

Memorandum of Understanding (MoU)

Between

Shri Sharda Bhavan Education Society's

Indira Gandhi (Sr.) College, CIDCO Nanded.

Department of Environmental Science

And

Dyandeep Shikshan Prasark Mandal's

Dr. Khatri College, Tukum, Chandrapur

Department of Environmental Science

This Memorandum of Understanding (MoU)

Is entered into

on

Thursday 1st July , 2021.

By And Between

Department of Environmental Science

Indira Gandhi (Sr.) College, CIDCO, Nanded.

AND

Department of Environmental Science

Dr. Khatri College Tukum, Chandrapur

Preamble

Undoubtedly, there is a need to exchange new technologies and information in higher education. Therefore, it helps in improving the teaching methods, research work and quality of students in higher education. In order to strengthen the academic level of the students and the sustainable development of society, it is necessary to have a Memorandum of Understanding (MoU). To share the various academic activities and research ideas from various universities, colleges or educational institutions providing higher education. Keeping this broad view in mind, department of Environmental Science of our college has taken initiative, we are signing a Memorandum of Understanding between Department of Environmental Science, Indira Gandhi (Sr.) College, CIDCO Nanded and Department of Environmental Science Dr. Khatri college, Tukum, Chandrapur.

Indira Gandhi (Sr.) College, CIDCO, Nanded:

Shri Sharda Bhavan Education Society (SSBES) was established in 1952 with an educational vision to “*Dispel darkness of illiteracy from lives of the poor*”. The founder President of SSBES Late Dr. Shankarraoji Chavan, former Hon. Minister, Government of India, established first educational institute in 1952 and then onwards there was no looking back of the society and at present running a number of schools and colleges in both rural and urban areas. The SSBES known for its academic quality and Govt. of Maharashtra awarded ‘Dalit Mitra Puraskar’ in the Year 2000-2001 and Rajya Puraskar in 2009.

Shri Sharda Bhavan Education Society’s Indira Gandhi (Sr.) College, CIDCO, Nanded runs the course in Arts & Science faculties from year 2000 with college goal to achieve academic excellence, promote research and strive for multidimensional personality development of student keeping pace with time. It holds a position in the outer rural area of Nanded.

The College is recognized for its discipline. It aims at versatile development of students in academic, Socio-cultural fields so as to make them responsible individuals to make better society/world. The student strength is gradually increasing. The college has achieved Best Exam Centre Award by affiliating university i.e. S.R.T.M.U. Nanded in the year of 2009. The college has got Third Prize Best College magazine by S.R.T.M.U. Nanded the year of 2008-09 & 2011-12. Dr. G. N. Shinde, then Principal is honored by the Government of Maharashtra with Ideal State Teacher Award in the year 2008-09 for State Govt. of Maharashtra and Best Principal Award in 2009-10 by S.R.T.M.U. Nanded. The college promotes its faculty to carry out research work by providing freedom to the Principal Investigator of MRP such as leaves for working and other infrastructural facilities. The College faculties have completed total 14 Minor Research Project from U. G. C., Pune (WRO) and S. R. T. M. University Nanded.

About Department:

Dept. of Environmental Science is established in the year June 2001. Department is actively engaged in imparting knowledge to the students. Presently two teaching staff are working, Both are Research Guide in the subject and total six research students are registered their name for research. One student is passed out. The area of work is covering Air, Water and , Soil Pollution, Environmental Management etc.

Department is already in MoU with Maharashtra Pollution Control Board (MPCB). The MPCB has sanctioned National Ambient Air Monitoring Programme (NAMP) project to check the Air Quality of Nanded city. The teaching staff is highly qualified, dedicated and involved in research.

The laboratory is strengthened with necessary equipments required to run the various project and research activities and competent to analyze Physico-chemical and Biological characteristics of soil, water and air. The students are also interactive & willing to achieve the knowledge.

The following are the assets of our Dept.

1. Well established , spacious laboratory
2. One MRP of SRTMU is completed .
3. One Research Scholars have been awarded Ph. D.
4. Two Workshops are completed.
5. Departmental Library, Internet Facility, ICT facilities are available.

