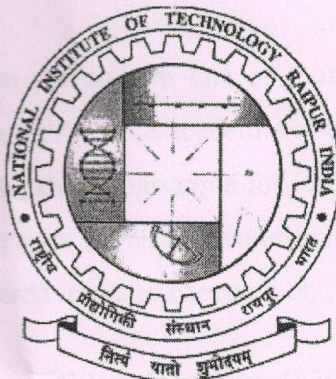


Memorandum of Understanding (MoU)

Between



National Institute of Technology (NIT)
Raipur

and



Pt. Jawaharlal Nehru Memorial Medical College
(PtJNMMC), Raipur

MEMORANDUM OF UNDERSTANDING (MoU)

Between

National Institute of Technology, Raipur

And

Pt. Jawaharlal Nehru Memorial Medical College, Raipur

PREAMBLE

With recognition of their strengths in research in one or more disciplines of science, and their mutual interest in engaging themselves in research/academic cooperation, ***NIT Raipur and Pt. JNM Medical College Raipur*** agree to establish a programme for research/academic cooperation in areas of mutual interest, and in accordance with terms and conditions set forth in this memorandum of understanding (MoU). This MOU entered into and executed on³⁰⁻⁹⁻²⁰¹⁴.....2014 between

National Institute of Technology, GE Road, Raipur-492010, Chhattisgarh (hereinafter referred to as 'NIT' as the context permits)

And

Pt. Jawaharlal Nehru Memorial Medical College, Jail Road, Raipur-492 001, Chhattisgarh (hereinafter referred to as 'Medical College' as the context permits)

NIT Raipur is the first party and Pt JNM Medical College Raipur is second party in this MoU.

About National Institute of Technology, Raipur

The National Institute of Technology (NIT) Raipur is committed to the challenging task of development of technical education by preparing seasoned graduates in the field of engineering and technology. Among all the department of NIT Raipur, Department of Biotechnology and Department of Biomedical Engineering are aiming of building skilled man power to support research and development in the field of biological & healthcare science and technologies. Development of India as an emerging industrial power is a demanding exercise as it involves the combination of cost effectiveness and efficiency along with producing world-class technology at the cutting edge. For about five decades institute have been doing it with sincerity and commitment. At present the institute offers following courses

- Under graduate: 12
- Post graduate: 06



- Ph.D.: All the disciplines of UG and PG

NIT Raipur is interested and moving towards this MOU for the establishment of a fruitful means to exchange knowledge, information and research and to facilitate and enhance the interaction between two institutes.

About Pt. Jawaharlal Nehru Memorial Medical College, Raipur

Pt. Jawaharlal Nehru Memorial Medical College, Raipur is the largest government medical college of Chhattisgarh, established in 1963. The college received its MCI recognition in 1969. The college was initially established in the campus of the Government Ayurvedic College and presently it is the only tertiary level health institution of the state covering the population of Chhattisgarh. The average daily OPD attendance is more than 900, with more than 100 major and minor surgical procedures done daily. With regional ICMR centre and credible laboratory establishments, the Medical College is one of the best research institutions of Chhattisgarh state as well. Currently Pt. JNMMC Raipur is running courses mentioned below

- Under Graduate Medical Education
- Post Graduate Medical Education
- Nursing Education
- Dental Education

A. Objectives

The goal of this cooperation is to foster academic and research collaboration, provide opportunity for global experience, and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit, and frequent interactions. Medical College Raipur and NIT Raipur agree:

- a) To jointly propose and engage in research or training programmes as per national priorities; sponsored by funding agencies, and to invite each other's scientists/faculty to participate therein.
- b) To exchange the information on research and educational programmes, teaching, learning material and other literature, with due approval of the competent authority of both the organizations.
- c) To jointly organize short-term continuing education programmes on topics of mutual interest



and to invite each other's scientist/faculty to participate therein.

- d) To jointly organize seminars, conferences, or workshops on topics of mutual interest and to invite each other's scientist/faculty to participate therein,
- e) To exchange, on a reciprocal basis, students/scholars for limited periods of time for purpose of education and /or research.
- f) To encourage any other academic/research activities that both the institutions agreed to be on mutual benefit.

Medical College Raipur and NIT Raipur agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two institutions. These terms shall include a technical description of proposed activity, financial arrangements, and person(s) responsible for its implementation, etc.

B. Joint Sponsored Research, Development and Consultancy

Medical College Raipur and NIT Raipur agree to help identify and invite scientists/faculty members from the other institution to participate in research or development programmes already sponsored as well as new proposals by external funding agencies. The terms and conditions for such participation will be worked by mutual agreement between the scientists/faculty member(s) and the institution extending such an invitation. Data generated through such collaborative research shall be published in scientific journals jointly, with due approval of the competent authorities of both the institutions. When a scientist/faculty member visits the other institution on invitation or as part of such joint research project, then such a visit will be classified as such, and handled as per rules of the individual institution.

C. Exchange of Faculty, Scientists, Staffs and Students

Medical College Raipur and NIT Raipur agree to encourage collaboration between faculty and scientists from the two institutions. Specifically, the institutions will encourage members of their scientist/faculty to undertake short visits to, or take up fixed-term visiting assignments at, each other's institution. The terms and conditions for each visit or an assignment, including those concerning stipend, travel, and housing, will be worked out between the concerned scientist/faculty members. Students and staffs may exchange between both the institution for R&D and academics.



