



Michael Madhusudan Memorial College

Affiliated to **Kazi Nazrul University, Asansol**

(Government Aided UG/PG College)

Kabi Guru Sarani, City Centre, Durgapur - 713216 W.B.

(Assessed & Accredited by NAAC in Cycle 2)

Ref. No.: MMMC/CMERI/1775/2021,

Date.: 05-10-2021.

To
The Director,
CSIR-Central Mechanical Engineering Research Institute,
Durgapur

Sub: Invitation for signing MOU under Green initiative

Dear Sir

In order to mark the onset of a great academic era, Michael Madhusudan Memorial College (MMMC), Durgapur invites your highly renowned institute to sign a Memorandum of Understanding (MOU) with us. Michael Madhusudan Memorial College came into being on the 26th of August, 1996. The journey began with a strength of small number of students. Presently our College is one of the leading educational institutions of Paschim Bardhaman with a student strength of above 3000 at the prime location of Durgapur. It is affiliated to the Kazi Nazrul University and is dedicated towards providing both general and add-on course based education to the learners. The College has been re-accredited with grade "B" by NAAC in 2016. At present there are 20 departments in two shifts with post-graduation facilities being available in the Dept. of English. The college is also successfully running professional courses like BBA and BCA to meet the requirements of the changing times. We offer both classical chalk & Talk as well as ICT and online mode of multimedia classes for advancement of teaching.

A MOU between our College and your Institute would be a great learning opportunity for our students who would be able to gain first-hand knowledge in the applicative fields of environment.

We propose to send our students on a regular basis round the year to your institution for participating in the water analysis and other suitable workshops conducted by the CMERI. The cost of participation would be borne by our students. In the process they would learn about the various laboratory techniques and observe various modern instruments in action. The regular presence of our students will definitely help in the smooth continuation of aforesaid workshops on your behalf.

It would also be a tremendous learning opportunity for our students if they visit industrial centres under your guidance as industrial exposure is the need in the context of skill development and implication of the subjects like Microbiology, Chemistry, Zoology etc., what they are studying in their regular curriculum. We also seek your expertise in the field of R&D related to the promotion and application of eco-friendly technologies. A mutual cooperation in such a sector would be of invaluable service to the society.

We would also request your august presence and the advice of your Experts during the celebration of days of environmental significance. Such celebrations would go a long way in the creation of mass sensitization related to the present and the future problems of the environment.

The aforesaid proposals on fructification will set ablaze an era of knowledge sharing between this College and your Institute. Not to mention it would strengthen the relationship between MMC College and CMERI whose foundation stones would be laid mutual cooperation and zeal to achieve a win-win situation for both the participants.

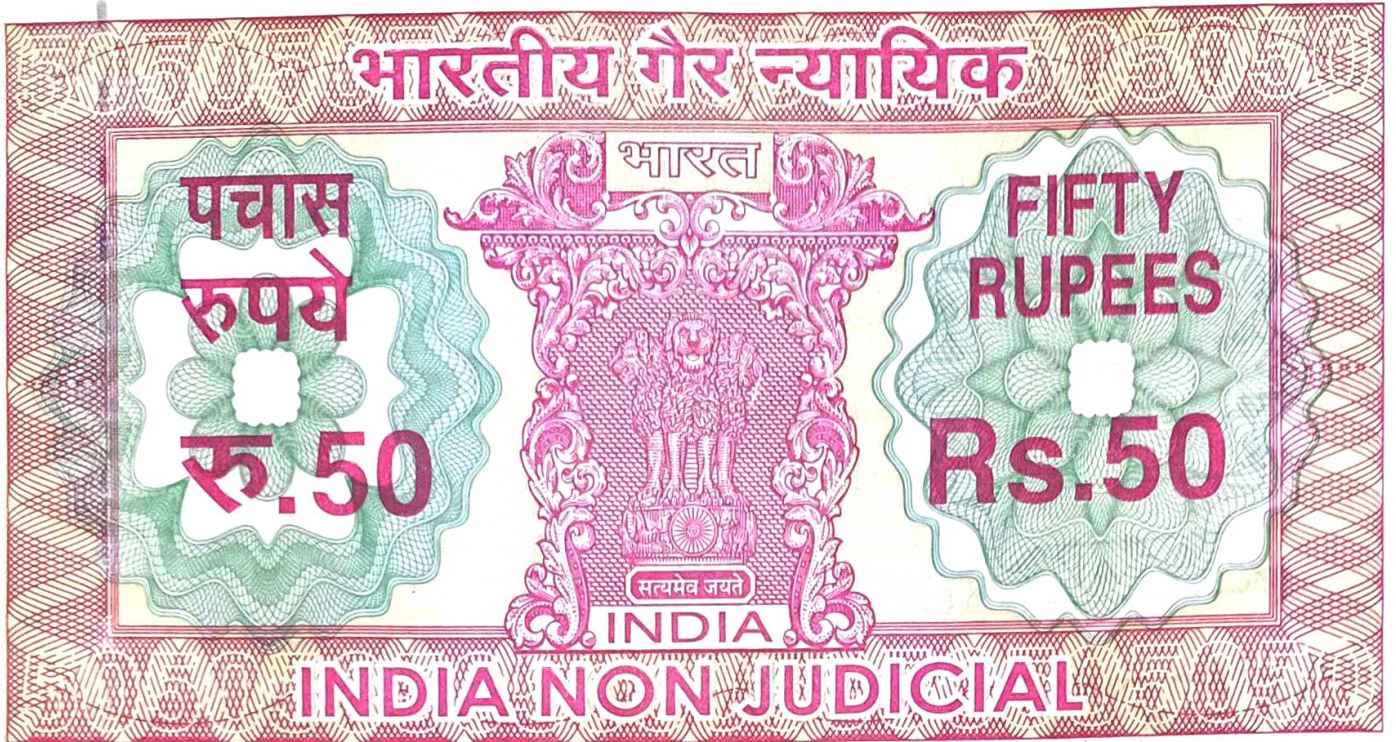
Looking forward to your kind cooperation.

