



# Vidyasagar University

Midnapore, West Bengal

721102



## 3.7.2: Supporting Documents



e-copies of the MoUs with institution



पश्चिम बंगाल WEST BENGAL

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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

VIDYASAGAR UNIVERSITY

AND

TCG LIFESCIENCES LIMITED, KOLKATA

FOR

COLLABORATIVE RESEARCH AND JOINT Ph. D.  
PROGRAMME

### THE MEMORANDUM OF UNDERSTANDING (MoU)

THIS MEMORANDUM OF UNDERSTANDING (MoU) made and entered in duplication on this 29<sup>th</sup> day of DEC in the year 2022 between Vidyasagar University, Midnapore, Paschim Medinipur, PIN-721102, West Bengal (hereinafter called VU) of the **ONE PART**;

And

**TCG LIFESCIENCES LIMITED** having its registered Office at Block BN, Plot No.7, Sector-V, Salt lake, Kolkata- 700 091, West Bengal (hereinafter called TCGLS which shall include its subsidiary companies as well as affiliates companies in Lifesciences, incorporated by promoters of TCGLS) on the **OTHER PART**.



## **PREAMBLE**

Whereas the VU has the objective to provide, facilities and promote studies in emerging areas of Higher Education on the frontiers of science, technology and management education. In pursuance of the objective, the Vidyasagar University has been endeavoring to develop closer relationship with the corporate world and to build upon Industry- Institute relationship so that the synergy between academics and business world can be reaped to the fullest extent.

**WHEREAS** TCGLS, a leading company engaged in contract research services and informatics providing services to global pharmaceutical and biotechnology companies in the area of drug discovery & development as well as involved in basic research. The company presently has more than 850 scientists (including approx 100 Ph. D.s) operating from Kolkata, Delhi, Pune Mumbai, USA and Europe.

**NOW THEREFORE, IT IS HEREBY AGREED TO BY AND BETWEEN VIDYASAGAR UNIVERSITY AND TCGLS AS FOLLOWS:**

### **1. PERIOD OF MoU**

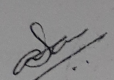
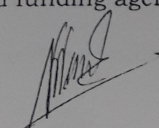
This MoU comes into effect from the date of its signing and will remain in force for a period of 6 years on renewal basis.

### **2. SCOPE OF THE WORK**

The details of the agreements are as given below:

#### **I. Collaborative Research Program**

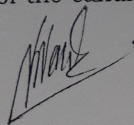
- a) That VU and TCGLS would work together in writing the research proposals in the area of chemical and biological sciences primarily aligned to pharmaceutical industry needs for funding from various national and international funding agencies.



- b) The terms and conditions regarding, sharing of work, facilities, data, Intellectual Properties and other related issues in case of joint research work shall be decided in advance for each proposal/project individually in writing by both the parties.

## **II. Joint Ph. D. Program**

- a) The regular Masters staff of the TCGLS, as nominated by them, shall be registered for regular Ph.D. programs of the VU through entrance test/any other admission criteria applicable to any other candidate.
- b) The staff of TCGLS shall have to fulfill all the conditions laid down in the ordinance for Ph.D. of the University, including, course work, research work and publications as applicable to any other candidates.
- c) In the case of any change in the Provisions of the Ordinance for Ph.D., the same shall be applicable to the candidates sponsored by the TCGLS.
- d) The candidates of the TCGLS shall work under supervision of the regular faculty of the Vidyasagar University as per the Ph. D. Ordinance of the VU. However, for day to day supervision of the Ph. D. work, TCGLS shall nominate a senior Ph.D. staff member as a co-guide who has a minimum of five years regular experience in conducting/supervising research work. In the event the co-guide leaves the employment of TCGLS, the company shall immediately nominate another eligible staff member in place of the earlier co-guide in consultation with the University. Ph. D. registration should be made as per the relevant ordinance of the University (VU).
- e) The candidates of the TCGLS shall work in the laboratory of TCGLS and VU, as desired mutually by the supervisors.
- f) For effective supervision of the candidates, supervisors both from VU





and TCGLS shall undertake video conferencing, mutual visits, as and when required, but not more than once a year on either side.

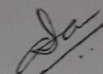
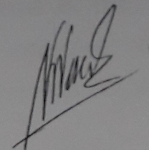
- g) TCGLS shall bear the travel expenses of mutual visit.
- h) In the event the TCGLS sponsored Ph.D candidate during his Ph.D program resigns from TCGLS or gets terminated from the employment with TCGLS, the said candidate will not be allowed to carry on with his Ph. D. under this MoU and the said candidate shall be liable to refund back TCGLS the financial loss incurred by them.

### **III. Management of this MoU**

For the smooth implementation and operation of this MoU, an 'alliance management team (AMT)' shall be formed which would constitute of 6 members with 3 members nominated by each party. The AMT shall look into various operational aspects and lay down 'specific operating procedures (SOPs)' from the time to time. The SOPs formed and signed by AMT would be binding on both parties till they are not revised or rescinded by AMT. Both parties will have liberty to change its nominated members under intimation to the other party.

### **IV. Communication between VU and TCGLS**

Both parties shall maintain regular communication and exchange data and other information in such manner and frequency as mutually decided on case to case basis. All information exchanged shall be confidential in nature unless the same is in public domain or the recipient has been allowed to treat the same as non-confidential by the other party. The disclosure of the same shall be governed by the Secrecy Clause of the MoU. The mode of communication will include personal meetings, teleconferences, video conferences, emails, postal communications, use of electronic media, etc.



**V. Other Measures to promote closer Ties**

The VU and TGGLS shall work together to promote closer interaction between scientists of TCGLS and faculty of the VU through various measures such as organizing joint seminars, workshops, talent hunt competitions etc.

**3. Right of the Ownership/Technology Transfer and Utilization**

The know-how generated from joint efforts will be the joint property of VU and TCGLS. It shall be the responsibility of both party jointly with equal share to take necessary action for protection of intellectual property arising out of joint efforts through proper instruments, such as, patents, copy right and publications and commercialization etc.

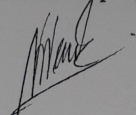
**4. Secrecy**

It is hereby agreed that the participating agencies shall keep information including but not limited to data, document, structure, formulae, know-how collected completely secret and discloser shall be made on the terms and conditions mutually agreed upon.

**5. Termination**

In case of any default by either party, the aggrieved party shall intimate the other party of its grievance and give the defaulting party a reasonable opportunity to make good the default, failing which, the matter will be put up for arbitration as defined below, in the event the arbitration bench fails to reach a consensus for dispute resolution, the aggrieved party will be at liberty to issue a termination notice to the other party. The notice period will be 6 months.

It has also been understood by both the parties that in case of termination of this MoU, the rights and responsibilities of both the parties will continue in terms of the TCGLS candidates enrolled for Ph. D program till they complete their Ph. D and in terms of collaborative research projects till the projects are completed.





6. **Funding**

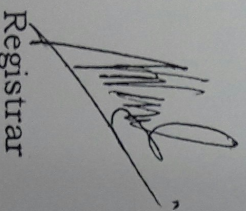
- 1) The specific proposal of research shall be made jointly by the concerned supervisor from VU and TCGLS.
- 2) TCGLS shall make the funding for the project outlay.
- 3) The release of fund may be made by TCGLS, annually as per the progress of the project.

7. **Arbitration**

In the event of any question, dispute or difference whatsoever arising between the parties to this Agreement out of or relating to the construction, meaning scope, operation or effect of this Agreement or the validity of the branch thereof shall be referred to Arbitration wherein Vice Chancellor, VU and Head HR & Admin, TCGLS will constitute the Arbitration Bench. In the event they fail to resolve the dispute within a period of 3 months from the notification by one party to other of the existence of such dispute, then the provisions of Indian Arbitration and Conciliation Act, 1986 as amended shall apply.


8. **Governing law**

The law of India shall govern this Contract for the time being in force. IN WITNESS WHEREOF the parties hereto have signed, sealed and delivered this Agreement on the day, month and year first above written in presence of.



Registrar

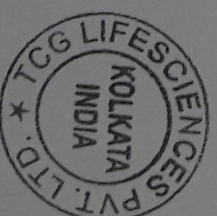
(For Vidyasagar University)



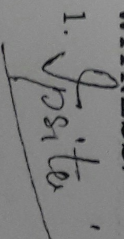
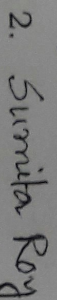
Anirban Mitra

Head HR & Admin

For TCG Life Sciences Ltd.



**WITNESS:**

1. 
2. 





पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

AM 717004



### Memorandum of Understanding (MoU)

**Measurement of vertical profiles of temperature, relative humidity  
and winds using GPS aided Radiosonde**

**between**

National Remote Sensing Centre (NRSC)  
ISRO, Department of Space, Govt. Of India  
Balanagar, Hyderabad – 500003, Telangana.

**and**

Vidyasagar University, Midnapore-721102, West Bengal, India

**Signed on:**

*[Signature]*  
30/6/2023

DR. JATISANKAR BANDYOPADHYAY  
Director  
Centre for Environmental Studies (CES)  
Vidyasagar University  
Midnapore - 721102, West Bengal

*[Signature]*  
(HARVEER PRATISHAD)  
SC/09 SF

*[Signature]*  
Registrar  
VIDYASAGAR UNIVERSITY  
Midnapore – 721102, W.B.

*[Signature]*  
DR. JATISANKAR BANDYOPADHYAY  
Director  
Centre for Environmental Studies (CES)  
Vidyasagar University  
Midnapore - 721102, West Bengal



Nil

## (ii) Purpose/Need for MOU

Radiosonde Network for NICES (RANN) is a project under NICES program. ISRO formulated NICES with the mandate to build an information base for climate change impact assessment and recommendation for mitigation under the guidance of NICES Programme Management Council (NICES-PMC) with representatives from inter and intra-departmental institutions. As part of this program, regular GPS aided radiosonde measurements of vertical profiles of air temperature, atmospheric pressure, relative humidity and winds (speed and direction) are to be carried out at several locations using ISRO developed Pisharoty Sonde which is hosted on a Helium/Hydrogen gas filled balloons. This MoU intends to facilitate the Radiosonde installations, ascents together with future network expansion.

## (iii) Parties involved in MOU

## First party (NRSC)

National Remote Sensing Centre (NRSC)  
ISRO, Dept. of Space, Govt. of India  
Balanagar, Hyderabad-500037, Telangana, India.

## Second Party

Registrar, Vidyasagar University  
Midnapore, West Bengal-721102, India

## 2 Authorised signatories


## First Party


Deputy Director,  
Earth & Climate Science Area (ECSA)  
National Remote Sensing Centre (NRSC),  
ISRO, Dept. of Space, Govt. of India  
Balanagar, Hyderabad-500037, Telangana  
Phone-04023884211  
Email- ddecsa@nrs.c.gov.in

## Second Party

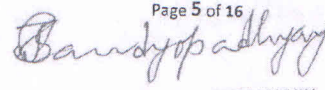
Registrar, Vidyasagar University  
Midnapore, West Bengal-721102, India  
Phone: 03222-298220  
03222-275297  
Email-registrar@mail.vidyasagar.ac.in

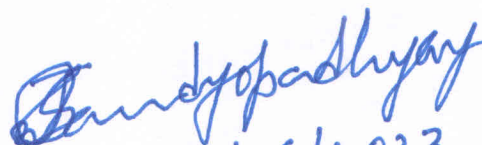
## 3 Present Functionaries and Contact Details

  
(HARCEEF RASHID)

  
Registrar  
VIDYASAGAR UNIVERSITY  
Midnapore - 721102, W.B.

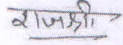
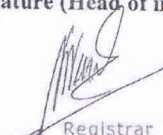



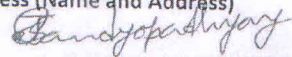
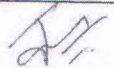

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DR. JATISANKAR BANDYOPADHYAY  
Director  
Centre for Environmental Studies (CES)  
Vidyasagar University  
Midnapore - 721102, West Bengal

  
30/06/2023

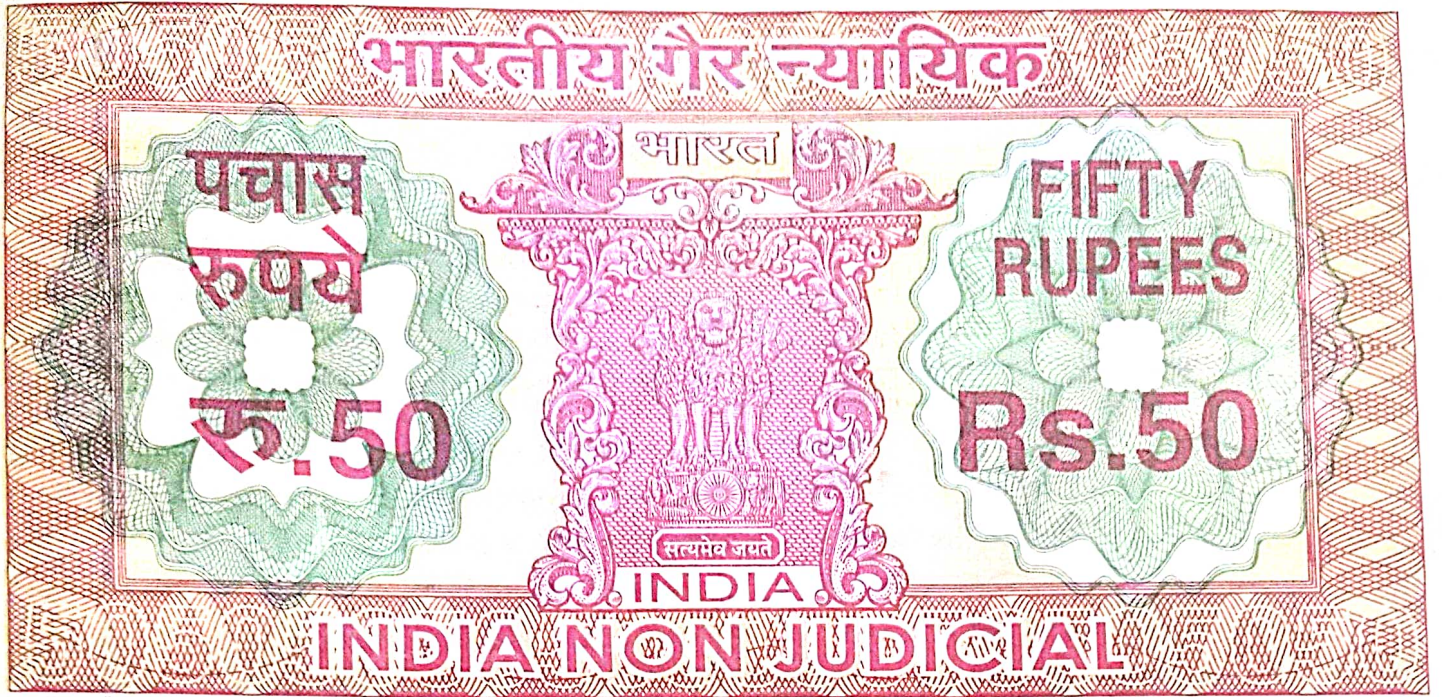
DR. JATISANKAR BANDYOPADHYAY  
Director  
Centre for Environmental Studies (CES)  
Vidyasagar University  
Midnapore - 721102, West Bengal

## Seal of Both Parties

First Party	Second Party
For and on behalf of National Remote Sensing Centre (NRSC), ISRO, DOS, Balanagar, Hyderabad, Telangana, India.	For and on behalf of Vidyasagar University, Midnapore- 721102, West Bengal, India.
Signature (Head of institution)  डॉ. राजश्री वि. बोथले / Dr. Rajashree V Bothale उप निदेशक, ईसीएसए / Deputy Director, ECSA पृथ्वी एवं जलवायु विज्ञान क्षेत्र (ईसीएसए) Earth & Climate Sciences Area (ECSA)	Signature (Head of institution)  Registrar VIDYASAGAR UNIVERSITY Midnapore - 721102, W.B.
Seal 	Seal 
Witness (Name and Address) 1.  SYED SHADAB Sci/Eng. - 'SE' NRSC, Hyderabad	Witness (Name and Address) 1.  DR. JATISANKAR BANDYOPADHYAY Director Centre for Environmental Studies (CES) Vidyasagar University Midnapore - 721102, West Bengal
2.  C. JAMSREE Sci/Eng. SF ECSA/NRSC, Hyderabad.	2.  Deputy Registrar (Academic) VIDYASAGAR UNIVERSITY Midnapore-721102, W.B.
Date: _____	Date: 08-12-2022

  
30/6/2023  
DR. JATISANKAR BANDYOPADHYAY  
Director  
Centre for Environmental Studies (CES)  
Vidyasagar University  
Midnapore - 721102, West Bengal





পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

AC 332789

**Memorandum of Understanding (MoU)**

**Between**

**ICAR-Central Inland Fisheries Research Institute, Barrackpore, West Bengal  
(An Unit of Indian Council Of Agricultural Research, New Delhi)**

**And**

**Department of Fishery Sciences  
Vidyasagar University, Midnapore, West Bengal**

This Memorandum of understanding (MoU) is made on this 23<sup>rd</sup> day of the month of December in the year 2021 by and between the ICAR-Central Inland Fisheries Research Institute, (ICAR-CIFRI) having its Head Office at Barrackpore, Kolkata-700120, West Bengal is the ONE PART and Department of Fishery Sciences, Vidyasagar University, Midnapore, West Bengal is the OTHER PART.

