the program CA Mr. Rathnakar Samavedham, Expert Speaker on Entrepreneurial Avenues and start ups Spoke about emerging startup hubs in India and what Angel investors look for to invest in the business.

Day 2- 20th July 2021

The topic for the day was "Cross learning & Technology in Curriculum" The keynote Speaker CMA Mr. Debashish Mitra General Manager (Finance), Central Council Member, Chairman - Advanced Studies & Research stated that technology is the great growing engine of change & the future belongs to the risk-takers, not the comfort seekers.

The resource person of the program Dr.Rajachithira Manivannan, Consultant & Advisor, Proprietrix Dianthus - Event Management, Partner-Septcon Ventures, Faculty of Corporate secretaryship, DG Vaishnav College ignited our minds stating that things grow stronger when we synergize and discussed how cross learning can be carried out in educational institutions with technology infusion.

Day 3- 21st July 2021

The topic of the day was "Transfer Pricing" The Keynote Speaker of the program speaker of the program CMA [Dr.] K Ch A V N S Murthy, Central Council Member, Chairman – Journal & Publications Committee, Regional Council & Chapter Co – Ordinator Committee, The Institute of Cost Accountants of India explained the various aspects of taxation.

The resource person of the program Mr.Gomathi Sankar Suriyanarayanan Chief Functionary & Consultant M/s. K & R Management Consultants illuminated our minds on the concepts, purpose, process, provisions, methods of transfer pricing and focused on the importance of transfer pricing with regard to cross-border transactions.

Day 4 – 22nd July 2021

The topic of the day was "Recent changes in Company Law" The keynote speaker of the program CMA Mr.Ashwinkumar G Dalwadi, Central Council Member, Chairman – Information Technology Committee, Cost Auditing and Assurance Standards Board, The Institute of Cost Accountants of India emphasized on the need for adapting to change in an Organisation & the resource person of the program CMA Mr.Vigneshwaran, Practicing Cost Accountant shared his views on different provisions of companies Act.

Day 5 – 23rd July 2021

The topic of the day was "Wealth Management & Value Creation for business" The day started with the special address and inspiring session by CMA Mr.P Raju Iyer, Vice President, The institute of Cost Accountants of India. The keynote speaker of the program CMA Mr.S Hariharan, Founder & Director, Savoir Faire Management Services Private Ltd gave an interesting speech on wealth management and value creation quoting various instances and the resource person of the program Mr.B.Sathyanarayanan, Opex Consultant, Ex-big 4, Kaizen institute explained the key optimization areas in a business for wealth creation and also gave a perception to identify sea of value creation opportunity.

Day 6- 24th July 2021

The topic of the day was "Role of financial professionals in health care insurance" The keynote speaker and resource person of the program CMA Mr.S Bhargava, General Manager, Apollo hospitals insisted that taking an insurance policy provides a safety net and explained about various health care schemes, procedure for making claims, and the role of financial professionals in Insurance Sector. CMA Mr.Rakesh Shankar Ravisankar, Co-opted Member, IAASB also shared his ideas to introduce a certificate course on health care insurance. Our respected Vice Principal Dr.N.C.Rajashree gave the Valedictory address. Vote of thanks was given by Dr.D.Sowmya, Head of the Department.

The topic of the day was "Best Practices in HR & Management"

The keynote speaker of the program CMA Mr. Bhogavalli Mallikarjuna Gupta, Senior Vice President – Taxation Practices @ ArBhar Consulting Pvt Ltd & Advisor @ COMQUO, a startup in compliance profiling of business partners explained that pivoting helps business adapt to changes for betterment and the resource person of the program Mr. S. Narendran, Assistant Professor, HR Practitioner, Department of Human Resource Management, DG Vaishnav College brought out the concept of VUCA world and stated the need to adopt best practices in functional areas of an organization.

Brochure

Guru Nanak College (Autonomous)
(Re-Accredited at 'A' Grade by NAAC)
Affiliated to the University of Madras
Guru Nanak Sahai, Velachery,
Chennai - 600 042.

School of Commerce
Department of Commerce
(General), Shift II

In Association with IQAC &
Internal Auditing Assurance
Standards Board (IAASB).

The Institute of Cost Accountants of India

Capability Enhancement Program on
Recent trends in Commerce &
Management
Date: 19th – 25th July 2021 Time: 1 pm – 5 pm

CHIEF PATRONS


Manjit Singh Nayar
 General Secretary &
 Correspondent
 Guru Nanak College


Dr. M.G. Ragunathan
 Principal
 Guru Nanak College


CMA Biswarup Basu
 President
 The Institute of Cost
 Accountants of India


CMA P Raju Iyer
 Vice President
 The Institute of Cost
 Accountants of India

Organizing Committee:
CMA Dr. D. Sowmya CMA Rakesh Shankar Ravikanth
Convener Co-Opted Member – IAASB

Organizing Secretaries:
Dr. S. Prabhu Dr. G. Prabu Ms. Jayashree B
Assistant Professors, B.com (General) – Shift II

19 th July 2021 Angel Investors & Startup's – Future for MSME's	23 rd July 2021 Wealth Management & Value Creation for Business
 Dr. Kamala Subramanian Principal, Anna's College of Arts and Science (Former of Innovation Institute Incubation Cell) https://forms.gle/3m7D000d	 CMA S. Mohan Founder & Director, Society Value Management Services Private Limited, Chennai.  Mr. Sathyanarayana R. OpEx Consultant, Lean Implementation, Coach, Change Agent, Ex-Big4, Razzer Institute https://forms.gle/3m7D000d
 Dr. Rithinakar Suresh Chartered Accountant, Hyderabad Expert Speaker on Entrepreneurial, Revenue and Taxing 2. https://forms.gle/3m7D000d	 CMA Bhogavalli Mallikarjuna Gupta Chief Taxing Officer, Hyderabad.  Mr. S. Narendran Assistant Professor, HRM Practitioner, Department of HRM, Dr. B. R. Ambedkar Government Arts College, College of Management, https://forms.gle/3m7D000d
<p>20th July 2021 Cross Learning & Technology in Curriculum</p>  CMA Subashish Nair GM - Mysore Railway Corporation Ltd., Central Council Member, Chairman, Advanced Studies & Research, The Institute of Cost Accountants of India.  Dr. Rajashree Mahalingam Consultant & Advisor, Proprietary, Chennai Partner – Spectrum Ventures, Language and Life Skills Learning https://forms.gle/3m7D000d	<p>24th July 2021 Best Practices in HR & Management</p>  CMA Bhogavalli Mallikarjuna Gupta Chief Taxing Officer, Hyderabad.  Mr. S. Narendran Assistant Professor, HRM Practitioner, Department of HRM, Dr. B. R. Ambedkar Government Arts College, College of Management, https://forms.gle/3m7D000d
<p>21st July 2021, Transfer Pricing</p>  CMA Ravi K. Srinivas Central Council Member, Chairman – Journal of Publications Committee, Regional Council of Chapter Coordination Committee, The Institute of Cost Accountants of India.  Mr. Ganesha Sankar Sathyanarayana Chief Practitioner & Consultant, Dr. R. K. & R. Management Consultants https://forms.gle/3m7D000d	<p>25th July 2021, Role of financial Professionals in Health Care Insurance (Key note Speaker) Actuarial Profession-New Beginning in Insurance Sector</p>  CMA S. Bhargava General Manager – Acting Apollo Hospitals Private Limited  Mr. R. Sathyanarayana Divisional Manager (Claims), LIC of India, Chennai. https://forms.gle/3m7D000d
<p>22nd July 2021 Recent Changes in Company Law</p>  CMA Subashish Nair Central Council Member, Chairman, Information Technology Committee, Cost, Rating and Revenue Standards Board, The Institute of Cost Accountants of India.  CMA Vigneshwaran Practising Cost Accountant, Puducherry https://forms.gle/3m7D000d	<p>Register here https://forms.gle/3m7D000d</p> <p>Live Streaming in You Tube </p> <p>For further details contact Email: costaccountant@comquo.com ArBharConsulting@arbharc.com</p> <p>Note: E- Certificate will be provided to all participants.</p>

Day1-19th July 2021



Screen shots of CEP on Day 1

Invite: Day 2 - 20th July 2021



GURU NANAK COLLEGE (AUTONOMOUS)
 Re-Accredited at 'A' Grade by NAAC
 Affiliated to the University of Madras
 Gurus Nanak Salai, Velachery, Chennai - 600 042



School of Commerce
Department of Commerce – General (Shift II)
In Association with IQAC &
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India
 Cordially invites you for the

Capability Enhancement Programme on Recent trends in Commerce & Management
“Cross Learning & Technology in Curriculum”

DATE : 20th July, 2021 **TIME : 1.00 p.m. to 3.00 p.m.**

CHIEF PATRONS

 Manjit Singh Nayar General Secretary & Correspondent Guru Nanak College	 Dr. J.K.G. Ranganathan Principal Guru Nanak College	 CMA Bhiswarup Basu President The Institute of Cost Accountants of India	 CAA P. Raju Iyer Vice President The Institute of Cost Accountants of India
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HONOURABLE GUESTS OF THE WEBINAR

 UMA Debasish Mitra General Manager (Finance) Southern Railway Corporation Ltd. Central Council Member Chairman – Advanced Model & Research	 Dr. Rajeshwari Manivannan Coordinator & Advisor, Programmes Duration Event Management, Project Management Language and Life Skills Learning Faculty of Corporate Secretaryship Desarda Das Gurusaran Das Vidyalaya College
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Registration Link: <https://forms.gle/5G9N5evvRm7ccS9> Live Streaming: <https://youtu.be/3pG2GxTV>
 *No registration fee. E-Certificate of Participation will be provided to all participants
 For Further Query, Mail to: umamitra@1971.soc@gnanankcollege.edu.in

Day 2-20th July 2021



Screen shots of CEP on Day 2

Invite: Day 3 - 21st July 2021



GURU NANAK COLLEGE (AUTONOMOUS)

Re-Accredited at 'A' Grade by NAAC
Affiliated to the University of Madras
Guru Nanak Sahai, Velachery, Chennai - 600 042



School of Commerce
Department of Commerce – General (Shift II)
In Association with IQAC &
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India

Cordially invites you for the
Capability Enhancement Programme on Recent trends in Commerce & Management
“Transfer Pricing”

DATE : 21st July, 2021

CHIEF PATRONS

TIME : 1.00 p.m. to 3.00 p.m.



Manjit Singh Mayar
General Secretary &
Correspondent
Guru Nanak College



Dr. M.G. Rajunathan
Principal
Guru Nanak College



CMA Biswarup Basu
President
The Institute of Cost
Accountants of India



CMA P. Raju Iyer
Vice President
The Institute of Cost
Accountants of India

HONOURABLE GUESTS OF THE WEBINAR



CMA [Dr.] K Ch A V N S Murthy,
Central Council Member,
Chairman – Journal & Publications
Committee, Chairman – Regional Council
& Chapter Cn – Ordinator Committee, The
Institute of Cost Accountants of India.



Shri. Gomathi Sankar
Suriyanarayana
Chief Functionary & Consultant
M/S. K & R Management Consultants

Registration Link: <https://forms.gle/e5r8N6evy8pm7ocS9> Live Streaming: <https://youtu.be/VQcLQo4qRNY>
 *No registration fee. E-Certificate of Participation will be provided to all participants.
 For Further Query, Mail to: commerce@gnccollege.edu.in

Day 3-21st July 2021



Screen shots of CEP on Day 3

Invite: Day 4 - 22nd July 2021



GURU NANAK COLLEGE (AUTONOMOUS)

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Affiliated to the University of Madras
Guru Nanak Salai, Velachery, Chennai - 600 042



School of Commerce
Department of Commerce – General (Shift II)
 In Association with **IQAC &**
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India

Cordially invites you for the

Capability Enhancement Programme on Recent trends in Commerce & Management
“Recent Changes in Company Law”

DATE : 22nd July, 2021

CHIEF PATRONS

TIME : 1.00 p.m. to 3.00 p.m.



Manjit Singh Hayer
General Secretary &
Correspondent
Guru Nanak College



Dr. M.G. Raguathan
Principal
Guru Nanak College




CMA Diwarup Dasu
President
The Institute of Cost
Accountants of India



CMA F. Raju Iyer
Vice President
The Institute of Cost
Accountants of India

HONOURABLE GUESTS OF THE WEBINAR



CMA Ashwinkumar G Dalwadi
Central Council Member,
Chairman, Information Technology
Committee, Cost Auditing and Assurance
Standards Board,
The Institute of Cost Accountants of India



CMA Vigneshwaran
Practising Cost Accountant
Puducherry

Registration Link: <https://forms.gle/w5r6N6evvRpm7qcS9> Live Streaming: <https://youtu.be/j6-qK85IS2Q>

*No registration fee. E-Certificate of Participation will be provided to all participants

For Further Query, Mail to: commerce@gncc.edu.in

Day 4- 22nd July 2021



Screen shots of CEP on Day 2

Invite: Day 5 - 23rd July 2021



GURU NANAK COLLEGE (AUTONOMOUS)

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Affiliated to the University of Madras
Guru Nanak Salai, Velachery, Chennai – 600 042



School of Commerce
Department of Commerce – General (Shift II)
 In Association with **IQAC &**
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India

Cordially invites you for the
Capability Enhancement Programme on Recent trends in Commerce & Management
“Wealth Management & Value Creation for Business”

DATE : 23rd July, 2021

CHIEF PATRONS

TIME : 1.30 p.m. to 3.00 p.m.



Manjit Singh Nayar
General Secretary &
Correspondent
Guru Nanak College



Dr. M.G. Ragunathan
Principal
Guru Nanak College



CMA Biswarup Basu
President
The Institute of Cost
Accountants of India



CMA P Raju Iyer
Vice President
The Institute of Cost
Accountants of India

HONOURABLE GUESTS OF THE WEBINAR



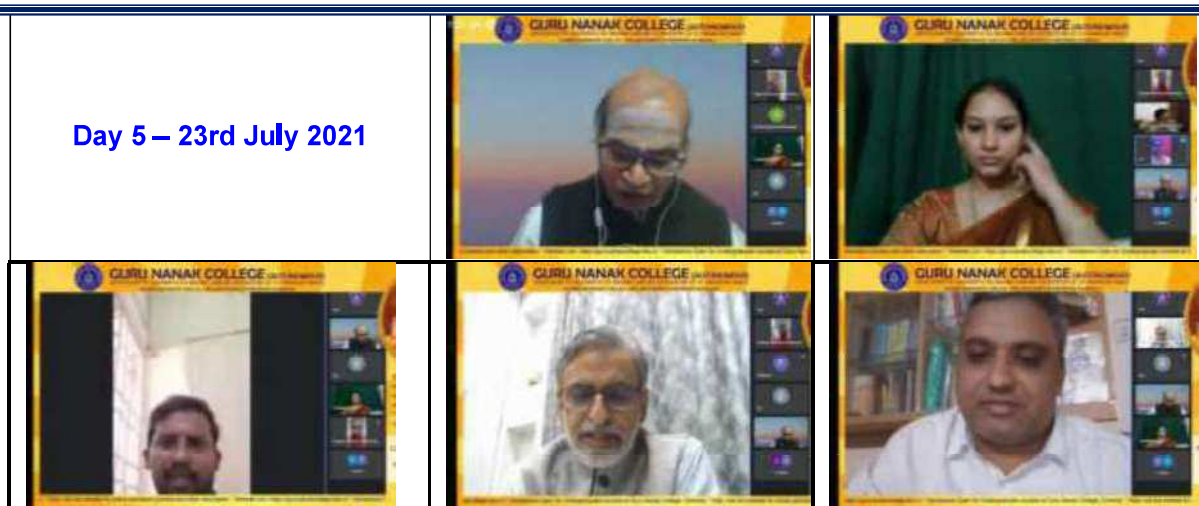
CMA S Hariharan
Founder & Director, Savoir Faire
Management Services Private
Limited, Mumbai



Shri. Sathyanarayanan B.
OpEx Consultant, Lean
Implementation, Coach, Change
Agent. Ex-Big4, Kaizen Institute

Registration Link: <https://forms.gle/e5r6N6evvRpm7ac59> Live Streaming: <https://youtu.be/qhmTMfSe7vk>
 *No registration fee. E-Certificate of Participation will be provided to all participants
 For Further Query, Mail to: commerceshift2.hod@gurunanakcollege.edu.in

Day 5 – 23rd July 2021



Screen shots of CEP on Day 5

Invite: Day 6 - 24th July 2021



GURU NANAK COLLEGE (AUTONOMOUS)
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 Guru Nanak Sahai, Velschery, Chennai – 600 042



School of Commerce
Department of Commerce – General (Shift II)
In Association with IQAC &
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India

Cordially invites you for the
Capability Enhancement Programme on Recent trends in Commerce & Management
“Best Practices in HR & Management”

DATE : 24th July, 2021 **CHIEF PATRONS** **TIME : 1.00 p.m. to 3.00 p.m.**


Manjit Singh Nayyar
 General Secretary &
 Correspondent
 Guru Nanak College


Dr. M. G. Raghunathan
 Principal
 Guru Nanak College


CMA Biswarup Basu
 President
 The Institute of Cost
 Accountants of India


CMA P. Raju Iyer
 Vice President
 The Institute of Cost
 Accountants of India

HONOURABLE GUESTS OF THE WEBINAR


CMA Bhagavathi Mallikarjuna Gupta
 Chief Taxologist
 Hyderabad


Shri. S. Narendran
 Assistant Professor
 HRM Practitioner
 Department of HRM
 Dr. J. J. Govindan Desai Vaidyanath
 College (Autonomous)

Registration Link: <https://forms.gle/55rdh8evvRpm7qcS9> Live Streaming: <https://www.youtube.com/watch?v=55rdh8evvRpm7qcS9>
 *No registration fee. E-Certificate of Participation will be provided to all participants
 For Further Query, Mail to: commerce@gncc.edu.in

Day 6 – 24th July 2021



Screen shots of CEP on Day 6

Invite: Day 7 - 25th July 2021



GURU NANAK COLLEGE (AUTONOMOUS)
Re- Accredited at 'A' Grade by NAAC
Affiliated to the University of Madras
Guru Nanak Salai, Velachery, Chennai – 600 042

School of Commerce
Department of Commerce – General (Shift II)
In Association with IQAC &
Internal Auditing Assurance Standards Board (IAASB)
The Institute of Cost Accountants of India

Cordially invites you for the
Capability Enhancement Programme on Recent trends in Commerce & Management
"Role of Financial Professionals in Health Care Insurance (Key Note Speaker)
Actuarial Profession – New Beginning in Insurance Sector"

DATE : 25th July, 2021 **CHIEF PATRONS** **TIME : 1.00 p.m. to 3.00 p.m.**



Manjit Singh Nayar
General Secretary &
Correspondent
Guru Nanak College



Dr. M. G. Ragunathan
Principal
Guru Nanak College



CMA Biswarup Basu
President
The Institute of Cost
Accountants of India



CMA P Raju Iyer
Vice President
The Institute of Cost
Accountants of India

HONOURABLE GUESTS OF THE WEBINAR



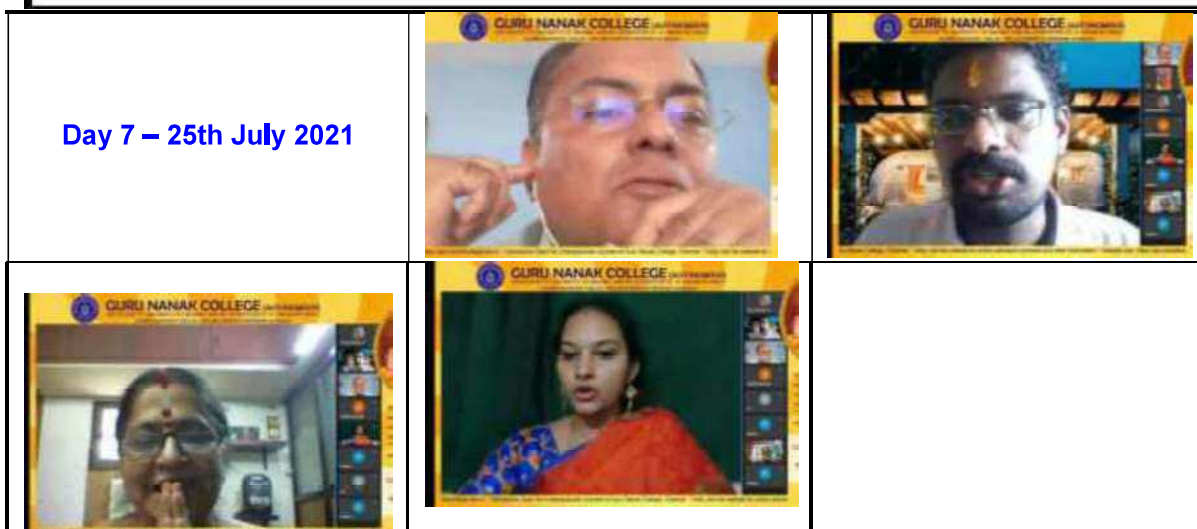
CMA S Bhargava
General Manager – Costing
Apollo Hospitals Private Limited



Shri. R. Satyanarayanan
Divisional Manager (Claims)
I.I.C. of India
Coimbatore

Registration Link: <https://forms.ql/e5r8N6evvRpm7qcS9> Live Streaming: <https://youtu.be/EvXhbXR2Rc>
*No registration fee. E-Certificate of Participation will be provided to all participants
For Further Query, Mail to: commerce@gncc.edu.in

Day 7 – 25th July 2021



Screen shots of CEP on Day 7



Memorandum of Understanding

Between

Guru Nanak College (GNC), Chennai

&

Media India Group (MIG), New Delhi

&

**Europe India Foundation For
Excellence (EIFE), Belgium**

This Memorandum of Understanding has been made and agreed upon between the parties mentioned below, signed on **1st July 2021** by and between the following three entities collectively referred to as "Parties" and each referred to individually as "Party".

BETWEEN

Guru Nanak College hereinafter referred as a "**College**", having its Registered Office at Guru Nanak Salai, Velachery, 600042, Chennai Tamil Nadu

AND

Media India Group, M/s MiG Equity Management Pvt Ltd hereinafter referred as an "**Industrial Partner**", with its registered address at 1226, DLF Tower-A, Jasola District Centre, Jasola, New Delhi - 110025, India

AND

Europe India Foundation For Excellence, hereinafter referred as a "**Knowledge Partner**", with its registered address at 69, Boulevard Louis Mettewie, (bte.18) 1080 Brussels, Belgium

WHEREAS College would be taking steps for the implementation of relevant programmes, mutually decided by all the parties, which would aim **to enhance the employability of students by equipping them with Industry / Business relevant skills.**

WHEREAS, Knowledge Partner will act as a catalyst and through its Education & Skill Development initiatives ensure the proper execution of the project, evaluation of the project and impact assessment.

AND WHEREAS, Industrial Partner through its Industrial expertise and domain knowledge help us in improving the quality of the employable skills of students of

College. In this regard, there are various short, medium and long-term courses undertaken to meet this objective.

Now it is hereby mutually agreed amongst all three parties to this MOU and binds themselves to the terms and conditions enumerated in succeeding paragraphs/Annexures:

1. Roles and Responsibility

The principal roles and responsibilities of the parties will be as set out in Annexure A.

2. Parties Shall

- Not use other party's Intellectual Property unless such other party consents to such use.
- Not do anything which in the reasonable opinion of the other party is or will be harmful to the reputation of the other party.
- Keep each other informed of any matters relevant to the overall functioning.
- Share their expertise or any other information which would be of mutual benefit.

3. Financial Terms and Conditions

The precise financial will vary from project to project and the scope of the work.

4. Duration/ Term of the MOU:

- The MOU shall begin from the date of its execution by the parties hereto.
- This MOU shall continue in full force and effect up to 5 years from the date of signing.
- The validity of this MOU shall be extended sufficiently early for further periods/batches on mutual agreement by the parties to the MOU.

- This Memorandum of Understanding is a document of good faith and Implementation of the MOU would be monitored on a six-monthly basis.

5. Termination

- Any party may terminate this MOU by mutual understanding by giving 3 (three) months' notice in writing served on the other.
- The parties to the MOU understand that, where a course, as aforesaid, is under continuance, the termination shall take effect only on completion of the subsisting course.
- Save as otherwise set out in this MOU, the termination of this MOU howsoever arising is without prejudice to the rights, duties and liabilities of either party accrued before the termination.

6. Confidentiality

a) Each party hereto agrees with the other:

- To keep information in strict confidence and secrecy.
- Not to use the information save for complying with its obligations under this MOU.
- Not to disclose the same to a third party other than the party's professional advisers and such employees of the other party on a need to know basis as per requirements of this MOU, who are under a similar duty to protect confidential information, or any third party having a legal right to obtain disclosure thereof.

b) The restrictions contained in the above clause shall apply to all the parties during the term of and for (one) year after the termination of this MOU but shall cease to apply to information or knowledge which:

- Has in it's entirely become public knowledge otherwise than through any unauthorised disclosure or other breaches of such restriction.
- The other party has consented in writing to the same being disclosed.

- Is or has been independently developed by the other party without reference to or use of the confidential information.

IN WITNESS WHEREOF all the parties hereto set their hands and signed the Memorandum of Understanding on the Current Date.

Guru Nanak College - GNC	Media India Group - MIG	Europe India Foundation For Excellence - EIFE
Signature & Stamp:   GEN. SECRETARY Shri Manjit Singh	Signature & Stamp:  Md. Sameer	Signature & Stamp:  Count Christopher de Breza
Nayar General Secretary & Correspondent Guru Nanak College Chennai	Media India Group M/s MiG Equity Management Pvt Ltd New Delhi	Founding Chairman Europe India Foundation For Excellence, Belgium

MOU GNES and EIFE

- 1. Activity Done : Media Writing Certification Course**
- 2. Organization Name : Europe India Foundation of Excellence(EIFE)**
- 3. Category : Students of Guru Nanak College**
- 4. Department : Guru Nanak Centre for skill Development**
- 5. Date : 12-07-2021**
- 6. No. of Participants : 106**
- 7. Beneficiaries : BA English Students**
- 8. No. of Resource Persons:- 2**
 - (i) Mr Ranvir Nayar**
 - (ii) Mr Vaibhav Agarwal**

Report Description –

This Memorandum of Understanding was signed between Guru Nanak Educational Society (GNES) and Europe India Foundation of Excellence (EIFE) on 6th November 2020. This MOU has facilitated the centre to get associated with various skilling agency such as National Skill Development (NSDC) and Tamilnadu Skill Development Centre (TNSDC) and they also support the institution to conduct certificate courses like Media Writing and other vocational training programs. International Corporate trainers have trained the students in various area of Media. Also, this Hands of training has helped the students for the placement with domestic and international organization. The organization have also provide Faculty Development Programs (FDP) for the faculties.

Signing of MOU between – GNES and EIFE



Signing of MoU between GNCE and EIFE



Group photo taken during MoU signing

Signing of MOU by Head of EIFE Mr Ranvir Nayar and the General Secretary of Guru Nanak Educational Society Mr. Manjit Singh Nayar, accompanied by the Advisor Dr Marlenemorais and the Principal and Vice Principal (Shift-II) of the college.

Certificate Copy



CERTIFICATE

of Participation

This is to certify that

Dr. S. SAVITHRI

ASSOCIATE PROFESSOR

in Guru Nanak college has successfully completed

"Faculty Development Program" on

Introduction to Media Writing

C. de Breza

Count Christopher de Breza



Manjit Singh Nayer

Manjit Singh Nayer

EIFE-GNC-BA-ENG-II



தமிழ்நாடு TAMILNADU

3 DEC 2021

CL 815670

GURU NANAK EDUCATIONAL

MEMORANDUM OF UNDERSTANDING

N. ILANGO VAN STAMP VENDOR
L.No. 17/CH (S) 2010
No.18/11C, Rajalakshmi Nagar,
3rd Main Road, Chennai-600 042.
Cell: 98410 63716 / 86672 19688

This Memorandum of Understanding entered into at Guru Nanak College on this 3rd day of December in the year 2021.

BETWEEN

M/s ICT Academy, a non-profit Society incorporated under the Tamil Nadu Societies Registration Act, 1975 and having its Office at ELCOT Complex, 2-7 Developed Plots, Industrial Estate, Perungudi, Chennai 600 096 (hereinafter called as "**ICT Academy**" which expression shall, wherever the context so permits mean and include successors and assigns.)

AND

Guru Nanak College, Guru Nanak Salai, Velachery, Chennai being the beneficiary of this MoU having its principal place of business at **Chennai, Tamilnadu** duly represented its **Mr Manjit Singh Nayar, General Secretary and Correspondent** (hereinafter referred to as **Guru Nanak College, Chennai** which expression shall, wherever the context so permits mean and include successors and assigns.)

WHEREAS

ICT Academy is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavours to train the higher education teachers and students thereby exercises on developing the next generation teachers and industry ready students.

With training of teachers and students as the primary objective, ICT Academy has been working through a seven pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

In the last 12 years, ICT Academy has strived on every aspect to provide a holistic service to every stakeholder of the education ecosystem in developing the next generation of talent pool in India to make them industry ready employees, innovators, entrepreneurs and leaders.

Through its various initiatives, ICT Academy has been part of strengthening the India's four important visions on Skill India, Digital India, Start-up India and Make in India.

ICT Academy is agreeable to enter into this MOU with **Guru Nanak College, Chennai** as per the terms and conditions set out hereunder:

Now this MoU witnesses as under:

1. SCOPE OF THE MOU

Guru Nanak College, Chennai hereby agrees to implement **Entrepreneurship Cluster Development Program** for the students aspiring to become entrepreneurs in their institution. An initiative to nurture aspiring students/entrepreneurs across the State of Tamil Nadu and guide them towards beginning/running a successful business enterprise on their own.

ICT Academy and **Guru Nanak College, Chennai** would collaborate to implement Entrepreneurship Cluster Development Program for 1076 Students in the respective Institution.

2. ROLE OF ICT ACADEMY

- 2.1. Shall Support on student acquisition and Screening process for the Selection of Students for the program.
- 2.2. Will provide the template for Printing of Marketing Collaterals
- 2.3. Shall provide Handouts to the beneficiaries if any available
- 2.4. Shall provide Self learning access to the students.
- 2.5. Conduct Assessments as and when required.
- 2.6. Certification to all successful students on fulfilling the criteria.
- 2.7. Conduct Awareness Sessions, Mentoring Sessions, Training sessions as per the project plan

3. ROLE OF GURU NANAK COLLEGE, CHENNAI

- 3.1. Shall work along with ICT Academy in mobilising the students from 2021 – 2022 passing out/Passed out Students to take up the Training.
- 3.2. Should take declaration from the student that they will not discontinue the program
- 3.3. Shall appoint one coordinator to coordinate between ICT Academy and the Institution
- 3.4. Organise an Inauguration function and cover the training with Photographs & Videos.
- 3.5. Shall provide necessary infrastructure if any required.
- 3.6. Submit all acknowledgements and reports as per the requisites of the Project.

4. OPERATION OF THIS MOU

Upon execution of this MoU, ICT Academy shall communicate to **Guru Nanak College, Chennai** and the training schedules. Thereupon, the Parties shall mutually discuss and agree on the operational terms based on which ICT Academy would offer its services.

5. VALIDITY OF THIS MOU

- 5.1. The validity of this MoU would be for 2 years from the date of signing the MoU for the proposed Entrepreneurship Development Program. The MoU may be renewed on mutually agreed terms between the Parties.
- 5.2. The Parties shall enter into firm binding agreements on the areas which are not covered under this MoU. Upon the execution of such agreements, this MoU may be terminated. Both parties shall have the right to terminate this MoU, if any of the party does not comply with its obligations under this MoU by issuing 30 days' prior notice.

6. CONFIDENTIALITY

- 6.1. The Parties shall treat all information, documents, contents and materials pertaining to **ICT Academy** or **Guru Nanak College, Chennai** provided under this MoU as confidential.
- 6.2. **ICT Academy** or **Guru Nanak College, Chennai** shall not disclose any aspect of any confidential information to any third party in any manner whatsoever other than in the normal course of agreed terms under this MoU.
- 6.3. The confidentiality of information shall survive the termination of this Agreement.
- 6.4. Upon the termination of this MOU, **Guru Nanak College, Chennai** shall return all the contents, training materials and such other information provided by **ICT Academy** under this MoU duly without any undue delay and in cases where such information is not capable of being returned the same and provide a certificate to that to ICT Academy.

7. INTELLECTUAL PROPERTY

- 7.1. All the intellectual property rights with respect to the programs, contents provided by ICT Academy shall vest with ICT Academy and upon the termination of this Agreement by efflux of time or such other earlier termination, the college shall not have the right to use programs, contents, and such other training materials installed under this MoU and return the same to ICT Academy. **Guru Nanak College Chennai**, shall not infringe the intellectual property rights of ICT Academy and shall duly intimate of any such infringement by any third parties.

8. INDEMNITY

- 8.1. Both **Guru Nanak College, Chennai** and **ICT Academy** agree to hold harmless and indemnify each other, from and against all action, demands, proceedings, prosecutions, attachments, claims or causes of action whatsoever, including (but not limited to) attorneys' fees and other costs arising out of:
 - (a) Any breach of this Agreement by either party
 - (b) Any negligence on the part of either party

9. NOTICES

All notices regarding this Agreement shall be by personal delivery or by certified or registered mail, postage prepaid, at the addresses as either of them may so provide by notice given to the other in the same manner.

10. GOVERNING LAW

This MOU is made under and shall be governed by and construed under the laws of the Republic of India under the jurisdiction of the courts at Chennai.

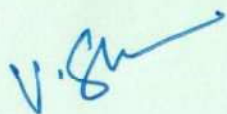
11. ARBITRATION

In the event of any claim, controversy, dispute or difference between Parties, arising out of or in connection with or in relation to this Agreement, either Party will be entitled refer the same to arbitration in accordance with the rules of arbitration of the Arbitration and Conciliation Act 1996.

There shall be three arbitrators, one to be appointed by **ICT Academy**, the other to be appointed by **Guru Nanak College, Chennai** and the third to be appointed by the two arbitrators appointed by the Parties. The award of the arbitrators shall be final and binding on the Parties. The Arbitration proceedings shall be held at Chennai.

In witness whereof the Parties have executed this MoU on this the 3rd day of December 2021

For ICT Academy



Name : Mr V.Srikanth
Designation
Head Corporate and Government Initiatives
ICTAcademy

Witness

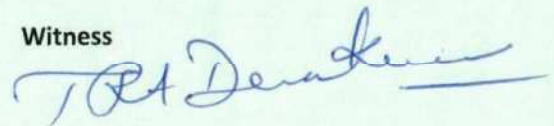


For Guru Nanak College, Chennai



Name : Mr Manjit Singh Nayar
Designation
General Secretary & Correspondent
Guru Nanak College, Chennai
GEN. SECRETARY
GURU NANAK EDUCATIONAL SOCIETY (R)

Witness



MOU GNES & ICT Academy (HDFC)

- 1. Activity Done : Entrepreneurship Training**
- 2. Organization Name : ICT Academy for Implementing HDFC project**
- 3. Category : Students of Guru Nanak College**
- 4. Department : Guru Nanak Centre for skill Development**
- 5. Date : 03-12-2021**
- 6. No. of Participants : 1101**
- 7. Beneficiaries : Students from Commerce, Science and Humanities**
- 8. No. of Resource Persons:- 3**
 - (i) Mr Srikant
 - (ii) Mr pornachandran
 - (iii) Mr Murugavel

Report Description –

Guru Nanak College (Autonomous) has signed the Memorandum of Understanding (MOU) with ICTAcademy for the entrepreneurship program “**Aspiring Entrepreneurs Program -2021**” and 1101 students were benefited in this program. ICT Academy in association with HDFC Bank have briefed the students on how to become a successful entrepreneur in the inaugural function that was held in the college campus. All the young aspiring entrepreneurs in the age group of 20 to 25 were taught how to equip them with Competence, Confidence and Connections to build a strong foundation for their entrepreneurial journey. Further Students will be trained with the experts in the field and after successful completion of the training they can submit their innovative proposals to the company and the shortlisted students will be provided with bank loans to implement their ideas to establish their business. The General secretary and Correspondent of the college Mr Manjit Singh Nayar, Advisor to the management Dr Merlene Morais, Principal, Mr V.Srikant Head Corporate Initiatives and the State Head of ICT Academy Mr Purnachandran graced the event.

Signing of MOU between – GNES and ICTACADEMY



Signing of MOU by the General Secretary of Guru Nanak Educational Society Mr. Manjit Singh Nayar and Mr Srikant , ICTACADEMY Head Corporate and Government Initiatives.



Training session



Invitation/Brochure



**GURU NANAK CENTRE FOR SKILL DEVELOPMENT
&
GURU NANAK CENTRE FOR INCUBATION,
INNOVATION, ENTREPRENEURSHIP & STARTUP**

In association with
ICT ACADEMY

Inauguration of
ASPIRING ENTREPRENEURS PROGRAM 2021

START UP!
MAKE A
DIFFERENCE!

 **ASPIRING
ENTREPRENEURS
PROGRAM 2021**
ENTREPRENEURSHIP AWARENESS CAMPAIGN



Date : 03rd December 2021 **Time : 9.30 a.m.** **Venue : Guru Ramdas Hall**

Dr. M.G. RAGUNATHAN
Principal

Mr. MANJIT SINGH NAYAR
General Secretary & Correspondent

CERTIFICATE