D. Exchange of Scientific and Technical Material

Medical College Raipur and NIT Raipur will exchange information on research and educational programmes, teaching, learning material and other literature, relevant to their educational and research programmes, with due approval of the competent authority of both the organizations. Further, NIT and Medical College agree to explore ways to share teaching material, and other relevant literature, while respecting each other's intellectual property and other rights.

E. Joint Conferences, workshops and short-term courses

Medical College Raipur and NIT Raipur agree to help identify and invite scientists/faculty members from the other institution to participate in conferences, workshops and short-term courses. The terms and conditions for such participation will be worked out by mutual agreement between the invited scientist/faculty member(s) and the institution extending such an invitation. When a scientist/faculty member visits the other institution on invitation or as part of such joint activity/research project, then such a visit will be classified as such, and handled as per rules of the individual institution.

F. Intellectual Property

Medical College Raipur and NIT Raipur agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arise as a result of any collaborative research or activity under this MoU will be worked out on a case-to-case basis by the competent authorities of both the institutions, and will be consistent with officially laid down IPR policies of the two institutions.

G. Co-ordination Committee

a) Head of both the institutions

- Dr. Sudarshan Tiwari Director, National Institute of Technology Raipur
- Dr. A. K. Chandraker Dean, Pt. Jawaharlal Nehru Memorial Medical College, Raipur



b) Coordinating Officers from both the institutions

Two Coordinators from NIT, Raipur

1. **Dr. Lata SB Upadhyay (Head)**
Department of Biotechnology
National Institute of Technology
Raipur-492010, Chhattisgarh
2. **R. Periyasamy, Assistant Professor**
Department of Biomedical Engg.
National Institute of Technology
Raipur-492010, Chhattisgarh

Two Coordinators from Medical College, Raipur

1. **Dr. P.K. Patra (Professor & Head)**
Dept. of Biochemistry, Pt. Jawaharlal Nehru
Memorial Medical College
Raipur-492001, Chhattisgarh
2. **Dr. L.V.K.S Bhaskar (Senior Scientist)**
Sickle Cell Anemia Institute, Pt. Jawaharlal Nehru
Memorial Medical College
Raipur-492001, Chhattisgarh

The coordination committee will periodically review and identify ways to strengthen cooperation between these two institutions.

H. Tenure and Termination

1. This MoU will take effect from the date it is signed by heads of NIT & Medical College.
2. This MoU may be amended at any time by written mutual consent of the competent authorities from both the institutions.
3. Either institution may terminate the MoU by giving written notice to the other institution, not less than six months prior to the desired termination date. However, NIT and Medical College agree that all on-going research/activities are allowed to complete successfully, and obligations of the funding bodies, if any, are met in full, subsequent to the notice of termination.
4. The termination of this MOU shall not affect the rights or obligations of either institutions regarding any binding offer or firm obligation approved and agreed to either institutions prior to the termination date.

J. Arbitration Clause

In event of any disputes arising between Medical College Raipur and NIT Raipur hereto, it shall be endeavor of Director, NIT and Dean, Medical College to first make an attempt to resolve the dispute amicably by mutual discussion and deliberations in a spirit of independence, mutual respect, and shared responsibility, failing which the disputes shall be referred to Arbitration. The Arbitration shall be conducted as per the provisions of arbitrations and conciliations Act 1996. The

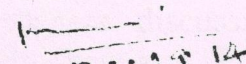


Arbital tribunal shall consist of a Sole Arbitrator, to be appointed mutually by both the institutions.
The award of the Tribunal shall be final and binding on both the institutions.

IN WITNESS, WHEREOF NIT RAIPUR AND Pt. JNM MEDICAL COLLEGE RAIPUR
HERETO HAVE EXECUTED THIS MOU OR CAUSED IT TO BE EXECUTED IN THEIR
NAMES AND ON THEIR BEHALF BY THEIR DULY AUTHORIZED REPRESENTATIVES
ON THE DATE SET FORTH.

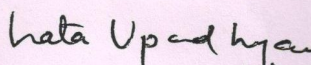
For and on behalf of NIT Raipur

For and on behalf of Pt. JNMMC Raipur

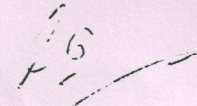

(Director) DIRECTOR
National Institute of Technology (NIT)
Raipur (Institute of National Importance)
Date: RAIPUR-492 010 (C.G.)


(Dean)
Pt. Jawaharlal Nehru Memorial Medical College
Raipur, Chhattisgarh
Date:
DEAN
Pt. J.N.M. MEDICAL COLLEGE
RAIPUR. (C.G.)

Witnesses:

Signature 
Name Dr Lata S.B. Upadhyay
Designation Asst. Prof
NIT Raipur

HEAD
Department of Biotechnology
National Institute of Technology
Raipur (C.G.)


Signature
Name Dr. Pradeep Kumar Patra
Designation Prof S Head. Biochemistry
Pt. JNMMC Raipur

PROFESSOR & HEAD
DEPARTMENT OF BIOCHEMISTRY
Pt. J.N.M. Medical College, Raipur (C.G.)