In accordance with the mutual consent to promote cooperation both the Institute and the University enter into a formal statement of collaboration in the form of Memorandum of Understanding (MoU) for the purpose of academic interaction as under:



## 1. Parties to the MoU

### ICAR — Central Inland Fisheries Research Institute, Barrackpore

ICAR-Central Inland Fisheries Research Institute, Barrackpore under ICAR, a premier research Institute in the field of inland open water fisheries research, training and extension encompassing lacustrine, riverine, reservoir and floodplain environments, enhanced and culture-based fisheries, etc. besides conducting studies on aquatic pollution, behavior and migration of fishes and environmental impact assessment related to various developmental projects.

With the growing food scarcity in the country during and after the World War II, the need was felt for organizing fisheries research covering the entire country for harnessing the cultivable waters for fish production. This gave birth to Central Inland Fisheries Research Station (CIFRS) in March, 1947, at old Mint House, Strand Road, Calcutta. The present institution at Barrackpore, the oldest cantonment of India was formally declared open by Dr. B. C. Roy, the first Hon'ble Chief Minister of West Bengal on June, 17 in 1959. The administrative control of the CIFRI was transferred from the Ministry of Food and Agriculture, Government of India to the Indian Council of Agricultural Research with effect from October 01, 1967. The research programme of the Institute was thoroughly re-oriented and was re-drawn into priority laid and problem oriented projects during 1967.

The Institute has scientific cadre strength of 85 scientists working in inter-disciplinary mode in 5 full-fledged Divisions and two sections. In addition, the Institute has 4 Regional Centres and two Research Stations. The mandate of the Institute as approved by the ICAR is as follows:

- Basic and strategic research for sustainable management of inland openwater resources.
- Develop protocols for productivity enhancement in reservoirs and wetlands and aquatic ecosystems health management.
- Act as repository of information on inland open water fisheries resources.
- Human resource development through training, education and extension.

ICAR-CIFRI, Barrackpore is the Center of Excellence for research and innovation in the field of inland fisheries. This organization has a proven record for advance in researches in the field of fisheries science including riverine fisheries, fish breeding, population dynamics, climate change, health of aquatic ecosystems like river, wetland, reservoirs, lakes, tanks etc. on vital issues and other focused area covered under broader domains of advanced fish biology. Bio-informatics, molecular biology, disease diagnostics, econometrics and modeling beside this, Institute has expertise in enclosure culture and culture-based fisheries.



In order to encourage and facilitate best quality research, education and extension in inland openwater fisheries research and natural resource management in the country, ICAR— CIFRI, Barrackpore is keen to share its world class resources through collaborating with the universities/ organizations in this endeavor as per ICAR rules and guidelines.

### **Department of Fishery Sciences, Vidyasagar University (VU), Midnapore, West Bengal**

Vidyasagar University is a State University and was established for enhancing academic environment of the rural areas of Medinipur and adjacent areas. Vidyasagar University came in to existence on 29<sup>th</sup> September, 1987 under the West Bengal State Universities (Amendment) Act, 1981 (West Bengal Act- 1/1981), and is presently functioning from Midnapore 721102. The Department of **Fishery Sciences** starts its journey in the year 2003 to fulfill the demand of different UG students of Vidyasagar University as well as Industrial Fish & Fisheries (IFF) of different state university. The department has crossed around 18 years of its academic journey producing more than 500 Post Graduate students and most of them have recruited in different corporate jobs including Government sectors. The Department of Fishery Sciences offers Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) degree in Fisheries Science.

### **2. Scope of cooperation**

The broad scope of work (but not limited to) are assisting Vidyasagar University in formulation of different Fisheries courses to create projects which can contribute to the development of the fisheries sector, the most vibrant sector under Agricultural domain through the acquired knowledge and skills and earned values while the students involved in such projects be engaged in public service or as an entrepreneur. On the other hand Department of Fishery Sciences, VU will assist **ICAR-CIFRI** in demonstration and conducting field trials of various technologies and tools including river ranching in Ganga and other rivers.

More specifically, ICAR-CIFRI and Department of Fishery Sciences, Vidyasagar University will extend cooperation in the following areas:

1. Capacity building of faculty members through in-service training in their specialized fields related to inland fisheries.
2. That the students of post-graduation and PhD Course registered with the Department of Fishery Sciences, Vidyasagar University will be allowed to undergo research programmes of specified duration with approval of both the Institutions and on payment of nominal charges (ICAR guidelines) as specified by ICAR-CIFRI, Barrackpore.



3. That the number of such students will be based on ICAR-CIFRI research agenda and availability of ICAR-CIFRI scientist's time to guide the students.
4. Identification of collaborative research programmes and field trials to be taken up.
5. Assisting in organizing study tours to the visiting faculty members and students and making them familiar with research and extension activities during their visit to CIFRI or its station or other research project sites.
6. Assisting in identification of potential in land fisheries intervention sites and lining them up for the Student Ready programme through on-site training and attachment to such sites.
7. Assisting in providing services of faculty members for the delivery of selected specialized courses and visits as and when required.
8. Collaboration in organizing joint seminars/ workshops.
9. Collaboration in conducting field trials of management practices, technologies and tools developed by ICAR-CIFRI, wherever appropriate
10. Development and demonstration of various forms of culture-based fisheries under community management
11. Both ICAR-CIFRI and Department of Fishery Sciences, VU will undertake jointly agreed student research programmes.

### **3. General Terms & Conditions**

The MoU will be subject to the following terms and conditions between ICAR-CIFRI, Barrackpore and Department of Fishery Sciences, VU, Midnapore:

- I. The technical programme of research of the student will be decided by the Advisory committee in consultation with the Co-Guide/ Major Principal Guide of ICAR-CIFRI and Department of Fishery Sciences, VU as the case maybe.
- II. For guiding post-graduate and Ph. D. student as a major advisor/guide or co-guide in case of aforementioned joint programmes, staff members of the ICAR-CIFRI shall be accredited as faculty member by the university.
- III. The Department of Fishery Sciences, Vidyasagar University shall recognize the



ICAR Institute (ICAR-CIFRI, Barrackpore) and specific disciplines/ divisions/ departments as Centres for conducting research work for the award of post-graduate/ Doctoral degrees.

- IV. That the scientist/Officers of the ICAR-CIFRI, Barrackpore on their individual merit and in accordance with the UGC guidelines and University rules and regulations shall be recognized by Vidyasagar University as Supervisor/Co-supervisors/Guide/Co-guides/External supervisors for guiding research.
- V. That the Scientists and the Research Fellows/Young Professionals of the ICAR\_CIFRI shall be allowed to register for Doctoral programs run by the Vidyasagar University. The scientists of the ICAR-CIFRI, Barrackpore may be incorporated in the Departmental Research Committee (DRC) as an expert in the relevant subject/field.
- VI. That the Department of Fishery Sciences, Vidyasagar University may invite ICAR-CIFRI Scientists/ Experts as visiting faculty members to deliver lectures as per requirement of the University in various courses. However, TA and DA may be borne by University; Suitable honorarium may also be given to concerned scientist as per University rules.
- VII. The programme of research duly approved by the Director ICAR-CIFRI and Dean/Principal Post-Graduate studies of Vidyasagar University pertaining to partial fulfillment of degree shall be termed as joint programme.
- VIII. For components of the teaching programme that require maintenance of academic record (attendance, conduct of examination, marks submission of results, etc.) of students, the concerned scientists shall ensure to maintain and submit the required records as per academic calendar and schedule of each other Institutions.
- IX. The student will be bounded by the rules and regulations of both the Institutions
- X. The implementation and regulation of MoU shall be monitored and discussed by the HOD/TIC, Department of Fishery Sciences, VU and the Director, ICAR-CIFRI from time to time and in case any interim modification/alternation that may be felt necessary shall be brought into force.
- XI. Any violation in aforesaid terms and conditions of the MoU may lead to termination of MoU after mutual discussion of the HOD/TIC, Department of Fishery Sciences, VU and the Director, ICAR-CIFRI.
- XII. Any dispute will be resolved amicably by holding discussions between the appropriate authorities of both the Institutions authorized by the respective Vice Chancellor/ Director. In all cases, the decision of the Vice-Chancellor/ Director of the Institute will be final and binding upon all concerned.