Dr.Khatri College,Tukum, Chandrapur

The Arts, Commerce and Science College, Tukum, Chandrapur, begins from the session 1991-92, with the discipline of Arts, Commerce and Science. This is a college of co-education affiliated to Gondwana University, Gadchiroli and recognized by Government of Maharashtra. The College is included under section 2(f) of UGC and NAAC accredited. We are the first to introduce post-graduation programmes in Mathematics and Computer Science from the session 1996-97. The Principal, teaching & non-teaching Staff have dedicated themselves to build an environment of holistic and inclusive learning, inspiring the youth to create a fruitful and responsible future.

In view of educational need of local area, the college introduced Junior college in Arts, Commerce and Science stream from the session 1999-2000. The post-graduation courses M.A. in Sociology, Political Science, History and Marathi were added from the session 2001-02, whereas B.Sc. (IT), M.Sc. (Environmental Science), M.Com. DBM and M.A. (Home Economics) in

2005-06. Recently, college has introduced PG courses in Chemistry, Physics and Zoology from the session 2019-2020.

The college has already established its identity and fame for its academic excellence, regularity and punctuality in taking classes, discipline and administrative control. The college is now developed as an education hub with academic flexibility, providing education in total 46 Courses of 17 UG and PG programmes. The degree college has well qualified teaching staff of 30, out of which 12 M.Phil, 19 Ph. D. and 12 Ph. D. Supervisors. Many of our faculty members work on various academic bodies of the University as well as participate in social and cultural activities.

The college is progressing by leaps and bounds under the able guidance of Dr. N.H. Khatri, Former Dean, Faculty of Commerce, Nagpur University Nagpur and President, Dnyandeep Shikshan Prasarak Mandal, Chandrapur. The management is highly supportive for the overall development of the students and faculty.

The name of the college now (Session 2021-2022) is Dr.Khatri College, Tukum, Chandrapur

About Department

The department of Environmental Sciences was established in the year 1997. The undergraduate programme had begun a journey from the year 1999 with adequate students. The college has started its M.Sc. degree programme in 2005. Gondwana University was established in the year 2011 since then the entire work of board of studies is handled by chairman and BOS member of this department. The Department head is also working as visiting faculty at local Sardar Patel college, Chandrapur. Seven students got registration in the subject out of those two students awarded with the Ph.D. degree. The department had successfully completed consultancy work given by regional government engineering college, Chandrapur on monitoring air pollution of the city. Faculty successfully acted as resource person in refresher courses conducted by UGC, HRDC, Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, and short term course organized by UGC, HRDC, Centre, Sant Gadge Baba University, Amravati. Faculty also delivered a speech at a symposium organized by the School of Earth Science, SRTM, Nanded,

The alumni of this department are working in the education field as assistant professor, junior college teacher, quality control laboratory in charge in industry, carbon credit consultancy work, etc.,

Memorandum of understanding between environmental science department in inter-university colleges is the milestone to work for exchange of knowledge about environmental issues, awareness, conservation..

Collaboration:

This Memorandum of Understanding (MoU) is entered into on this day of Thursday 1st July , 2021. by and between Department of Environmental Science Indira Gandhi (Sr.) College, CIDCO, Nanded. and Environmental Science .

Dr. Khatri College Tukum, Chandrapur agree that cooperation in research collaborations , students and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities. Department of Environmental Science Indira Gandhi (Sr.) College, CIDCO, Nanded. and Dept. of Environmental Science and Dr. Khatri College Tukum, Chandrapur have mutually agreed to collaborate with each other in the following areas.

- Intellectual Property Rights;
- Dissertation work.
- Faculty and student exchanges Faculty.
- Joint conferences and workshops;
- Joint Research Programmers funded from outside agencies viz., UGC, DST, DBT, CSIR etc;
- Joint field work, Study tour etc.
- Any other areas of mutual interest.

