LITE Minor Degree in Advanced Web Development

Ministry of Education, Government of India has announced a new Public-Private Partnership Scheme called the National Educational Alliance for Technology (NEAT) to bring technology-enabled teaching-learning for better learning outcomes for students. AICTE would be the implementing agency for the NEAT Scheme.

Under the NEAT scheme, AICTE and Pupilfirst Private Limited have accordingly executed a Memorandum of Understanding and have launched the 'Leadership in Teaching Excellence' program (the "LITE Program").

Based on the application and its satisfactory fulfilment of the required criteria for selection, AICTE has selected Marwadi University to participate in the LITE Program. For the LITE program, Marwadi University and Pupilfirst have accordingly executed a Memorandum of Understanding on August 6, 2021, to offer a Minor Degree approved by AICTE.

Minor Degree in Advanced Web Development Programme Structure:

The Minor degree program is divided into four courses:
1. Web Development 101 - Getting started with JavaScript (1 Credit)
2. Web Development 201 - Server-side programming with Node.js (6 Credit)
3. Web Development 301 - Front-end development with React & TypeScript (6 Credit)
4. Web Development 401 - Getting ready for production (7 Credit)

These four courses add up to 20 Credits and will be additionally offered at the Institute. Eligibility for the program: No backlogs

The course curriculum is set by Pupilfirst Private Limited in a manner to engage and drive the students to develop competencies required by the modern web development industry so that they are ready to contribute to a codebase running in a production environment when they graduate from the course.

Further more, an Addendum dated August 29, 2022, to the Memorandum of Understanding dated August 6, 2021, was executed for Scholarship program as stated below:

In the interest of training students who can become Teaching Assistants (TAs) to deliver future Courses (which in turn will enable AICTE and Pupilfirst to offer the Courses to a larger population of students), Pupilfirst will be offering the WD101 Course proposed tentatively to be conducted during August-September 2022 as an Interest-Based Admission Test (I-BAT) free of cost to all interested students at the Institute who fill out and submit completed interest forms. A select number of these students who complete WD101

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successfully were offered WD201 Course on a 100% scholarship basis. And students those completed WD201 with all conditions and requirements now will be offered Internship based scholarship for WD301 and WD401 course.

Aspects for withdrawing scholarship and removal from course(s):

Scholarship will be withdrawn, and course access will be terminated in the following circumstances:

1. You are found to have submitted incorrect information during application.
2. You have not submitted any work in WD201 course for a consecutive period of three weeks.
3. You are found to have violated the Code of Conduct during the course.

As LITE Faculty member, Prof. Tejas Chauhan will guide students throughout the course(s), and students can reach out to us for any questions.

Student Batch (B02Y22) Report:

As pre the MoU, and timeline provided by Pupilfirst Pat. Ltd., we have gone for information drive in the classes of Semester 5 students from below listed streams:

- Department of Computer Engineering, B.Tech.,
- Department of Computer Engineering - AI, B.Tech.,
- Department of Information Technology, B.Tech.,
- Department of Information and Communication Technology, B.Tech.

Below is the status of students for WD101 course:

Applied	Onboarded	Signed-in	Completed WD101 on September 16, 2022
161	136	131	69

All these 69 students were offered WD201 course and started their learning with prescribed timeline by the Pupilfirst for the course. 2 students from the list were able to complete all the requirements in time and are eligible for the internship and course WD301, which will start soon. Student list are as below:

Sr. No.	Name	Email	Department
1	Frehiwot Haile	frehiwotabebie.haile110361@marwadiuniversity.ac.in	Computer Engineering
2	Tasnimul Hasan Tauhid	tasnimulhasan.tauhid110488@marwadiuniversity.ac.in	Computer Engineering

The post-course form has been shared with students to capture their interest in WD301 course and internships offered by LITE Hiring Network Partners.
Course completion certificates for WD 101 and WD 201 were issued to students and detailed scorecards were shared with university.

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