#### **4. Intellectual Property Rights**



i) That it is agreed that all outcomes of the ICAR-CIFRI, Barrackpore/Vidyasagar University, Midnapore pertaining to joint research activities, including all intellectual property rights (IPR), shall be jointly owned by both the parties.

ii) The University will be expected to ensure protection of Intellectual Property Rights generated or likely to be generated during the students' research work. The ICAR as the first applicant and the University shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/author. The "ICAR Guidelines for Intellectual Property Management and Technology Transfer/ Commercialisations" shall be the reference for exploitation of the generated intellectual property, and whose benefits sharing shall be mutually decided in each case.

iii) That, the research findings as a result of this collaborative work will be published in public interest after mutual agreement of both the parties. Any publication (s) resulting from the post-graduate research work must be processed jointly by the scientists/supervisors at ICAR-CIFRI, Barrackpore and the faculty at VU and explicitly recognize that work has been at ICAR-CIFRI, Barrackpore and VU, Medinipur. The norms already existing for publishing student's research at VU and that at ICAR-CIFRI, Barrackpore shall be followed. Research findings published by either party will give due credit to other party's contribution, but the publishing party shall be entirely responsible for flaw less conclusions and interpretations reported.

#### **5. Effective Time Period**

This agreement will be-in-effect from the date of signing this MoU by both the parties for five years and renewed further if mutually agreed. However, either party may terminate the agreement by written notification signed by the appropriate official of the Institution initiating the notice. Such notice must be received by the other party six months prior to the effective termination date. However, obligations and commitments already contracted shall be honored and continued by both the parties until such commitments are over. These commitments under agreement may be amended/modified/deleted after mutual agreement by means of exchange of letters between the Institute and the University. Once approved by both the parties, such amendment shall also become part of this Memorandum of Understanding (MoU).

**6. IN WITNESS HEREOF**, the Parties through their duly authorized representatives, hereby agree to the provisions of this Memorandum of Understanding drawn up in two originals.



BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written

Signed on behalf of First party

Director

ICAR-Central Inland Fisheries Research Institute,  
Barrackpore, Kolkata WB

(Dr. B. K. Das)

7/11/2021

Signed on behalf of Second Party

HOD/TIC

Department of Fishery Sciences  
Vidyasagar University (VU)  
Midnapore 721102, WB

Teacher-in-Charge  
Dept. of Fishery Sciences  
VIDYASAGAR UNIVERSITY  
Midnapore-721102, W.B., India

(Dr. Joydev Mandal)

Countered Signed

Witness I

Witness I (DR. BASUDEV MANDAL)

Witness II

Witness II (Dr. Manoj K. Pati)



## VU-UEA Partnership Meeting

27-01-22

### Towards the Implementation of Academic Social Responsibility

A wide-ranging and productive virtual meeting was held between representatives of Vidyasagar University (Department of English) and the University of East Anglia (India Dialogue), plus key associates, to discuss the proposition that Academic Social Responsibility (ASR) can and should become more prominent in HE partnerships. The meeting was convened within the rubric of UEA's 'Humanities in India' partnership programme. Participants considered options for the **development of a unifying framework** to discern, enhance, and implement ASR as a core facet of both international and decolonial approaches to teaching and learning.

Focusing on the Department of English's expertise in (a) documenting and integrating the diverse 'social texts' of West Bengal into their languages and literatures curricula, and (b) translating these texts and related issues into their Adivasi Studies and Social Ecology remits (and vice versa), the meeting sought to identify how this expertise could pave the way for a **de-centred pedagogic culture**, which might simultaneously increase community participation whilst also enabling international and intercultural knowledge exchange.

All members of the meeting had demonstrated a core interest in the evolving phenomenon of ASR, whether via their participation at previous seminars or else via their existing professional and cultural practice. The group therefore assembled with a view to tackling the longer-term challenge of linking the ethos of ASR (via the work of disciplinary practitioners) to university-level remits, such as University Social Responsibility and Global Citizenship Education in India. As a multifaceted value system - which has the capacity to inform, inspire, and connect different strands of teaching, learning, research, partnership, and outreach - ASR has the potential to generate various kinds of **experiential and transformative educational opportunities**. Those present at the meeting considered ways to enable these opportunities, with a view to aligning 'the social' with 'the educational' in far-reaching and multifaceted ways. This is a particularly crucial agenda for VU and UEA, given the former's collegiate composition and the latter's role as co-leader of a new Consortium for University Social Responsibility.

Given the complexity of ASR, which accrues different kinds of educational significance, social resonance, and philosophical depth in different contexts and circumstances, the meeting heralded a joint approach that might be both workable and durable, for all involved. An array of background documents and preliminaries had been shared in advance of the session, including an Agenda (see Annex). These background documents highlighted the various ways in which this ASR-oriented work could align with the priorities of the HEIs involved, for example via the larger frameworks of USR, without losing focus on the **principles, methods, and value systems** associated with Human Rights, Subaltern Citizenship, and Adivasi Studies. Given the complexity of the task ahead, not only to decolonise various HE curricula but also to generate - via these new curricula - clear opportunities for subaltern and minority citizenship to acquire visibility, prominence, and legitimacy as educational fixtures, the optimism of the meeting was anchored in the vision and experience of key associates: namely Prof K.K. Chakravarty (in his role as principal exponent of the Peoples' University movement in India), Prof Sayantan Dasgupta (as a pioneering exponent of participatory curriculum development, at Jadavpur University, Kolkata), plus Sanjoy Gangoly and Ralph Yarrow (as advocates of the Theatre of the Oppressed in India).

Following preliminary discussions conducted by the Department of English on areas of possible research collaboration, Prof Chakravarty outlined a rich and holistic vision of planetary and social justice. Using the concepts of cultural translation and development ecology to open up a number of salient issues at the **inter-face of culture, equality, and education**, Prof Chakravarty recommended that each member of the group envisaged a new kind of community-oriented pedagogy, which might connect more stakeholders to become actively transversal and intersectional. If the work of ASR exponents is to contribute to the decolonisation of HE in India and elsewhere, it will necessarily need to create new sites of teaching and learning that not only focus on questions of dissent and resistance but make the resolution of these issues integral to the future of the people, disciplines, and institutions involved. This proposition importantly changes the tenor of ASR away from social inclusion (for inclusion's sake) towards social justice. Prof Dasgupta and Prof Yarrow demonstrated support for Prof Chakravarty's vision and issued a number of their own recommendations. In sum, these envisioned a prolonged focus - via the 'Humanities in India' programme and its connections with VU and others - on indigenous, Adivasi, tribal, minority, and subaltern literatures, texts, experiences, testi-



monies, performances, methods, traditions, inheritances, predicaments, values, ecologies, performances, transitions, self-representations, and subject-hood, as well as the educational and human potential of these complex yet largely excluded phenomena.

As is becoming evident, the purpose of this joint write-up is not only to highlight the salient points of interest, but also to set out possible pathways for specific academic collaborations in the April 2022 to April 2023 timeframe. Whilst these collaborative works may focus in the first instance on non-mainstream ‘social texts’, and related forms of ASR, it is anticipated that the new pedagogic model under construction should become properly interdisciplinary and international in the near future. At the heart of this process of curriculum development is the proposition that - as mediators of community interests and academic futures - students and faculty alike will become better equipped to establish more inclusive and more **transformative dialogues on social responsibility**: with a view to attending to the problems and prospects of decolonisation as and when different versions and facets of social responsibility are brought into a productive relationship. In terms of learning outcomes, the process will facilitate for each participant an opportunity to develop aspects of their thinking and creativity, as well as transferable skills, especially when they are involved in the co-creation of more equitable relations, for example between local and global discourses of learning, communication, sustainability, justice and power.

In future months and years, as other departments find ways to adapt or adopt this People’s University or ASR ethos, other areas of India’s knowledge ecology might feature more prominently, for example through new policies and practices pertaining to intangible heritage, community rights, social identity, or environmentalism. Considered both as the means and the ends of this pedagogy, our focus on the **rights, freedoms, and responsibilities** of diverse Adivasi and subaltern communities will herald a new era of socially engaged, socially just, and therefore socially responsible higher education. Over time, exponents will be able to demonstrate the evolving educational, disciplinary, and social value of the People’s University approach to other areas of culture and development. Whether they do this as one facet of the tapestry of engagements, responsibilities, and knowledges that will define the Humanities in twenty-first century India, or else as part-and-parcel of a more global movement to de-centre and decolonise of higher education, remains to be seen. The overall sense is that - despite the coexistence of shared values, directives, and ideals, which can complement and thereby help to embed ASR - a more concerted approach is needed to enable its formal development and implementation.