Thanking you,
yours Sincerely,


Dr G M Helaluddin
PRINCIPAL

Principal
MICHAEL MADHUSUDAN MEMORIAL COLLEGE
City Centre, Durgapur-713216





पश्चिम बंगाल पश्चिम बंगाल WEST BENGAL

AC 575064

THE MEMORANDUM OF UNDERSTANDING

THIS Memorandum Of Understanding is made on this 8th day of October, 2021 at CSIR-CMERI between

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, a Society registered under the Societies Registration Act (XXI of 1860) and having its Registered Office at Anusandhan Bhavan, 2, Rafi Marg, New Delhi - 110 001 (hereinafter called '**CSIR**' which expression shall include its successors-in-interest and assigns) of the one part;

AND

Michael Madhusudan Memorial College, located at **Durgapur**, India and having its campus at Kabi Guru Sarani, City Centre, Durgapur, WEST BENGAL, PIN- 713216, India (hereinafter called '**MMMC**' which expression shall unless repugnant to the context includes its successors and assigns, of the second part;

However for any reference on execution of this agreement on behalf of the **CSIR** on all developmental matters, **CSIR-Central Mechanical Engineering Research Institute**, a constituent laboratory under **CSIR** having its office at Mahatma Gandhi Avenue, Durgapur-713 209 (hereinafter called **CSIR-CMERI**) may be referred in the first instance.

ক্রমিক নং- 676
ইং তার- 13-5-2021
প্রেরণার নাম- CSIR - CMERI
সং- 1
থানা- DHP-713209
জেলা- BDN
মূল্য- 50,00

স্ট্যাম্প প্রেরণার
গদাজলঘাটী, বাকুড়া

Piyush Das

1. PREAMBLE

1.1 **CSIR-CMERI** is one of the constituent laboratories of **CSIR** having expertise in Advanced Manufacturing, Near Net-shape Manufacturing, Micro-system Technologies, Advanced Materials Processing, Advanced Design & Analysis, Surface Engineering and Tri'bology, Robotics and Automation, Energy Research & Technology, NDT and Metallurgy, Condition Monitoring, Residual Life Assessment, Drives & Control & Electronics with proven track record in product and process development for engineering applications, is also engaged in the high end technology areas.

1.2 **MMMC** is a Government aided UG and PG College established in 1996 and presently is one of the leading educational institutions of **Paschim Bardhaman** with a student strength of above 3000 in each academic session. It is affiliated to the Kazi Nazrul University and has been re-accredited with 'B' by NAAC in 2016. At present there are 20 departments with post-graduation facilities in dept. of English. The college is also running professional courses like BBA and BCA to meet the requirements of the changing times. The college is also offers both classical chalk and talk as well as ICT and online multimedia classes for advancement of teaching.

To promote great learning opportunity for the students who would be able to gain first-hand knowledge in the applicative fields of environment and to extend the knowledgebase and infrastructure of **CSIR-CMERI** as a part of the **CSIR** Integrated Skill Initiative, the two institutions, i.e. **CSIR-CMERI** and **MMMC** agree to the following broad terms of co-operation.