The parties anticipate that a number of these initiatives will occur during the period of this MoU. However, neither party is obligated to agree to any minimum number of activities, nor is this MoU intended to preclude either party from entering into similar agreements with other institutions. The available facilities of Colleges will be utilized with mutual consent and subject to the feasibility. Both parties agreed to enter into a collaborative understanding on the terms and conditions enumerated in this MoU.

Terms of collaboration:

A) Department of Environmental Science Indira Gandhi (Sr.) College, CIDCO, Nanded. and Department of Environmental Science Dr. Khatri College Tukum, Chandrapur agree to enter into detailed agreements on case-to-case basis, with a defined objective, specifying the scope of work and mutual obligations, terms and conditions, financial arrangements, Intellectual Property Rights and similar contractual obligations.

B) In case either party wins a consultancy project by projecting this MoU, a liability is created immediately in respect of premium due to either party. Either party shall concur with the

liability to the extent of contribution to the output of the project. Both the parties will arrive at the exact amount of liability after mutual consent.

C) The infrastructural facilities and intellectual resources available in both the colleges will be utilized by mutual consent.

Disclaimer:

This MoU is not intended by Department of Environmental Science Indira Gandhi (Sr.) College, CIDCO, Nanded. and Department of Environmental Science Dr. Khatri College Tukum, Chandrapur to constitute, create, give effect to, or otherwise recognize a joint venture, agency, partnership, or formal business organization of any kind. Each party here to shall act as an independent entity and neither shall act as an agent of either organization for other purposes. Neither party has the authority to bind the other party.

Non-exclusivity:

The agreement reflected by the provisions of this MoU are non-exclusive in nature and both the parties can enter into cooperative arrangements with other parties to suit their organizational needs.

Confidentiality:

The parties understand that in the course of their association, they shall have access to confidential information provided by the other party. Accordingly, the parties agree that such information shall be maintained in the strictest confidence and trust, except such information which is by its nature, not confidential or which is in the public domain or which the party comes to know about other than through violation of any law of legal obligation, provided that such party may be entitled to disclose such information if legally required to be disclosed to a competent authority. Failure to maintain confidentiality shall entitle the affected party to terminate the MoU.

Validity:

This MoU would remain valid for a period of five years from the date it is signed by the parties and is renewable on mutual consent for such further period as agreed upon.

Term and Review:

The MoU shall be reviewed at the end of one year from the date of signing of this MoU. Either party can terminate the MoU after giving one month's notice to the other party subject to fulfillment of commitments already agreed upon.

Amendments:

This MoU constitutes the entire understanding between the parties hereto. Except as otherwise provided herein, no addition, amendment to or modification of this MoU shall be effected unless

it is in writing and signed by and on behalf of both parties by their respective authorized signatories.

Any Dispute

Any dispute arising out of this MoU will be settled by mutual negotiations between the two parties.

For agreed upon activities, both institutions will make available their facilities and staffs. This MoU will take effect on and will be valid for ten (05) years from the date noted in the first line of this document unless terminated by one of the parties. Either party may withdraw from this MoU provided written notification of the withdrawal is given to the other party at least two (2) months prior to the desired withdrawal date. This MoU may be renewed for another period of five (05) years upon mutual written consent of the parties before the expiration date. Each institution will have copies of this agreement.

The following authorized individuals have signed the present MoU on behalf of their respective institutions:

This Memorandum of Understanding (MoU)
is entered between

Department of Environmental Science,
Indira Gandhi (Sr.) College, CIDCO, Nanded
&
Department of Environmental Science,
Dr. Khatri Mahavidyalaya, Tukum, Chandrapur

On

Thursday 1 July, 2021

Dr. R. P. MALI
Principal
Indira Gandhi (Sr.) College,
,CIDCO, Nanded


Dr. J. M. KAKADE

Principal
Officially Principal
Dr. Khatri Mahavidyalaya
Tukum, Chandrapur



Dr. R. G. PAWALE
HOD
Dept. of Environmental Science
Indira Gandhi (Sr.) College,
,CIDCO, Nanded


Dr. M.G. THAKRE

HOD
Dept. of Environmental Science
Assistant Professor & Head
Dr. Khatri Mahavidyalaya,
Tukum, Chandrapur