With a view to building on different participant’s strengths, and with the aim to make more conspicuous - whether in arenas of teaching, learning, or outreach - the complex pluralism of ASR, exponents of the VU-UEA partnership are now in a good position to devise a **year-long programme of ASR action**. As a new member of UEA’s the ‘Humanities in India’ steering group, Prof Indranil Acharya’s articulation of the commitment of the Department of English to (a) the overall ethos of ASR, and (b) the generation of a series of pathways for ASR-implementation, is very instructive. It is anticipated that this articulation will impact positively on the VU-UEA partnership and on the work of its adherents in advocating for and implementing ASR.

At the crux of ASR-implementation is the prospect that the local and the global might meet in and through relationships (i.e. areas of joint work) that are defined by principles of equality, respect, and sustainability. Prof Acharya articulated a number of **‘areas of shared concern’** as a means to provide for the VU-UEA some particular focal points. These included:

- the local significances, or otherwise, of global discourses such as the SDGs or global citizenship education: for example in terms of the realisation of ‘community’ goals, values, and aspirations, such as gender equality and the reduction of inequalities
- the convergence, or otherwise, of the social responsibilities of academics, intellectuals, community representatives, and HE institutions at large
- the specific role of different Humanities disciplines in both de-centring and reconstituting global, national and local forms of citizenship, democracy, and responsibility.

A number of important **recommendations** were heralded by Prof Acharya:

- to identify and implement specific timelines and shared goals
- to ensure that community interests and pedagogic processes are harmonised
- to fix of an end-of-year group meeting, to reflect on the partnership process and the work of the different participants and units therein, and their future directions



- to create a regional basis of and for social inclusion, by thinking more in accordance with the social and cultural inheritances of communities in West Bengal, for example via Jhumur, itself a performative form of social interaction and agrarian transmission, focusing on the shared heritage of many Adivasi, Dalit and OBC communities in eastern India
- to ensure that the social, ethnic and linguistic diversity of eastern India features differently in key disciplines, such as museum studies, ethnomusicology and Tribal Studies, in view of the principles of social justice and ASR and their unfolding in future learning and performative contexts
- to question how and why certain texts and traditions remain untranslated, and therefore inaccessible beyond linguistic boundaries
- to facilitate 'strategies of translation' that might enable meaningful community participation in processes connected to the realisation of the UN's Agenda 2030, possibly via a pilot project.

Alongside Prof Acharya, other members of the Department of English highlighted their ongoing interest in the performative and intangible cultures of West Bengal as a means to **decolonise studies in language, literature and culture**. The presentations dwelt insightfully on a number of important issues:

- Cultural dimensions of social awareness, for example in respect of glove puppetry and its capacity to address social challenges, including social welfare and social inclusion (Prof. Joyjit Ghosh)
- SDG 16 and its linkages to gender equality, via the documentation of the Nachni tradition, and the relevance of these documentations to the broader pedagogic concerns highlighted by Prof Acharya, as well as to the social education programmes of the WB Kheria Sabar Kalyan Samity (Dr. Jolly Das)
- The function of song and performance as the social transmission and collective memorialisation of resistance (Mr. Hemant Kumar Golapalli)
- The connection of the Dalit Theatre ethos to that of the Theatre of the Oppressed, and the particular relevance of such kinds of social performance to the realisation of community values and aspirations, as well as to various Sustainable Development Goals (Mr. Shubhendu Shekhar Naskar).

Prof Jon Cook led an informative and lively follow-up discussion that focused on the question of **social and educational ethics**:

- If community representatives are integral to students' intercultural learning, how does this learning empower community members, alongside visiting students?
- If the interrelation of the local and the global is to be understood differently - i.e. via the 'de-centred' prisms of sustainability, rights, and global citizenship - how do those outside of Higher Education become beneficiaries of these relations, and in a way that does not reproduce tropes of cultural difference or social distance?
- If a decolonial approach to citizenship, knowledge and power is to properly ensue, how might those in positions of political and/or educational authority respond productively and with real integrity to these approaches?

In view of the range and complexity of the tasks ahead, the VU-UEA partnership team will endeavour to generate a **series of follow-up discussions**, with a view to establishing specific commitments and facilitating the next phase of partnership work. It is anticipated that these discussions will cover some practical concerns, including: joint research and research bids; joint curricula and curriculum exchange; community-led workshops and other collaborative initiatives; further think on and translation of key documents and processes; etc. Those involved in the process are invited to reflect on our previous discussions, as well as the pre-circulated materials, and to share ideas at future meetings on the above-mentioned topics and practicalities.

## ANNEX - AGENDA OF THE MEETING HELD ON 27-01-22

The meeting has a number of key objectives:

- To consolidate the UEA-VU connection, and to devise a number of commitments and future actions through which this connection will flourish
- To generate an open discussion on a number of salient pedagogic issues
- To create for various members of the grouping an opportunity to collaborate on specific areas of shared concern.

### Part One (10.00am to 10.30am) - FAMILIARISATION/REFAMILIARISATION

1. To invite brief responses from VU on the Dialogues on Decolonisation series, with a view to linking areas of future joint work to either (a) decolonisation at large, or (b) the Dialogues on Decolonisation.
2. To invite Prof K. K. Chakravarty to update the group on any developments concerning the Peoples University movement in India.
3. To invite brief inputs from UEA and associates, including Jadavpur (CENTIL), on ideas and processes in respect of: (a) social justice and social responsibility, and/or (b) curriculum development and the UN's SDGs, and/or (c) VU's existing participatory methods (see attached).

### Part Two (10.30-11.15am) - DEVELOPING A NEW PEDAGOGIC METHOD

AIM: To create an overall commitment to (and then to devise and implement) a new People-oriented pedagogy, via specific action points and new work streams.

BACKGROUND INFO: Alongside its existing work on University Social Responsibility, the UGC has initiated a new commitment amongst India's HEIs to Global Citizenship Education (see attached). This highlights issues such as sustainability and human rights education. We would like to develop a new rights-oriented and student-centric pedagogy via this collaborative work programme, and involve all colleagues who are willing and able to engage this prospect via any or all of the following:

1. UN's 5 Principles for SDG implementation, including People/Peace/Partnership etc
2. UGC Guidelines on either Global Citizenship Education or University Social Responsibility, also see [ugc.ac.in/e-book/UBA/mobile/index.html](http://ugc.ac.in/e-book/UBA/mobile/index.html)
3. UEA's key role in the new Consortium for University Social Responsibility - and the prospect of developing a new Peoples' charter for Academic Social Responsibility.

We are at a point where we might all benefit by connecting on a regular basis, with a view to creating/sharing/modifying an array of pedagogic materials that can better address evolving issues such as: decolonisation, social inclusion, sustainability, participation, global citizenship etc. In line with the People's University ethos, and in concordance with issues raised in the *Dialogues on Decolonisation*, these materials will need - from the outset - to be of and for 'the people'. How workable is this construct? How and in what ways does it involve local and global voices? What impact will these materials have in various classrooms?





Joyjit Ghosh Faculty, English <joyjitghosh@mail.vidyasagar.ac.in>

## VU-UEA partnership

3 messages

**Daniel Rycroft (AMA - Staff)** <D.Rycroft@uea.ac.uk>

Tue, Feb 8, 2022 at 3:33 PM

To: Sayantan Dasgupta <sayantan.dasgupta@jadavpuruniversity.in>, Kalyan Chakravarty <msk4747@yahoo.in>, "Victoria Cann (IIH - Staff)" <V.Cann@uea.ac.uk>, "sanjoyjanasanskriti@gmail.com" <sanjoyjanasanskriti@gmail.com>, "Ralph Yarrow (LDC - Staff)" <R.Yarrow@uea.ac.uk>, "Jon Cook (LDC - Staff)" <J.Cook@uea.ac.uk>, Indranil Acharya <acharya.indranil@gmail.com>, Hemant Kumar <hemantkumargolapalli@gmail.com>, "Joyjit Ghosh Faculty, English" <joyjitghosh@mail.vidyasagar.ac.in>, "Shubhendu Shekhar Naskar Faculty, English" <shubhendu.sapphire@gmail.com>  
Cc: Jolly Das Faculty English <jollydas@mail.vidyasagar.ac.in>

Dear colleagues,

Please find attached: the write-up of our recent partnership meeting, which has been developed jointly by us with the valuable assistance of Prof Acharya and Prof Cook.

We are including a new UEA colleague, Dr Tori Cann, in this circular as we would like to involve her in our next planning/implementation meeting, to be held at some point towards the end of this month. Kindly await details on this.

We anticipate that this will be an important meeting in terms of fixing up specific areas of curriculum and research cooperation. In the meantime, please do aim to prepare some thoughts on the practicalities and modalities of this evolving partnership, as well as on the write-up, as required.

With many thanks from us both,

Jolly Das and Dan Rycroft

**ASR implementation VU-UEA .pdf**  
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**Joyjit Ghosh Faculty, English** <joyjitghosh@mail.vidyasagar.ac.in>

Tue, Feb 8, 2022 at 3:55 PM

To: "Daniel Rycroft (AMA - Staff)" <D.Rycroft@uea.ac.uk>

Cc: Sayantan Dasgupta <sayantan.dasgupta@jadavpuruniversity.in>, Kalyan Chakravarty <msk4747@yahoo.in>, "Victoria Cann (IIH - Staff)" <V.Cann@uea.ac.uk>, sanjoyjanasanskriti@gmail.com, "Ralph Yarrow (LDC - Staff)" <R.Yarrow@uea.ac.uk>, "Jon Cook (LDC - Staff)" <J.Cook@uea.ac.uk>, Indranil Acharya <acharya.indranil@gmail.com>, Hemant Kumar <hemantkumargolapalli@gmail.com>, "Shubhendu Shekhar Naskar Faculty, English" <shubhendu.sapphire@gmail.com>, Jolly Das Faculty English <jollydas@mail.vidyasagar.ac.in>

Dear Daniel,

Thank you very much for your mail. Actually, we are engaged in a meeting to discuss the proposed curriculum that also gives a space to research interests in emerging areas.

Warm regards,

Joyjit

[Quoted text hidden]

**Indranil Acharya** <acharya.indranil@gmail.com>

Tue, Jun 4, 2024 at 12:53 PM

To: "Joyjit Ghosh Faculty, English" <joyjitghosh@mail.vidyasagar.ac.in>

[Quoted text hidden]

**ASR implementation VU-UEA .pdf**  
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കേരളം KERALA

DR 597810

This Memorandum of Understanding, (MoU) made and entered into this on 7<sup>th</sup> September 2023 between: GEMS Arts & Science College, Malappuram Kerala represented by the Principal, as the First Part, BIOMEDICAL LAB SCIENCE MANAGEMENT (BMLSM), Vidyasagar University represented by the Head of the Department the Second Part.

GEMS Arts & Science College, Malappuram, Kerala thereafter mentioned as GEMS Arts & Science College the first institution under GEMS Co-Operative Society, Started functioning from the session 2008-2009 (A Unit of Global Education and Management Studies Co-operative Ltd., No.M.782) with 14 UG, 6 PG courses with excellent infrastructural facilities became one of the best self financed college affiliated to Calicut University

**PREAMBLE:** GEMS Arts & Science is a young and progressive college with a rich resource base in scientific manpower. The college is under the cooperative sector under Global Education and Management studies Co-operative Ltd) functioning from the session 2008-2009, making it one of the best colleges in the Private sector in the State of Kerala. The college has good facilities and faculties to undertake research work in Biological Sciences (Microbiology, Biotechnology, geology and other areas too. The college is registered in Darpan under NITI Aayog and also received 2(f) status from the UGC. The college is the registered member of NDLI (National Digital Library of India). The students of college are involved in many mini research projects at present as a part of the academic activities. Faculties of the college are also involved in research projects of multidisciplinary and multi institutional nature for the benefit of the people of

*Beladangan*

*W. W. W.*

No. 5729 Date 17.5.2023

1

Value Rs. 100/-

Sold to Principal, GEMS Arts & Science College.  
Rampuram.

P. Saby Suseela, Ag: M.C. Vendor  
Perinthalmanna



11 MAY 2023



the country and Kerala in particular. It stands high with its virtues of excellence and a humble contribution to the society at large of not only Kerala, as well as other neighbouring states too. It offers a exclusive educational experience to prepare the next generation of global citizens to lead as well as make a difference in the world. With its talented, hard working, motivated student body and accomplished faculty members, GEMS College is a leading educational hub in Kerala that maintains a particular commitment to exceptional undergraduate and Post graduate instructions, and aims to be the best College of the region.

Vidyasagar University, named after one of the most illustrious sons of Bengal as well as one of the doyens of Indian Renaissance, Pandit Iswar Chandra Vidyasagar, has grown out of a long cultural and educational movement in West Bengal in general and in the undivided district of Midnapore in particular. The idea of founding a University in the district was mooted by the various organizations, notably by the Regional Education Association, Midnapore, headed by Professor A.K. Gayen of IIT, Kharagpur.

To give honour and respect to those pious intentions and proposals, the Government of West Bengal decided in 1978 to establish Vidyasagar University. The U.G.C. approved the proposal and on the advice of, and in consultation with the U.G.C., the State Government appointed a Planning Committee in March 1979 to lay down the lines of development and to take initial steps to found the University. The Vidyasagar University Act, 1981 was passed; some of its sections were brought into operation on 24th June 1981.

Academic activities started when through a Notification [no. 983-Edn (U), dated Calcutta the 23rd May] issued by the State Government, 30 colleges of the District of Midnapore were affiliated to the Vidyasagar University with effect from 1st June 1985. The foundation stone of the main campus at Tantigaria mouza of Midnapore Sadar Town for post graduate teaching and central administration of the University, was laid on 18th July 1983 by the then Hon'ble Chancellor of the University and Governor of West Bengal, Late B.D. Pande. On 15th January 1986, it was inaugurated by Shri Jyoti Basu, the then Chief Minister of West Bengal. Initially six post graduate departments namely Anthropology, Applied Mathematics with Oceanology and Computer Programming, Commerce with Farm Management, Economics with Rural Development, Library and Information Science, Political Science with Rural Administration started functioning.

The U.G.C. accorded recognition to the University in terms of Section 12B of the U.G.C. Act, on 1st March 1990. The University presently houses 27 PG departments, 12 in Humanities and 15 in Science while **59** undergraduate colleges / institutes are affiliated to it. **18** vocational subjects and **09** specialized courses are also offered at the UG level. The overall emphasis of the university is not to perpetuate the traditional nature of the other universities of West Bengal but to merge as a distinctive entity with a special nature of

*Abhidan Gha.*

*U. S. W.*



its own. The National Assessment and Accreditation Council (NAAC) awarded Vidyasagar University with a 3-star status. The campus has a picturesque background within which afforestation programmes are being undertaken.

The Vidyasagar University thus began its journey to sail through many trials and tribulations. Started the course in the form of Post Graduate Diploma under the Department of Human Physiology With Community Health in 2002. The Post Graduate diploma course has been reframed into Master level course and the course was under the extension wing of the Department of Human Physiology With Community Health in 2004. The new department has been setup taking the fund and permission of UGC innovative programme under the Xth five year plan in 2005. Annual basis course was reframed into semester mode. Ph.D. committee has been framed and we started our Ph.D. work in this department with special emphasis on Molecular Medicine/ Herbal Medicine in 2006. The department is engaged to run several investigations related to human health bio-sensors monitoring from the angel of quality control engaging the master degree students. Molecular techniques for health diagnosis are also one of the important part of teaching & learning of the department of Biomedical lab science management. The other emerging fields included are as follows.

New inclusion from emerging fields in curriculum Quality control of Laboratory medicine, Diagnosis by molecular sensor analysis, Modern Biotechnological approaches in clinical diagnosis Laboratory Management and Laboratory ethics and Automation in Clinical Laboratory.

### **Purpose and objectives**

The purpose of this MoU is to create a framework for such a platform of collaboration with the following objectives:

**Faculty support:** Faculty members of both GEMS Arts& Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) may deliver offline/online lecture(s) as resource persons for portions or special topics of a few identified courses with mutual consultation at a mutually convenient timing. On the lecture(s) or interactions, the faculty member may be considered to be on duty at the beneficiary institution. Heads of the Institution may mutually alter the dates if such duties of assigned faculty members are seen to hamper important academic or evaluation assignments at his / her place of posting.

**Access to laboratories:** Students will have access to laboratories. However, beneficiary Institution will pay for the basic minimum cost of recurring items if anything is consumed.

Debidhar Ghosh

Debidhar Ghosh



**Joint Submission of Collaborative Projects** – Faculty members of both GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) may submit joint project proposals for funding from different funding agencies.

**Joint organization of Seminars / Symposia / Workshop** – Seminars / Workshop / Symposia may be jointly organized by faculty members of both GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University)

**Joint field work:** Both the parties may jointly organise field works which are part of the curriculum. This way both the institutions may utilise the expertise of individual faculty members for the benefit of the students.