NOW IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN THE INSTITUTIONS HERETO AS FOLLOWS:

2.0 SCOPE OF MoU

2.1 Both the Institutions will support each other's endeavors in delivery of industry-ready skilled youth force through the following though not limited to:

- a. Hands-on skill promotion to~ 100 no. of students per year on "**Water Quality Assessment**"
- b. Jointly organize skill development programmes and events such as seminars, workshop, conferences
- c. Exchange of information for conduction of need based skill development programmes in response to students requirements
- d. Any other matter(s) as agreed which are not covered

2.2 Both Institutions acknowledge and understand that all financial arrangements would be borne by the students (training fee = Rs 800/student) and deposited by the college to CMERI on prior to each training program on **Water Quality assessment**.

2.3 No Institution shall have the right to use the name or logo of another Institution without the prior approval of that Institution in writing.

2.4 The terms of this MoU may be modified / amended at any time subject to mutual written agreement. Such modifications/changes shall be effective from the date on which both the Institutions execute them in writing.

3.0 RESPONSIBILITIES OF BOTH THE INSTITUTIONS

3.1 **CSIR-CMERI** shall conduct the skill development programmes at **CSIR-CMERI** premises and shall also make available the necessary infrastructure and facilities for accomplishing the above laid down objectives.

3.2 **MMMC** shall depute batches (**100 students/year**) of UG and PG students for undergoing training at **CSIR-CMERI** at mutually identified time periods throughout the year.

3.3 **MMMC** shall also pay the training fees to **CSIR-CMERI** prior to the commencement of each training programme.

3.4 **MMMC** shall also ensure requisite discipline within the deputed student batches and financially compensate for any damage to machine and property, if any, incurred during the training.

3.5 **CSIR-CMERI** shall provide accommodation for the students, if required, during their period of training at **CSIR-CMERI** and shall extend the canteen facilities to the students on a paid basis.



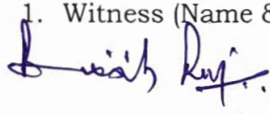
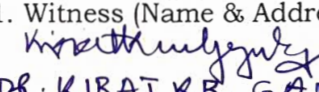
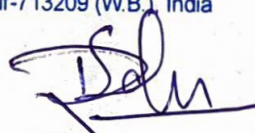
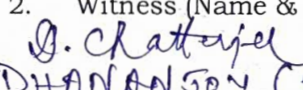
4.0 VALIDITY

This MoU shall be in full force and effect from the date of signature hereof for a period of 3 years. Either organization may terminate this MoU at any time by giving six months notice in writing to the other. In the event of termination, programmes under way shall be allowed to be completed according to the terms that have been agreed upon.

5.0 ARBITRATION AND JURISDICTION

In the event of any dispute or difference between the Institutions hereto, such disputes or differences shall be resolved amicably by mutual consultation or through the good offices of empowered agencies of the Government of India. If such resolution is not possible, then, the unresolved dispute or difference shall be referred to Delhi International Arbitration Centre (DIAC), Delhi High Court, New Delhi.

IN WITNESS WHEREOF the parties have caused this MoU to be executed by their duly authorized officers on the respective dates and at the respective places hereinafter set forth.

Signed for and on behalf of CSIR	Signed for and on behalf of MMMC
Council of Scientific & Industrial Research, Anusandhan Bhawan, 2, Rafi Marg, New Delhi-110 001	Kabi Guru sarani, City Centre, Durgapur, WEST BENGAL, PIN- 713216, India
Seal:  डॉ अंजली चैटर्जी / DR. ANJALI CHATTERJEE मुख वैज्ञानिक व प्रमुख / Chief Scientist & Head व्यवसाय नवाचार एवं कौशल विभाग / Business Innovation and Skills सी एस आर आर केंद्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान CSIR-Central Mechanical Engineering Research Institute दुर्गापुर-९ / Durgapur-9, पश्चिम बंगाल / West Bengal	Seal:  DR. G. M. HELALUDDIN Principal MICHAEL MADHUSUDAN MEMORIAL COLLEGE Kabi Guru Sarani, City Centre, Durgapur-713216
Date: 08.10.2021	Date: 08.10.2021
Signed at: CSIR-CMERI	Signed at: CSIR-CMERI
1. Witness (Name & Address)  Dr. BISWAJIT RUJ Sr. Principal Scientist & Head Environmental Engineering Group CSIR-Central Mechanical Engg. Research Institute Durgapur-713209 (W.B.) India	1. Witness (Name & Address)  DR. KIRAT R. GANGULY Asst. Professor, HOD, Microbiology MMM College.
2. Witness (Name & Address)  Dr. Rashmi Ranjan Sahoo Principal Scientist, Environmental Engineering Division CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE M. G. Avenue, Durgapur-713209 (W.B.) India	2. Witness (Name & Address)  DHANANJOY CHATTERJEE MMM COLLEGE.

Dr. Rashmi Ranjan Sahoo
Principal Scientist, Environmental Engineering Division
CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE
M. G. Avenue, Durgapur-713209 (W.B.) India



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

17AB 921586

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



Michael Madhusudan Memorial College, Kabiguru Sarani City Centre Durgapur,
West Bengal, India PIN- 713216

And



Next Generation Scientist Private Limited, Lucknow, UP, India
FOR

ENTREPRENEURIAL SKILL DEVELOPMENT, OUTCOME BASED TRAININGS
AND RELATED SERVICES

Principal
DR. G. M. HELALUDDIN
Principal
MICHAEL MADHUSUDAN MEMORIAL COLLEGE
Kabi Guru Sarani, City Centre, Durgapur-713216

Director
For Next Generation Scientist (Pvt.) Ltd.
29-12-21
Director

Sl.No.....2907.....Date.....25/05/18
Sold to.....M. M. M. college
Address.....DAP-16
Value of Stamp.....10/-
Date of Purchase of the Stamp
Paper from Treasury.....21 MAY 2018
Name of the Treasury from Where
Purchase:- Durgapur

Ram Prasad Banerjee
Stamp Vender
A.D.S.R. Office, Durgapur-16
Licence No-1/93

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the ^{24th} DAY of ~~Dec~~ Two Thousand and Twenty One by and between

Michael Madhusudan Memorial College, Kabiguru Sarani City Centre Durgapur, West Bengal, India PIN- 713216, THE FIRST PARTY represented herein by its Name of Competent Authority / Representative

AND

Next Generation Scientist Private Limited, Lucknow, UP, India, THE SECOND PARTY represented herein by its Name of Competent Authority / Representative

PURPOSE OF MOU

In particular, this MOU is intended to

1. Exchange Academic Knowledge and information
2. Exchange of Technical Experts and Information
3. Mutually receive Educational visits by Faculty Members and Researchers
4. Conduct Joint Research Projects
5. Conduct of Short-Term courses related to Bio-informatics for the academic development of the students.
6. Organize various workshops
7. Conduct practical trainings
8. Generate self-employment opportunities
9. Assist the students in establishing various start-ups
10. Assist the placement of trained students
11. The institution will set up its BioScience Excellence Centre in the college

For Next Generation Scientist (NGS) Pvt. Ltd.
24-12-21
DR. G. M. HELALUDDIN
 Principal
MICHAEL MADHUSUDAN MEMORIAL COLLEGE
 Kabi Guru Sarani, City Centre, Durgapur-713216

For Next Generation Scientist (NGS) Pvt. Ltd.
24-12-21
Director

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

Clause: 1

CO-OPERATION

- 1.1 Both parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The co-operation between First Party and Second Party will facilitate effective utilization of the intellectual capabilities of the Second Party providing significant inputs to them in developing suitable teaching/training systems, keeping in mind the needs of the First Party.

Clause: 2

SCOPE OF THE MOU

- 2.1 Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge.
- 2.2 The Second Party will give valuable inputs to the First Party in teaching/ training methodology so that the students fit into the industrial scenario meaningfully.
- 2.3 The interaction between Next Generation Scientist Private Limited and Michael Madhusudan Memorial College will give an insight into the latest developments/requirements of higher studies; the Second Party to permit the Faculty and Students of the First Party to visit its institution and also involve in workshop for the First Party. The industrial training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career.
- 2.4 The First Party will provide its Laboratories for the hands-on training of the learners of the First Party as well as the participants with the Second Party while conducting Short-Term courses and workshops, etc.
- 2.5 The Second Party will train the students of the First Party on the emerging technologies in order to bridge the gap in skill and make them ready for industry.
- 2.6 The Second Party will extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.7 The Second Party will actively engage to help the delivery of the training and assist placement of students of the First Party into internships/jobs.

DR. G. M. HELALUDDIN
 Principal
 MICHAEL MADHUSUDAN MEMORIAL COLLEGE
 Kabi Guru Sarani, City Centre, Durgapur-713216
 For Next Generation Scientist (OPC) Pvt. Ltd.
 24-12-21
 Director

Clause: 3**VALIDITY**

- 3.1 The validity of the agreement is five year from the date of agreement.
- 3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.
- 3.3 Any dispute will be settled under the jurisdiction of the Durgapur Court.

AGREED:

For

Michael Madhusudan Memorial College, Durgapur

[Signature] 24.12.2021
DR. G. M. HELALUDDIN
 Principal
MICHAEL MADHUSUDAN MEMORIAL COLLEGE
 Kabi Guru Sarani, City Centre Durgapur-713216
 Authorized Signatory

For

Next Generation Scientist Private Limited, Lucknow

For Next Generation Scientist (OPC) Pvt. Ltd.

[Signature] 24-12-21
 Director
 Authorized Signatory

Michael Madhusudan Memorial College	Next Generation Scientist Private Limited
Kabiguru Sarani City Centre Durgapur, West Bengal, India PIN- 713216	4, Saraswatipuram, Gomtinagar Extension Lucknow-226010, Uttar Pradesh
Contact No. 0343 2566700	Contact No-9005786666, 9889882777
principalmmmc@gmail.com	ngsbiology@gmail.com
www.madhusudancollege.in	ngsdp.in

Witness1:

[Signature]
 24/12/2021

H. O. D.

Department Of Microbiology

MICHAEL MADHUSUDAN MEMORIAL COLLEGE
 City Centre, Durgapur-713216



Witness2:

[Signature]
 24/12/2021



Water Quality Testing Training at CSIR-CMERI, March 2022





eful of enhanced
ome for the
erprivileged that will
o them access
essities such as
thcare, education, and



rgy for inclusive social
onomic growth of the
ntry."
The webinar also had a
el discussion by
lemicians Professor SN
athi, IIT Kanpur; Ajay
nkar, Distinguished
ow (TERI); and
essor Farzana Afridi,
an Statistical Institute.
panelists lauded the
rt of MoP&NG for the
ective implementation of

the PAHAL scheme and
hailed PMUY as a social
investment scheme. They
highlighted their research
and surveys about PMUY
and shared their findings on
how it has bettered the lives
of rural women by
improving their health and
giving them time to engage
in financially fruitful
activities.

Kushagra Mittal,
Deputy Secretary (LPG),
MoP&NG, discussed the
challenges faced in the
PMUY journey. He also
shared how at every step,
the documentation
requirement for getting a
new gas connection was
eased to ensure LPG is
accessible to all.

The webinar concluded
with sharing of experiences
by senior executives from
Oil Marketing Companies
on how reforms have led to
accountability, enhanced
competition, improved
service levels and
reduction in customer
grievances. Anuj Kumar
Jain, Executive Director
(LPG), HPCL; Santosh
Kumar, Executive Director
(LPG), BPCL; and Mr.
Lakshminarayan, CGM
(LPG- Sales), IndianOil,
participated in the panel
discussion.

Inaugurated in CLW

's proactive step in
calling the plant. Satish
nar Kashyup, General



anager, Doctors & Sr
cers were present on the

occasion. Later, Dr Sarkar
flagged off & dedicated to the
Nation WAG-9 HC No.33289
locomotive from CLW siding.
Mr Kashyup & Sr Officers
joined Dr Sarkar in flagging
off the locomotive. In his
brief address to the
gathering, he appreciated the
fact that CLW is the world's
leading loco manufacturer
and congratulated all for
their efforts in making
locomotives.

This PSA based oxygen
plant will generate 570 lit/
min medical grade oxygen
which is equivalent to 117
Jumbo Oxygen cylinders per
day. This system will meet the
demand of oxygen in
anticipated 3rd wave and day
today oxygen requirement in
ICU and OT.

Eye sight safety

call health of the
oomian glands

Not controlling
etes and hypertension
not going for regular
ual checkup's can cause
of vision from
nopathy
Being aware that other
ases like Rheumatoid
ritis can cause problems
Dry Eye disease is
ortant

*Not knowing ones
family history of diseases
like Glaucoma which can be
hereditary can lead to
blindness as regular eye
check ups are needed

Also, periodic eye check-
up is essential. Any form of
eye irritation, pain or other
observed issues should be
taken immediate care of.
(Ophthalmologist, Fortis
Hospital, Kolkata)

works on 25, September and the test run was successfully
done on that day itself.

Hosco Pvt. Ltd finished the pipeline connection, training
for security and staffs was successfully conducted and 250
KVA dedicated transformer was also installed recently. (DIPR)

MOU between MMM College & CSIR-CMERI Industry-Press Interactive Meet held

EOI CORRESPONDENT

DURGAPUR, OCT 8/- CSIR-CMERI organised an Industry-
Press Interactive Meet on 8th October 2021 in the distinguished
presence of Prof. M.S. Unnikrishnan, Chief Executive Officer,
IIT-Bombay Monash Research Academy, Mumbai & Former
MD & CEO, Thermax Ltd; Prof. Harish Hirani, Director, CSIR-
CMERI; Dr. Srinivasan Duraiswamy, Vice-President, New
Technology Business Development, Reliance Corporate,
Mumbai and Dr Lipika Dey, Tata Consultancy Services,
Research and Innovation. A Memorandum of Understanding
was also signed on 08 October, 2021 between CSIR-CMERI,
and Michael Madhusudan Memorial College, Durgapur for
Hands on skill promotion to students on Water Quality
Assessment, to organize joint skill development programmes,
and events such as seminars, workshops, conferences and



exchange of information for the Youth.

The CSIR-CMERI indigenously developed Solar DC
Cooking System was demonstrated to the distinguished
Guests in the presence of the Media representatives in the
CSIR-CMERI Sustainable Kitchen.

The CSIR-CMERI developed Solar DC Cooking System
is a Solar Energy based Cooking System which consists of
solar PV panel, charge controller, battery bank and cooking
oven. The technology provides a Clean Cooking Environment,
Inverter-Less Direct Operation, Fast and Uniform Heating
and effective handling of Voltage Fluctuations.

Prof. Unnikrishnan while interacting with the members
of the Press shared that CSIR-CMERI has been steadily leaning
towards developing a Science-Leveraged Ecology and Society.
The tremendous accomplishments of CSIR-CMERI in the
recent years have been making an impact in the country and
the same is also reflected in the premises of CSIR-CMERI
which houses the Prototype of these Technologies. Today
when there is a huge demand for pollution causing LPG, it
is very important that Sustainable Alternatives are explored
for the future. The CSIR-
CMERI developed Solar DC
Cooking System is a perfect
specimen of a Clean and Green
Alternative. The Solar DC
Cooking System once
channelized to the Market can
be a Big Technology
Breakthrough for the Nation.
India depends heavily on LPG
Imports and such a Renewable Option can alter India's Energy
Needs.



Prof. Hirani shared that besides the huge Import Bills for
LPG, it may be a source of Indoor Pollution. The CSIR-CMERI
developed Solar DC Cooking System is a novel and path-breaking
alternative to LPG. The performance of the System is better
compared to LPG based Conventional Cooking Systems. CSIR-
CMERI is working towards upgrading the aesthetics and
ergonomics of the Technology. The technology is available in
both domestic as well as Community scale. The Coil Design
for the System has been developed to effectively tackle Voltage
Fluctuations. The design of the Technology is simple to facilitate
Ease-of-Manufacturing, however CSIR-CMERI has worked upon
Innovative Integration of these Sub-Systems. The technology
has already been transferred to two Enterprises and further
dissemination of the Technology to the market will help improve
the general acceptance of the same in the Society. The
popularizing of the Technology may also help India achieve
its ambitious Solar Energy target of 150 Giga Watt. This
technology may give a boost to the Job Scenario by improving
the prospects of the Micro-Scale Manufacturing Enterprises
and consequently improving the Job-Scenario.

The CSIR-CMERI developed Integrated Municipal Solid
Waste Management Technologies, Waste Water Filtration Plant
for Agriculture/Pisciculture, World's Largest Solar Tree,
Centre for Advanced Manufacturing and Metrology Group,
Aero-Systems Laboratory, Water testing Laboratory,
Mechanized Scavenging System, Farm Machinery Training
and Testing Centre and Sustainable Kitchen were also
demonstrated to the distinguished guests.

Dr.G.M. Helauddin, Principal, Michael Madhusudan
College, Durgapur, shared that this MoU between the two
Institution will tremendously help in benefitting the young
minds of the M.M. College as they would get access to the
State-of-the-Art Technology Infrastructure and learn about
the latest advancements in Science & Technology.





CERTIFICATE OF PARTICIPATION



This certificate is presented to

AGNIV CHAKRABORTY

of Michael Madhusudan Memorial College, Durgapur

upon successful completion of the Skill Development Programme on

Analytical Techniques and Instrumentation for Water Quality Assessment

(05.03.2020– 06.03.2020)

Organised by

CSIR - Central Mechanical Engineering Research Institute, Durgapur

as a part of the

CSIR INTEGRATED SKILL INITIATIVE

Dr. Biswajit Ruj

Environmental Engineering Group
CSIR-CMERI, Durgapur

Prof. (Dr.) Harish Hirani

Director
CSIR-CMERI, Durgapur

Dr. Debajyoti Banerji

Skill & Innovation Promotion Group
CSIR-CMERI, Durgapur



CERTIFICATE OF PARTICIPATION

This certificate is presented to

ARKA LAHA

of Michael Madhusudan Memorial College, Durgapur

upon successful completion of the Skill Development Programme on

Analytical Techniques and Instrumentation for Water Quality Assessment

(05.03.2020 – 06.03.2020)

Organised by

CSIR - Central Mechanical Engineering Research Institute, Durgapur

as a part of the

CSIR INTEGRATED SKILL INITIATIVE

Dr. Biswajit Ruj

Environmental Engineering Group
CSIR-CMERI, Durgapur

Prof. (Dr.) Harish Hirani

Director
CSIR-CMERI, Durgapur

Dr. Debajyoti Banerji

Skill & Innovation Promotion Group
CSIR-CMERI, Durgapur





CERTIFICATE OF PARTICIPATION



This certificate is presented to

MOURITA MANDAL

of Michael Madhusudan Memorial College, Durgapur

upon successful completion of the Skill Development Training Programme on

ANALYTICAL TECHNIQUES AND INSTRUMENTATION

FOR WATER QUALITY ASSESSMENT

(October 5 - 6, 2021)

Organised by

Environmental Engineering Group

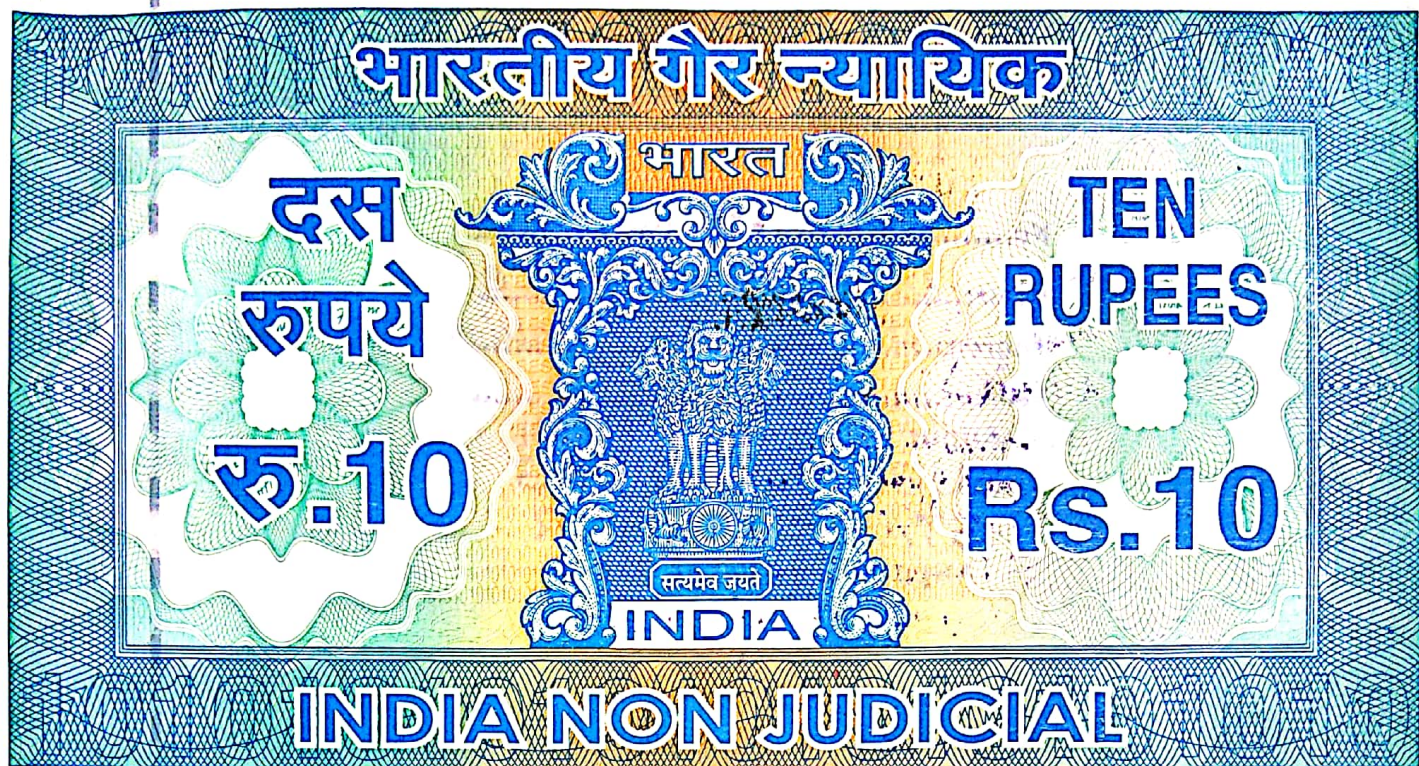
CSIR-Central Mechanical Engineering Research Institute, Durgapur

as a part of the

CSIR INTEGRATED SKILL INITIATIVE

Dr. Biswajit Ruj
Co-Ordinator

Prof. (Dr.) Harish Hirani
Director
CSIR-CMERI, Durgapur



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

21AB 327934

MEMORANDUM OF UNDERSTANDING

We, DR. Mrinal K. Ghosh, Senior Principal Scientist, Cancer Biology and Inflammatory Disorder Division, CSIR-Indian Institute of Chemical Biology, 4, Raja S. C. Mullick Road, Jadavpur, Kolkata 700 032, and Dr. Kirat Kumar Ganguly, Assistant Professor (HOD), Department of Microbiology, Michael Madhusudan Memorial College, Kabiguru Sarani, City Centre, Durgapur-713216, West Bengal are willing to submit a joint project entitled "Targeting Triple Negative Breast Cancer (TNBC) Overexpressing EGFR (HER1): A nanotechnology based combinatorial chemotherapeutic approach" to DST Core Research Grant (CRG), SERB, for extramural funding.

We, hereby, agree to sign the formal MoU for the above mentioned project involving all parties i.e. Scientist/Faculty, their organizations and the funding agencies etc as required by CSIR, if the project is approved and funded by DST Core Research Grant (CRG), SERB, before commencement of the project. We understand that a prior MoU is mandatory as per CSIR rules for the commencement of any collaborative project at CSIR-IICB.

18437

23 MAR 2018

No.....Rs.- **10/-** Date.....

Name: Director, CSIR-ICB

Address: 4, Raja S.C. Mallik Rd, Kol-32

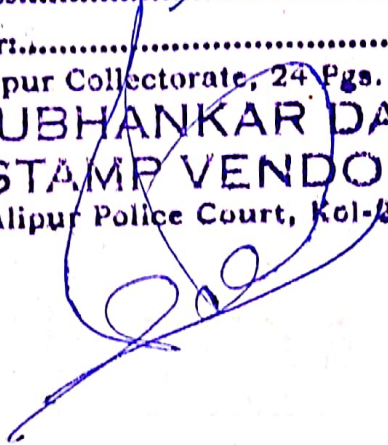
Vendor:.....

Alipur Collectorate, 24 Pgs. (S)

SUBHANKAR DAS

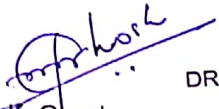
STAMP VENDOR

Alipur Police Court, Kol-27




We will bear all responsibilities and any judgment in connection to the above subject will be binding on us.


Signature with date and Seal:



DR. MRINAL K. GHOSH
Principal Scientist
Dr. Mrinal K. Ghosh CSIR-Indian Institute of Chemical Biology
Senior Principal Scientist Associate Professor, AcSIR
Raja S. C. Mullick Road, Jadavpur
CSIR-Indian Institute of Chemical Biology, W. B., India

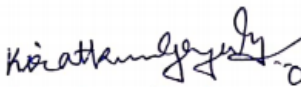
Witness:


7/6/19
Dr. Arun Bandyopadhyay
Chief Scientist and Head, BDG and IPM
Division,
CSIR-Indian Institute of Chemical Biology

 अरुण बंद्योपाध्याय, पी.एच.डी.
Arun Bandyopadhyay, Ph.D.
मुख्य वैज्ञानिक / Chief Scientist
प्रमुख, वैश्विक वित्त प्रबंधन एवं व्यापार विकास समूह
Head, Business Development Group
सी.एस.आई.आर. - भारतीय रासायनिक जीवविज्ञान संस्थान
CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
4, राजा एस. सी. मुल्लिक रोड, यादवपुर, कोलकाता - 700032
4, Raja S. C. Mullick Road, Jadavpur, Kolkata - 700 032


Dr. Aparna Laskar
PTO and Nodal Officer for Business
Development
CSIR-Indian Institute of Chemical Biology

 अपर्णा लस्कर, पी.एच.डी.
Aparna Laskar, Ph.D.
प्रधान तकनीकी अधिकारी / Principal Technical Officer
व्यापार विकास समूह / Business Development Group
सी.एस.आई.आर. - भारतीय रासायनिक जीवविज्ञान संस्थान
CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
4, राजा एस. सी. मुल्लिक रोड, यादवपुर, कोलकाता - 700032
4, Raja S. C. Mullick Road, Jadavpur, Kolkata - 700 032


07/06/2019
Dr. Kirat Kumar Ganguly
Assistant Professor
Michael Madhusudan Memorial College
Kabiguru Sarani, City Centre,
Durgapur-713216, WB

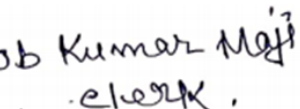
Witness:

1.


07/6/19

Mr. Dharmajoy Chatterjee
Head Clerk, MMU College

2.


07/06/19
