Memorandum of Understanding (MoU)

This Memorandum of Understanding (MoU) between **Jaypee University of Engineering and Technology (JUET), Guna (M.P.)** represented by its Vice-Chancellor, **Prof. Dr. D.K. Rai** and **Jaypee Institute of Information Technology (JIIT), Sector-62 and Sector-128, Noida, (U.P.)** represented by its Vice-Chancellor, **Prof. Dr. B.R. Mehta** is made on the 7th day of November, 2024 and shall come into force with immediate effect.

1. **Jaypee University of Engineering and Technology (JUET)**, Guna, Madhya Pradesh, India set up in 2003 – **The First Private University** in the State of Madhya Pradesh, and Conferred the **'Excellent University Award'** by Government of Madhya Pradesh.

It has a modern well laid out sprawling Green Campus on 123 Acres of land on the Agra-Mumbai National Highway, with fully equipped state-of-the-art laboratories and library.

Significant Highlights – JUET

- **NAAC accredited university with A+ grade**
- **About 95% faculty members with Ph.D. degree from reputed institutions of the country like IIT, NIT, etc.**
- A large base of 6851 alumni including 120 Doctoral
- **"Best Accredited Student Branch Award" by Computer Society of India (CSI) in 2017**
- 11 National/International Conferences, 31 National/International workshops, 23 Short Term Courses, around 2500 delegates attended, 185 invited talks delivered by experts from around the world and number of FDPs organized
- Published more than 1460 Research papers, 80 Books and Book Chapters
- 43 Patents published
- Special appreciation for carbon positive campus

The Student intake is purely on Merit.

2. **Jaypee Institute of Information Technology (JIIT), Noida**, Uttar Pradesh- India set up in 2001, is a **Deemed to be a University** as per the approval of University Grants Commission (UGC), MHRD, Government of India, New Delhi.

India's leading Magazine **'INDIA TODAY'** in its special **Issue dated 01/07/2024 on Best Colleges of India**, has **rated** Jaypee Institute of Information Technology, Sector-62, Noida

- **Amongst Top 10 Highest Scoring Colleges among those setup in and after 2000.**
- **Ranks 9 on the list of Colleges with the best Placement record,**
- **Ranks amongst the Top 10% of India's 253 Private Engineering Institutes** (INDIA TODAY, MDRA Survey, 2024).

Significant Highlights – JIIT

- NIRF All India Rankings : JIIT has consistently achieved rank in top ranging from 54 to 100 - 150 band institutions in engineering category since 2016.

- Accredited by NAAC with 'A' grade in 2023.
- B.Tech Program in CSE, IT, ECE and Bio Technology are accredited by National Board of Accreditation.
- AICTE approved Programs since 2018.
- Highly experienced faculty members. Majority from IIT's and other high end Institutions/ University of repute.
- 18318 alumni including 324 Doctoral, 13905 B.Tech, 1622 M.Tech (including Dual/Integrated Degree), 1761 MBAs, 91 M.Scs and 164 BBAs.
- Organised 49 International Conference, over 380 invited talks and 150 Workshops and Seminars with 7,300 delegates from India and abroad during last 9 years. Organised more than 110 Webinars during last 3 year.
- Contributed 5,846 Research Papers in International and National Journals/Conference, 50 Books and 415 Book Chapters, 52 Case Studies.
- Credited with 61 Patents filed,584 Patents published, 3 Patent granted and 1 technology transfer.
- 107 Classrooms, 117 Laboratories, 2 Auditoriums, Administrative Offices, Outdoor and Indoor sports facilities, Dispensary, 3 Swimming pools, 11 hostels accommodating 1,560 boys and 624 girls in double occupancy, Vice-Chancellor, Director, Faculty and staff residences.

The University runs Undergraduate, Post-Graduate and Doctoral Programs in Computer Science Engineering, Information Technology, Electronics and Communication Engg, VLSI Design, Communication Technology, Bio-Technology and Business Management.

The Student intake is on Merit with a Contemporary Curriculum and Pedagogy.

Has close to a 100% Placement Record, even in current times.

Some of the Corporates, just to mention a few leading ones, which are regularly conducting Campus Placement Drive for recruiting JIIT Graduates are as follows:

Amazon, Google, Intel, Microsoft, Oracle, HCL, Mitsubishi, Deloitte, E&Y, Cognizant, Infosys, Wipro, Accenture, TCS, LTT Mindtree, Capgemini Tree, Capgemini, Lumiq, Aditya Birla Group, Adani, Linkedin, etc..

JIIT has set up a **Super Computer - 'Ramanujan Universe'** (configuration as below), named after famous Indian Mathematician, Srinivasa Ramanujan. This facility can help the Faculty and Students of all **Jaypee Universities** in their Research and Training.

- 110 Teraflops Speed
- 8' A100 Nvidia GPU Cards Accelerator node
- 6 compute nodes, 2 I/O nodes and 1 master node in a cluster
- Total 576 cores comprising of 384 cores of compute nodes
- 4.5 TB RAM and 500 TB usable storage
- Dual Smart rack
- A 200 Gig Infiniband Switch

The emphasis is on Experiential Learning and, therefore, the Curriculum embeds a combination of Class Room Lectures, Tutorials and Practical, Project Work across more than 110 Laboratories in JIIT in diverse areas including VLSI Design, 5G, ACT, Quantum Computing, Brain Computer Interface and Biotech Labs.