**Guidance in Career counseling** –GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) will share information on career counseling and opportunities for higher students in India and abroad.

**Joint organization of Placement drive:** BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) and will jointly organize Placement drives for the benefit of the outgoing and passed out students. GEMS Arts & Science College

This is a non-binding MoU and there shall be no financial obligation on the part of both GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) Both GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) agree that any information which is exchanged pursuant to this Memorandum of Understanding will be kept strictly confidential and used solely for the purpose, covered by this Memorandum of Understanding, unless such information was obtained by a third party who does not have an obligation of confidentiality toward the information-disclosing party and entered public domain.

Subject to clause below, both the Institutions may amend this Memorandum of Understanding by mutual consent in writing. Any amendment agreed by the Institutions shall come into effect from the date determined by both the parties.

This Memorandum of Understanding shall enter into force on the date of signing and shall initially be valid for a period of three years. Thereafter both GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University) shall agree on mutual consent on the continued validity of this Memorandum of Understanding.

In any other circumstance, or other detailed collaboration between the two parties, a separate MoU shall be drawn up as and when required.

Deborah Gnan

Deborah



The institutions, GEMS Arts & Science College and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar University), agree that this Memorandum of Understanding shall enter into force on the basis of goodwill and shall not be legally bound. Nothing mentioned in this Memorandum of Understanding shall deem constitute partnership between the signing Institutions appointing one party as an agent of the other.

This Memorandum of Understanding will be effective upon signature by both the Parties for a period of three years, at which time it will be reviewed for possible renewal for further three-year period. Any dispute arising out of this MOU shall be resolved by mutual discussions between both the Parties within a period of thirty days. Either party may, on three (03) month notice in writing, terminate the MoU in advance of its normal expiration or request the recognition of its conditions.

IN WITNESS WHEREOF, the duly authorized officers of the parties have executed this Memorandum of Understanding/ Agreement on the date, month and year herein mentioned above.

Signed in duplicate, in English language by :

Head of the Department

BIOMEDICAL LAB SCIENCE MANAGEMENT

Vidyasagar University

Date:

Official Seal.....

In presence of:

Witness

1)Name

Designation

Affiliation

2)Name

Designation

Affiliation



*Sandip Chattopadhyay*  
3/10/23  
DR. SANDIP CHATTOPADHYAY  
Associate Professor  
M.Sc. Ph.D  
Dept. of Biomedical Laboratory Science & Management  
Vidyasagar University  
Midnapore

*Surojit Das*  
3/10/23  
DR. SUROJIT DAS  
Assistant Professor  
Dept. of Bio-Medical Laboratory  
Science & Management  
Vidyasagar University, Midnapore-721102  
West Bengal, India

5

Principal

GEMS Arts & Science College

Malappuram, Kerala

*Dr. Naveen Mohan*  
DR. NAVEEN MOHAN  
PRINCIPAL  
GEMS ARTS AND SCIENCE COLLEGE  
KADUNGAPURAM (PO), RAMAPURAM  
MALAPPURAM DT., KERALA-679 321

Date:

Official seal.....

In presence of:

Witness

1)Name

Designation

Affiliation

2)Name

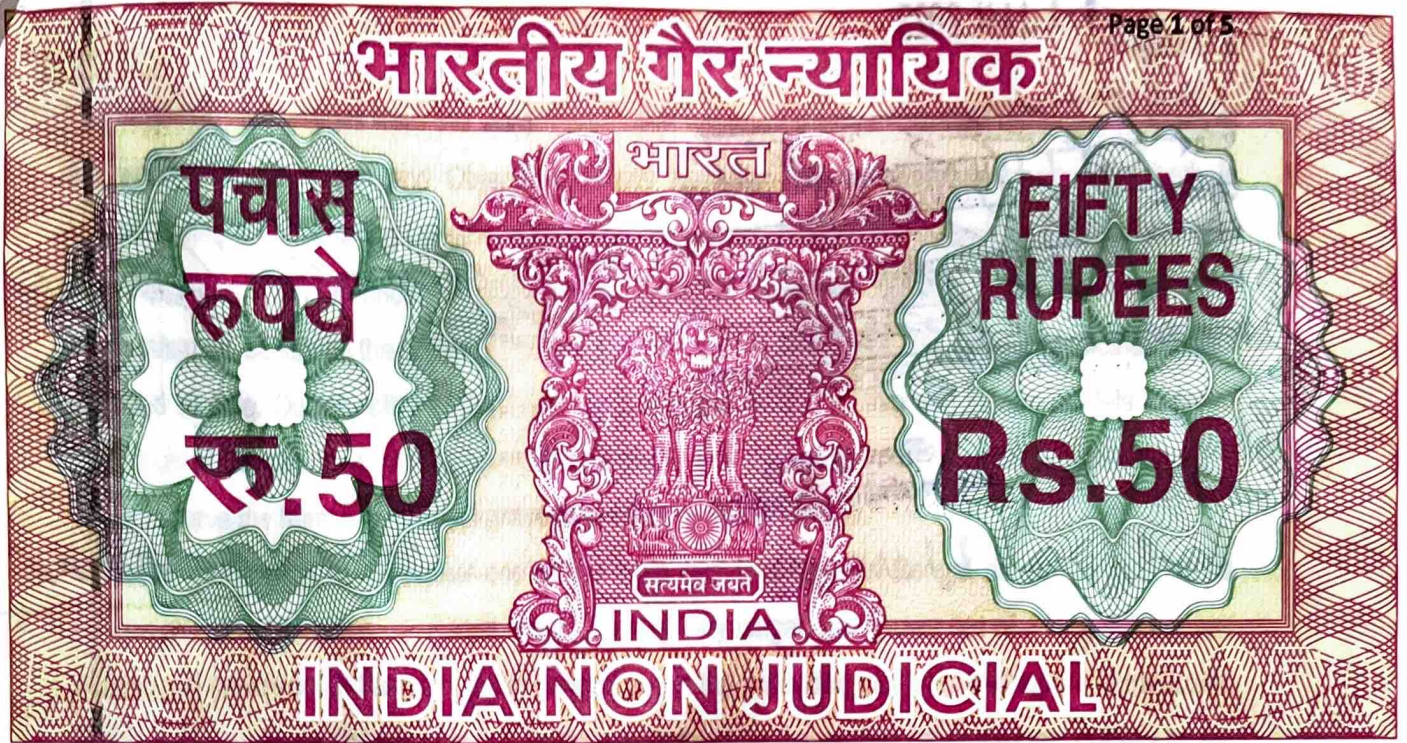
Designation

Affiliation

*M. Vasudevan*  
M. Vasudevan  
Vice Chairman  
VICE CHAIRMAN  
Global Education & Management Studies  
Co-operative (GEMS) Ltd. No: M.782  
P.O. Kadungapuram, Malappuram Dt. - 679 321

*Dr. B. G. Suman*  
DR. B. G. SUMAN  
DIRECTOR  
ACADEMIC & RESEARCH,  
GEMS ARTS AND SCIENCE COLLEGE,  
RAMAPURAM, MALAPPURAM, KERALA-679321  
(Affiliated to University of Calicut)





पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

AC 405814

This Memorandum of Understanding, (MoU) made and entered into this on..... between: **Sevee Homoeo Lab LLP**

Situated at Vill- Bagdubi Lodhasai, P.O.- Mataldanga, G.P.- Kankabati, P.S.-Gurguripal, Dist- Paschim Midnapore, Pin-721102 and represented by the Director as the First Part

And

**BIOMEDICAL LAB SCIENCE MANAGEMENT (VIDYASAGAR UNIVERSITY)** represented by the head of the Department, BMLSM, VU the Second Part.

Sevee Homoeo Lab LLP is a Limited Liability Partnership Company (CIN-AAS-6385) Registered under ROC Kolkata on 16-June -2020. Sevee Homoeo Lab started its Journey by Marketing of third party production of Homoeopathic Medicines on the year 2020 and got success in a very short period. Now Sevee Homoeo Lab LLP started their won Manufacturing Unit with well equipped Laboratory and modern manufacturing Machineries. Sevee Homoeo Lab LLP is a Self financed modern Homoeopathic Manufacturing unit in Eastern region of India. Sevee Homoeo Lab LLP acquired all license for production and sale of Homoeopathic Medicines from the respective Govt. Authorities.

Sevee Homoeo Lab LLP.

*Agamani Misra Chatterjee*  
Partner

*Debidan Ghosh*

Sevee Homoeo Lab LLP.

*Agamani Misra Chatterjee*  
Partner

*Debidan Ghosh*



The word "SEVEE" comes from the word "SEVA" that means- To serve. Our main objective is to serve the world. The other aim and Objectives of this Institution are to generate employment both in Manufacturing and Marketing Division of Homoeopathic Field along with Research and Development of the Deep unraveled Science, as there is no practical found in Homoeopathic Medicines. The mechanism of action of the Drugs / Medicines and the constituent of the Drug / Medicines is not revealed till date. Our objective of R&D Section is to make several in vivo and in vitro models to prove the action of Drugs / Medicines in lower animal along with the mechanism of action of Homoeopathic drugs to serve the humanity from the grave side effect of modern drugs.

Vidyasagar University, named after one of the most illustrious sons of Bengal as well as one of the doyens of Indian Renaissance, Pandit Iswar Chandra Vidyasagar, has grown out of a long cultural and educational movement in West Bengal in general and in the undivided district of Midnapore in particular. The idea of founding a University in the district was mooted by the various organizations, notably by the Regional Education Association, Midnapore, headed by Professor A.K. Gayen of IIT, Kharagpur.

To give honour and respect to those pious intentions and proposals, the Government of West Bengal decided in 1978 to establish Vidyasagar University. The U.G.C. approved the proposal and on the advice of, and in consultation with the U.G.C., the State Government appointed a Planning Committee in March 1979 to lay down the lines of development and to take initial steps to found the University. The Vidyasagar University Act, 1981 was passed; some of its sections were brought into operation on 24th June 1981.

Academic activities started when through a Notification [no. 983-Edn (U), dated Calcutta the 23rd May] issued by the State Government, 30 colleges of the District of Midnapore were affiliated to the Vidyasagar University with effect from 1st June 1985. The foundation stone of the main campus at Tantigaria mouza of Midnapore Sadar Town for post graduate teaching and central administration of the University, was laid on 18th July 1983 by the then Hon'ble Chancellor of the University and Governor of West Bengal, Late B.D. Pande. On 15th January 1986, it was inaugurated by Shri Jyoti Basu, the then Chief Minister of West Bengal. Initially six post graduate departments namely Anthropology, Applied Mathematics with Oceanology and Computer Programming, Commerce with Farm Management, Economics with Rural Development, Library and Information Science, Political Science with Rural Administration started functioning.

The U.G.C. accorded recognition to the University in terms of Section 12B of the U.G.C. Act, on 1st March 1990. The University presently houses 27 PG departments, 12 in Humanities and 15 in

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Science while 59 undergraduate colleges / institutes are affiliated to it. Eighteen vocational subjects and nine other specialized courses are also offered at the UG level. The overall emphasis of the university is not to perpetuate the traditional nature of the other universities of West Bengal but to merge as a distinctive entity with a special nature of its own. The National Assessment and Accreditation Council (NAAC) awarded Vidyasagar University with a 3-star status. The campus has a picturesque background within which afforestation programmes are being undertaken.

The Vidyasagar University thus began its journey to sail through many trials and tribulations.

Started the course in the form of Post Graduate Diploma under the Department of Human Physiology With Community Health in 2002. The Post Graduate diploma course has been reframed into Master level course and the course was under the extension wing of the Department of Human Physiology With Community Health in 2004. The new department has been setup taking the fund and permission of UGC innovative programme under the X<sup>th</sup> five year plan in 2005. Annual basis course was reframed into semester mode. Ph.D. committee has been framed and we started our Ph.D. work in this department with special emphasis on Molecular Medicine/ Herbal Medicine in 2006. The department is engaged to run several investigations related to human health bio-sensors monitoring from the angel of quality control engaging the master degree students. Molecular techniques for health diagnosis are also one of the important part of teaching & learning of the department of biomedical lab science management. The other emerging fields included are as follows.

New inclusion from emerging fields in curriculum Quality control of Laboratory medicine, Diagnosis by molecular sensor analysis, Modern Biotechnological approaches in clinical diagnosis Laboratory Management and Laboratory ethics and Automation in Clinical Laboratory.

### Purpose and objectives

The purpose of this MoU is to create a framework for such a platform of collaboration with the following objectives:

1. Homoeopathy is an unrevealed Science. The constituent of homoeopathic Medicines is still unknown even 250 years after its discovery by Dr. Christian Friedriche Samuel Hahnemann. Several persons tried in different angle to establish the constituent and action of homoeopathic medicine in human body and they have introduced different Hypothesis but they are not proved till date. In spite of a wonderful science proper application of it is not applied in favour of mankind due to proper explanation and lack of knowledge of the subject. Our aim of this MOU

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- to establish the truth behind Homoeopathy. We may design several animal models to prove the action and establish the fact by sharing knowledge between both Organizations.
2. Immediately after introduction of the MoU we can make more control over the quality of Homoeopathic Drugs and Medicines as there is so many limitations in the Q/C part of our guide book i.e. HOMOEOPATHIC PHARMACOPOEIA OF INDIA.
  3. A new wing of Homoeopathy is untouched till now which is known as TAUTOPATHY (it means Same Suffering), which was first introduced by a Homoeopathic physician Dr. Dudley Wootton Everitt between 1901 – 1972, which is based on Arndt Schulz Law. By this way we can reduce the side effect of modern drugs, Hormones, Insecticides Food Chemicals etc on human being.
  4. Our another objective is to introduce a certificate course on homoeopathic pharmacist which is very essential to control quality of manufacturing industries, without any financial burden on Vidyasagar university

This is a non-binding MoU and there shall be no financial obligation on the part of both SEVEE Homoeo Lab LLP and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar Univesity) Both SEVEE Homoeo Lab LLP and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar Univesity) agree that any information which is exchanged pursuant to this Memorandum of Understanding will be kept strictly confidential and used solely for the purpose, covered by this Memorandum of Understanding, unless such information was obtained by a third party who does not have an obligation of confidentiality toward the information-disclosing party and entered public domain.

Subject to clause below, both the Institutions may amend this Memorandum of Understanding by mutual consent in writing. Any amendment agreed by the Institutions shall come into effect from the date determined by the signing College / University

This Memorandum of Understanding shall enter into force on the date of signing and shall initially be valid for a period of 5 years. Thereafter both SEVEE Homoeo Lab LLP and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar Univesity) shall agree on mutual consent on the continued validity of this Memorandum of Understanding.

In any other circumstance, or other detailed collaboration between the two parties, a separate MoU shall be drawn up as and when required.

The institutions, SEVEE Homoeo Lab LLP and BIOMEDICAL LAB SCIENCE MANAGEMENT (Vidyasagar Univesity), agree that this Memorandum of Understanding shall enter into force on the basis of goodwill and shall not be legally bound. Nothing mentioned in this Memorandum of

*Delidhar Ghosh*

Sevee Homoeo Lab LLP.  
*Aganani Misra Chatterjee*  
Partner

*Delidhar Ghosh*

Sevee Homoeo Lab LLP.  
*Aganani Misra Chatterjee*  
Partner



Understanding shall deem constitute partnership between the signing Institutions appointing one party as an agent of the other.

This Memorandum of Understanding will be effective upon signature by both the Parties for a period of 5 years, at which time it will be reviewed for possible renewal for further three-year period. Either party may, on three (03) month notice in writing, terminate the MOU in advance of its normal expiration or request the recognition of its conditions.

**IN WITNESS WHEREOF**, the duly authorized officers of the parties have executed this Memorandum of Understanding/ Agreement on the date, month and year herein mentioned above.

Signed in duplicate, in English language by:

*Debidas Ghosh*

**Head of the Department**

BIOMEDICAL LAB SCIENCE MANAGEMENT

Vidyasagar University

Date: 03/10/23

Official Seal.....



In presence of:

Witness

1) Name

Designation

Affiliation

*Sandip Chattopadhyay*  
Associate Professor  
**DR. SANDIP CHATTOPADHYAY**  
Associate Professor  
M.Sc. Ph.D  
Dept. of Biomedical Laboratory Science & Management  
Vidyasagar University  
Midnapore

2) Name

Designation

Affiliation

*Surojit Das*  
31/10/23  
**DR. SUROJIT DAS**  
Assistant Professor  
Dept. of Bio-Medical  
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Vidyasagar University, Midnapore - 721102  
West Bengal, India

*Agamani Misra Chatterjee*

**Director**

SEVEE Homoeo Lab LLP.

Ladhasai, Bagdubi, Kankabati

Date: 21/08/2023 Sevee Homoeo Lab LLP.

Official seal.....

Partner

In presence of:

Witness

1) Name

Designation

Affiliation

*Swarali Padda Chatterji*

2) Name

Designation

Affiliation

*Sweof Kumar Misra*