Hence, JUET has expressed its interest in collaborating with JIIT.

3. This Collaboration is intended to be based on the notifications issued by UGC and AICTE like:

i) *University Grants Commission (UGC)'s Notification [F No. 14-32/2018 (CPP-II)] dated 28.07.2021 in the official Gazette of India* on the Academic Bank of Credits in Higher Education, applies to all Universities in India which is aimed at paving the way for Seamless Student mobility between or within Degree granting Higher Educational Institutions (HEIs) through a formal System of Credits Recognition, Credit Accumulation, Credit Transfers and Credit Redemption to promote distributed and flexible teaching learning.

ii) *All India Council for Technical Education (AICTE) through Chapter-3, AICTE Approval Process Handbook 2024-2027* also accords its approval to Technical Institutions for conducting Courses.

4. JUET and JIIT are enthused by this move of the UGC and AICTE and to further promote Centricity of its Students with Learner Friendly Approaches in Higher Education, are collaborating through this MoU with JIIT being the 'Mentor' University and JUET being the 'Collaborating' University with the following objectives:

i) **Academic Partnerships:**
   a) Students can study at the Partner Institution for a period maximum up to 1 Semester and Credits earned from both institutions which shall not exceed 40% of Total earned Credits.
   b) **Students Exchange Programs:** Allows students, faculty, or researchers to study or work at the partner institution for a period of time.
   c) **Curriculum Development:** Institutions collaborate to design and develop new courses or programs.

ii) **Research Collaborations:**
   a) **Joint Research Projects:** Faculties or research centres from both institutions collaborate together on a specific research project.
   b) **Joint Research Funding and Grants:** Collaborative projects that attract National and International Research Grants.
   c) **Co-authored Publications:** Association in producing research papers, articles, or books.

iii) **Technology and Innovation:**
   a) **Joint Innovation Labs:** Using the labs focused on cutting-edge technology, such as AI, biotechnology, or renewable energy.

iv) Cultural and Social Exchanges:
    a)   **Joint Cultural Programs:** Hosting Cultural and / or Sports Events, workshops, or seminars to promote mutual understanding.
    b)   **Joint Social Impact Projects:** Joint initiatives focused on global challenges like sustainability, health, or education.

v) Capacity Building:
    a)   **Joint Training Programs:** Workshops and seminars to enhance skills and knowledge in specific fields.
    b)   **Joint Leadership Programs:** Development programs aimed at enhancing leadership skills in academia and beyond.
    c)   Joint Conference/Seminars/Workshops/Symposiums etc.

vi) Entrepreneurship and Start-Up Incubation:
    a)   **Joint Start-Up Incubators:** Collaborative programs to support start-ups.
    b)   **Joint Entrepreneurship Programs:** Initiatives that foster entrepreneurship through joint mentorship, funding, and resources.

vii) Total Education:
    a)   Following the concept of Total Education i.e. by extending the working hours of the Universities, the students can benefit from more efficient use of time with increased flexibility.
    b)   **Digital Learning Centre:** Supporting Optimal Use of Infrastructure by the University and Leveraging Technology to provide flexibility and convenience to Students

viii) Faculty and Students Exchange:
    a)   **Visiting Scholars:** Opportunities for faculty to teach or conduct Research jointly.
    b)   **Joint Professional Development:** Programs focused on enhancing the skills and capabilities of academic staff.

ix) Consultancy and Advisory Roles:
    a)   **Joint Expert Consultation:** Institutions may collaborate in providing consultancy services.
    b)   **Joint Advisory Boards:** Formation of advisory boards to guide academic strategies.

x) Summer Internship Collaborations:
    a)   **Joint Internship Exchange Programs:** Facilitating summer internships for students at partner institutions.
    b)   **Co-hosted Internship Programs:** Collaborating in designing and running internship programs.

5.   Any other Activity of Mutual Collaborative works which may be envisaged and encapsulated under Separate Agreements, under the provisions of the UGC, AICTE and other regulatory bodies.

6.   Fees of the Partner Institution (JIIT) for the duration of the Course under consideration shall be payable by the Student.
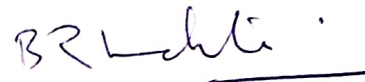
7.   **Term of this MoU:**

This MoU shall be initially for a period of 3 years effective from Academic Year, 2025-26 and shall be renewable with Mutual Consent.

Both the Universities agree to above in principle, subject to the completion of such other formalities required by the University bodies including the approval of the Competent Authority. In witness thereof, the parties representing the two institutions have offered their signatures below on the day month and year first above written:

<div align="center">

SIGNED AND DELIVERED BY

</div>

Vice-Chancellor
Jaypee University of Engineering and
Technology, Guna (M.P.)

Vice-Chancellor
Jaypee Institute of Information Technology
Sector-62 & Sector-128, Noida

Witness:

Witness: