

INDEX

- 1. Message from Principal Desk
- 2. Message from HOD Desk
 - 3. Vision and mission
- 4. Organizational structure
 5.TEQIP-III
- 6. Faculty Members
- 7. LABS
- 8. Academic activities

- 9.SWAYAM NPTEL & COURSERA
- 10.Technical activities
- 11. Sports activities
- **12.TECHMITI Techfest**
- 13.FIESTA 2.0
- 14.Achievements
- 15. GLIMPSES
 - 16. Newsletter Committee

MIT AT GLANCE



Muzaffarpur Institute of Technology (MIT), Muzaffarpur is a premier institution of eastern India for technical education Affiliated to Aryabhatta Knowledge University, Patna. It is under administrative control of department of science and technology and wholly funded by Govt. of Bihar. Established in 1954 MIT is one of the oldest technical institute in India working with moto MIT Moto||सर्वोपरिकर्म i.e. [Work is above everything else]. The foundation stone was laid by the first prime minister of India, Pandit Jawaharlal Nehru.

MIT Muzaffarpur came into existence on 25th September 1954, just seven years after independence of India. It was inaugurated by Sri C.P.N. Sinha, then governor of East Punjab. Initially it was started with Civil Engineering discipline with a batch of 45 students as 1954-55 batch with the name 'College of Civil Engineering, Muzaffarpur'.

On 21st April 1956 the first prime minister of India Pd. Jawaharlal Nehru laid down the foundation stone of main building. Electrical & Mechanical Engineering branches were added from session 1960-61 and the institute was renamed as Muzaffarpur Institute of Technology. Pharmacy, Leather Technology Information Technology & Electronics and Communication Engineering were added in 1978, 1986 and 2001 respectively. Postgraduate in Machine Design & Thermal Engineering started in 2017. The institute also caters to the research and development activities of the state of Bihar.

MESSAGE FROM PRINCIPAL'S DESK



PROF(DR.) Jagadananad Jha

"In the twenty-first century where everything seems to be going through transitional phase education is not and exception. Education denotes much more than acquiring knowledge only. It is obtainment of knowledge, wisdom and skills to refine and increase the employability of young and inspiring talents.

I believe in overall development of my students.MIT tends to make students not only promising engineers, but also human beings developed in all faculties. We organise several events to facilitate over all development of our students.MIT is on the path of consistent advancement and the academic year 2018-19 has epitomized that. Compendium mirrors the activities in which MIT has made incredible mark.Our faculties and students have brought honour to the institute by achieving recognition at state and national level."

"MIT tends to
make studentsnot only
promisingengineers,but
also humanbeings
developed in
all faculties."





Mr. Sanjay Kumar Choudhary

" It is really a matter of immense pleasure that the Department of LEATHER TECHNOLOGY, MIT, Muzaffarpur is bringing out the departmental e-magazine with an intent to showcase the literary, artistic, academic as well as nonacademic activities and talents of its students. Creative writing or the urge to write on matters that we feel, see and do is an integral part of learning and education. It not only helps to unfold our imagination, thoughts and aspirations towards life but also shows the spirit for living a meaningful life. I am sure that this E-magazine provides the right platform and ample opportunity to the students of Leather Technology to vent freely their creative minds, skills and knowledge and will definitely prove a stepping stone in developing their personalities and realising dreams. I hope the teachers, staffs and students of the department will significantly contribute to the success of the E-magazine and in achievement of its intended goal. I finally congratulate all concerned for their hard work and dedication in releasing the "

VISION

To emerge as a national leader in graduate level studies in all sub areas of leather technology and to make significant contribution to the development of the society, industry, nation and the world.

MSSION

1.Educate leather technology students to produce quality engineers who serve leading firms and different sectors of the industry and can work in multi-disciplinary environment to anticipate and address evolving challenges of the 21st century in tanning and footwear industry.

- 2. Impart high performance knowledge in leather and footwear sector that are economic and environment friendly.
- 3. To establish national leadership and provide technological support to the Indian leather industry

4.Improve fundamental knowledge of inter relationship between the built environment and natural systems.

IT IS NOT ENOUGH TO STARE UP THE STEPS, WE MUST STEP UP THE STAIRS



The Mission and Vision are published at:

- Institute Website
- Department website
 - Laboratories
 - Notice boards
 - HOD office

Apart from above mentioned way, Mission and Visions are disseminated to all the programs related to stakeholders through;

- * Faculty meetings,
- Student awareness workshops,
 - Student induction programs,
 - * Alumni meet,
 - * Placement drives,
- Industry institute interaction meetings etc.

Graduates are expected to attain Program Educational Objectives within three to four years after the graduation. Following PEOs of Department of Leather Technology have been laid down based on the needs of the programs consequencies.

PEO1. Work in the leather, chemical and footwear industries.

- PEO2. Contribute in teaching, research and other developmental activities of Leather technology and its allied fields.
- **PEO3.** Work in the multicultural and multidisciplinary groups for the sustainable development and growth of leather industry projects and profession.

PROCESS FOR DEFINING VISION AND MISSION OF DEPARTMENT

For defining the Vision and Mission a process was adopted in which suggestions and review from the stakeholders of the department were taken based upon the future scope and societal requirements. The process adopted is mentioned below.

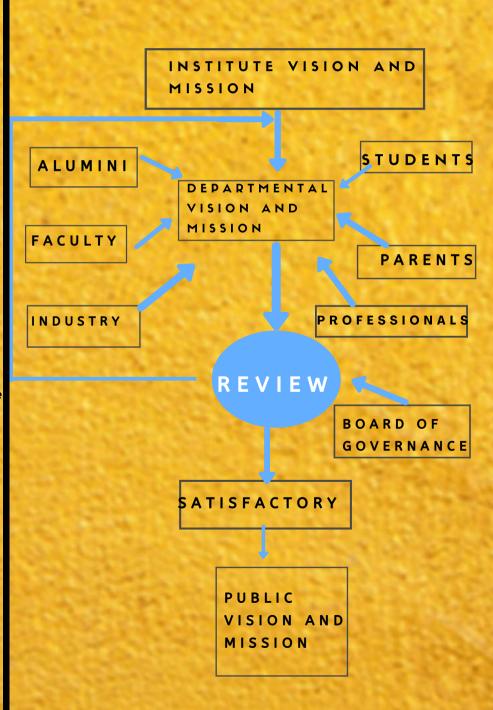
Step 1: During the process for defining the Vision and Mission of the department the Vision and Mission of the Institute was taken as basis.

Step 2: First at departmental level through meetings and brain storming session views from the faculties regarding the vision and mission of department were taken.

Step 3: Views were also taken from the stakeholders of the Department such as industry, Alumni, management and parents.

Step 4: Benchmarking with the similar category Institution was done

Step 5: The accepted views were analyzed and reviewed to check the consistency with the Vision and Mission of the Institute.



PROCESS FOR DEFINING PEOs

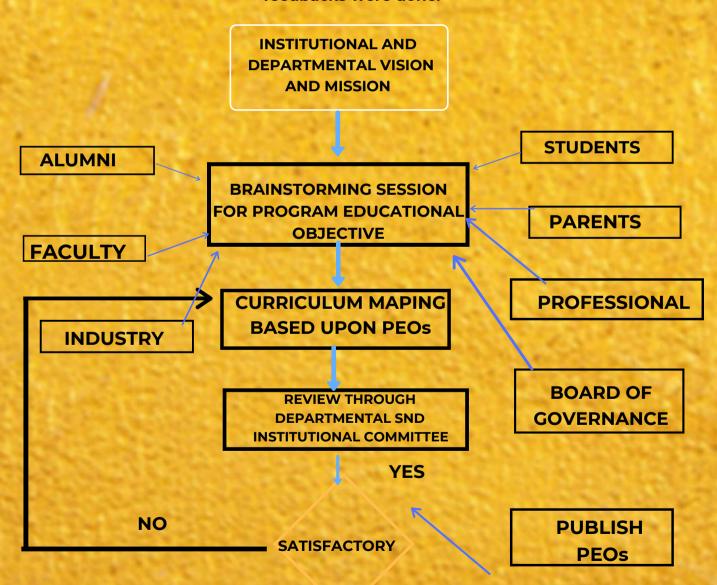
Process adopted for defining PEOs of the Program is given below.

Stage 1: Brainstorming sessions to define the PEOs were conducted.

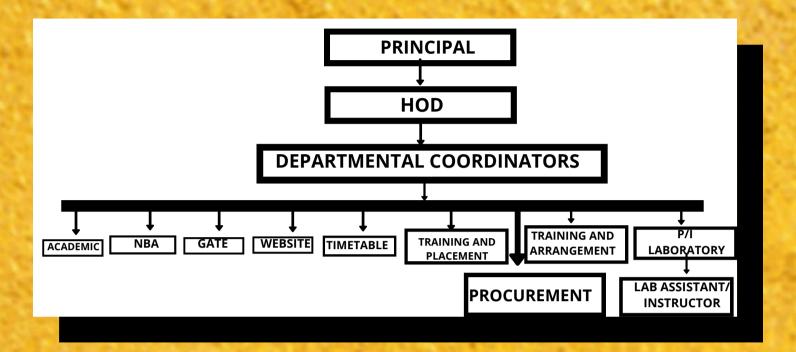
Stage 2: Benchmarking of defined PEOs was done.

Stage 3: Feedbacks from the Stakeholders were taken.

Stage 4: Feedbacks from the experts were taken and modifications based upon feedbacks were done.



ORGANIZATIONAL STRUCTURE



DEPARTMENTAL COORDINATORS

ACADEMIC COORDINATOR

Mrs. Arati Kumari

- NBA COORDINATOR Mrs. Arati Kumari
- GATE COORDINATOR
 Mr. Mithilesh Kumar Rai
- WEBSITE COORDINATOR
 Mr. Mithilesh Kumar Rai
- TIMETABLE COORDINATOR

Mr. Mithilesh Kumar Rai

TRAINING AND PLACEMENT COORDINATOR

Mr. Manikant kumar

PROCUREMENT COORDINATOR

Mr. Manikant Kumar

TEOPHI



TEQIP-III

Improving the quality of education in Engineering institutions in

ABOUT TEQIP - III

Technical Education Quality Improvement Program of Government of India (TEQIP), implemented as a World Bank assisted Project to improve the quality of technical education system in the country. MIT, Muzaffarpur has been selected for Technical Education Quality Improvement (TEQIP III) Program.

INTRODUCTION:

The third phase of the project, TEQIP-III is a four year Central Sector Scheme (CSS) of MHRD, Govt. of India, to be started in the year 2017 and will be ended in 2021.

INITIAL PROJECT STRATEGY:

The TEQIP-III project will cover all Government Funded / Aided engineering institutions of the state including Affiliating Technical University of the State, as per the eligibility criteria prescribed in project norms in two rounds of selections i.e. Cycle -1 & Cycle -2. In the project TEQIP-III which is going to be implemented as a Central Sector Scheme (CSS), the total institutional funding will be provided by the Central Government without the inclusion of state share

MUZAFFARPUR INSTITUTE OF TECHNOLOGY, MUZAFFARPUR

DEPARTMENT OF SCIENCE AND TECHNOLOGY GOVT. **OF BIHAR**

MEMBER-BOARD OF GOVERNORS TEQIP-III

NAME AND ADDRESS	<u>DESIGNATION</u>
Sh. Yogendra Prasad, Ex-CMD, NHPC, N. Delhi, Mobile:9810041095 Email ID: yprasad45@gmail.com	Chairman
Prof. (Dr.) J. R. P. Gupta,	
Ex- Professor, University of Delhi, N.Delhi,, Mobile: 9205700167	Member
Sh. Atul Kumar Sinha,	
irector, Science and Technology, Govt. of Bihar, Patna, Bihar Government Nominee	Member
Mobile:9473197801	
Shri Bishwajeet Choubey,	
Chief Construction Engineer HQ (Infra),	

Member

Directorate of Civil Works and Estate,

HQ DRDO, Rajaji Marg, Delhi-110011 Principal's Nominee Mobile:9873339366

Dr. Manoj Tiwari,
Regional officer and Assistant Director,
North Regional office,
Kanpur, Govt. Polytechnic
Campus Adjoining Directorate of Tech.
Education Office Vikas
Nagar, Zoo Road,
Kanpur-208024, Telephone: 0512-258501 2, 258501 4
AICTE Nominee

Dr. Rajiv Kumar Registrar, AKU, Patna , University Nominee, Mobile:9905034322

Dr. S. K. Jha, HOD (Applied Science & Humanities)

MIT Muzaffarpur,

Principal's Nominee,

Mobile:9470230239

Email ID: skjha@mitmuzaffarpur.org

Dr. Vikash Kumar, HOD (ME), MIT Muzaffarpur,
Principal's Nominee,
Mobile:9931839003
Email ID: vikashkumar@mitmuzaffarpur.org

Director, NIT Patna, Mentor Special Invitee SPA, SPIU, Patna Special Invitee Nodal Officer(Finance) SPIU, Patna Special Invitee Nodal Officer (Academic), SPIU, Patna Special Invitee

Sri Ashish Kumar, Assistant Professor (Civil),
MIT Muzaffarpur, TEQIP-III

Prof. (Dr.) J.N.Jha, Principal, MIT, Muzaffarpur Member

Member

Member

Member

Co-ordinator

Member Secretary General

FACULTY MEMBERS



Mr. S. K. Choudhary

HOD, Leather Technology



<u>Arti Kumari</u> Assistant Professor



Mr. Manikant Kumar

Assistant Professor



Mithilesh Kr. Rai Assistant Professor

Many laboratories have been established with the help of TEQIP - III. Labs established in the Deparmtent of Information Technology are listed here: -





ANALYTICAL CHEMISTRY LAB

TANNERY LAB



PRINCIPAL OF MATERIAL TESTING LAB









TECHINITI

presents

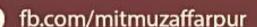
WORKSHOP ON FOOTWEAR DESIGN

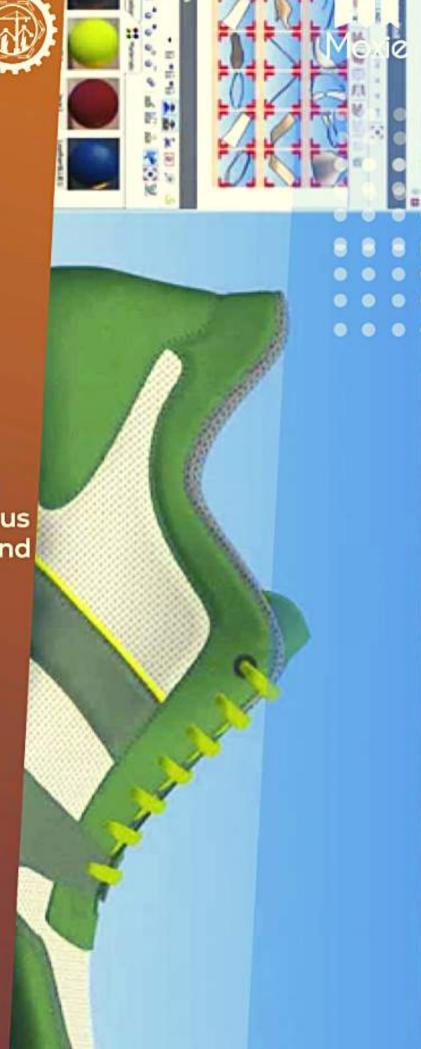
Computer Aided Designing has been making tremendous impact both in the design and manufacture of footwear. Join our 3-Days workshop to explore more. Register Now: techmiti.org

24-26 February

🡤 MIT Campus Muzaffarpur Institute of Technology, Muzaffarpur





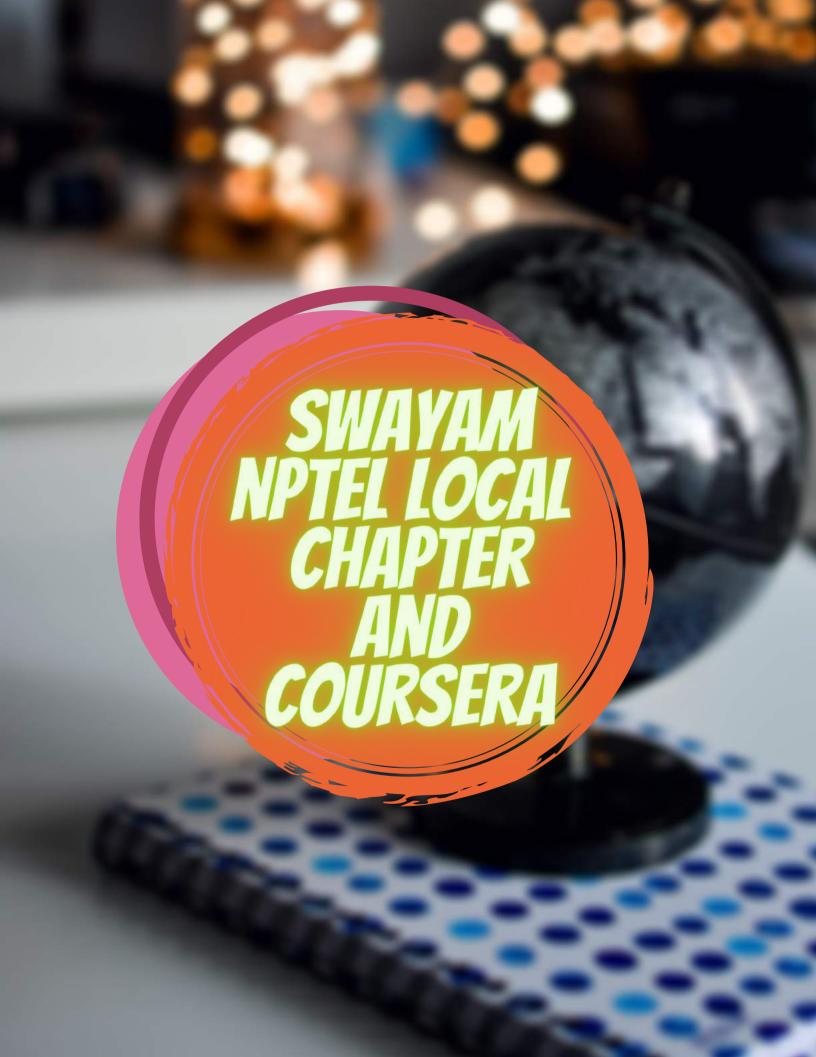


A TEQIP-III sponsored workshop was organized on "FOOTWEAR DESIGN" by department of Leather Technology in association with Moxie-Technical Club, N Muzaffarpur, from 24th february to 26th february 2019. The workshop was inaugura Dr. J.N. Jha, Principal, Prof. S.K Chaudhary, Head of Department -Leather Technolog Mr. Vijay Kumar, Head of Department - Information Technology and Mr. Manikant Kumar, Assist. Prof., Leather Technology, MIT Muzaffarpur. The resource person of the workshop was Mr. Ashish Kumar, Assist. Prof., Dept. of Information Technology and Dr. Akash Priyadarshee, Assist. Prof., Dept. of Civil Engineering. Special session was delivered by Mr. Mohit Kumar, Ass, Dept. of ECE, Mr. Ankit Kumar Singh, Assist. Prof., Dept. of EE, Mr. Santosh Kumar, Assist. Prof., Dept. of ME, Mr. Niraj Kumar, Assist. Prof., Dept. of CE and Mr. Vijay Kumar, Assist. Prof., Dept. of CE, MIT Muzaffarpur. Student coordinators and volunteers were from of Dept. of LT & Moxie-Technical Club. The objective of course was to increase awareness among the participant about the technological development related to Footwear Designing In the workshop total 35 participants including faculties and seven female participants have were present from the different departments

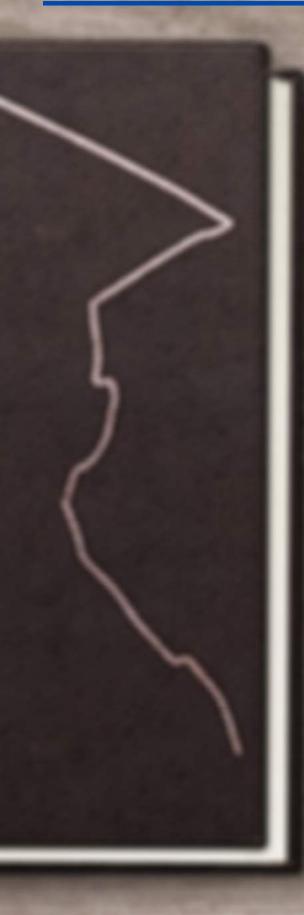


Workshop Instructor: - Mr. Arun Kumar (Appsom Pvt.Ltd)





NPTEL-SWAYAM PERFORMANCE



The National Programme on **Technology Enhanced Learning** (NPTEL) was initiated by seven **Indian Institutes of Technology** (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003.It is essentially an asynchronous platform and a process for teaching through prerecorded lectures, resource video materials, lecture notes, assignments and quizzes, which are usually online and provide self assessment in regular intervals during learning. The objective of enabling students obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education programme. Following these online courses, an in-person, proctored certification exam will be conducted and a certificate is provided through the participating institutions and industry, when applicable



NPTEL-AICTE Faculty Development Programme



(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

MANIKANT KUMAR

for successfully completing the course

Electronic Waste Management - Issues and Challenges

with a consolidated score of 88 %

Prof. Andrew Thangaraj NPTEL Coordinator IIT Medras

(Jan-Feb 2020)

Prof. Dileep N. Malkhede or-I (Research, Institute & Faculty Develo All India Council for Technical Education

Roll No: NPTEL20CE12S11990052

To validate and check scores: http://nptel.ac.in/noc



NPTEL Online Certification



This certificate is awarded to

RAVI RAJ

for passing the course

Introduction to Fluid Mechanics

with Score* 82 %



Jan-Apr 2020

Prof. Adrijit Goswami minuing Education & NPTEL Co.



*Continuous online assessment score

To validate and check scores: https://nptel.ac.in/ne





NPTEL Online Certification

This certificate is awarded to PRINCE KUMAR

for passing the course

Introduction to Fluid Mechanics

with Score* 76 %



Jan-Apr 2020



Continuous online assessment score

To validate and check scores: https://nptel.ac



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



HARSH RAJ

for passing the course

Introduction to Fluid Mechanics

with Score* 70 %



Jan-Apr 2020



swavam



Indian Institute of Technology Kharagpur

*Continuous online assessment score

To validate and check scores: https://nptel.ac.in



NPTEL Online Certification

This certificate is awarded to

VINAY KUMAR SINGH

for passing the course

Introduction to Fluid Mechanics

with Score* 79 %



Jan-Apr 2020 (12 week course)



Indian Institute of Technology Kharagpur

swayam

*Continuous online assessment score

To validate and check scores: https://notel.ac.in/



Indian Institute of Technology Kharagpur

COURSERA

Coursera is an online education provider that offers online courses, popularly known as MOOCs or Massive Open Online Courses, from top universities around the world. Currently it has over 200 partners from 48 countries. These partners include Universities such as Stanford, Duke, Penn, Princeton, Michigan, Peking, and HEC Paris. Coursera has also started partnering with companies like IBM, Google, and PwC — these companies are also launching courses on Coursera.











10 days webinar on dimension, Procost and GDM software by APSOM

10-days webinar on dimension, Procost and GDM software was conducted by APSOM in the month of June 2020 for the students of leather Technology in wMIT. In the session, students were benefited by the detailed knowledge of 2D and 3D designing starting from the tracing section to the cutting section. There was a small session of Procost and GDM which was added in the session to give the brief knowledge to the students about these software too. In this webinar, the lecturers also joined the session guide the students about the job in industry of footwear and leather, about start-ups as well as research in the field of leather industry. The workshop was by conducted by Trainer, Mr. Arun Kumar, Technical Sales Creative, APSOM Infotex Ltd. & Trainer Mr. Amit Sinha, Territory Sales Manager, Apsom Infotex Ltd., coordinated by Mr. Manikant Kumar, assistant professor, Leather Technology and monitored by Mr. Sanjay Kumar, HOD, Leather Technology







WEBINAR

ne Day Online Webinar

on

"Significant Check points in ufacturing high Veg Belting Nubuck leathers from Indian Buffalo" (27th August, 2020, 6:00 PM)

Organized by



Department of Leather Technology, Muzaffarpur Institute of Technology, Muzaffarpur BIHAR-842003

Sponsored by



Convenor

Mr. Sanjay Kumar Choudhary ssistant Professor, Dept. of Leather Technology, MIT Muzaffarpur

PATRON-IN CHIEF



Dr. J. N. Jha Principal, MIT Muzaffarpur

PATRON



Mr. Sanjay Kumar Choudhary HOD, LT, MIT Muzaffarpur

CO-PATRON



Mr. Ashish Kumar TEQIP – III, Co-Ordinator

ORGANIZING COMMITTEE

Resource person



Mr. Sudharshan Kumar Mishra

(Ex-MITan)
DGM-Technical & Product Development
C & E Limited Kanpur India

Co-ordinator



Mrs. Arti Kumari

Asst. Professor Leather Technology MIT MUZAFFARPUR



Mr. Manikant Kumar

Asst. Professor Leather Technology MIT MUZAFFARPUR



Mr. Mithilesh Kr. Ra

Asst. Professor Leather Technology, MIT MUZAFFARPUR

ABOUT MIT MUZAFFARPUI



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ABOUT THE DEPARTMENT

MIT Muzaffarpur is the only institute in Bihar to have the leather technology program. This idea was conceived by Dr. A. R. Swaminathan, managing director, Bihar State Leather Industries Development Corporation and was given final shape in 1986. This department gives an opportunity to the engineering students to pursue a career in one of the rapidly developing Leather industries of today.

ABOUT ONLINE WEBINAR

By paying due attention to the significant check points, a comprehensive and infallible process can be methodically designed to attain the magnificent standards in a sturdy and determined way.

This study is based on Indian buffalo which are ideal for tough inter fibrillary structure, uniform requisite thickness and sizeable area.

OBJECTIVES

- Nubuck leathers from indian buffalo
- Utilization of a large raw material base as Buffalo Census

REGISTRATION DETAILS

No registration fee

Use the below registration link https://forms.gle/kijng5t3egSiaSpM7

Date of registration: 27.08.2020

IMPORTANT

- Webinar session/meeting link will be circulated to all registered participants one day before the program.
- Printed certificates/E-certificates will be awarded to all the active attendees.

ELIGIBILITY CRITERIA:

Participation in this Webinar is faculty member and students of Leather Technology Deapartment MIT Muzaffarpur.

Contacts Person

Mr. Mithilesh Kr. Rai Phone Number: 9451715636 Email Address: mkrai246@gmail.com



UDGAM-19

Udgam'20- The 65th Annual Athletics Meet of MIT Muzaffarpur was organised on 27-28th February, 2020. The Inaugural Ceremony took place on 27th February in the presence of Chief Guest Mr Jayant Kant (SSP, Muzaffarpur), J N Jha (Principal, MIT Muzaffarpur), Ankit Kumar, Ravi Kumar, Nidhish Kumar, Santosh Kumar, other faculty members and students.

Under this meet, various games as well athletic events were organised such as Cricket, Badminton, Football, Volleyball, Javelin, Shotput, Long Jump, Triple Jump, Relay Race (4X100), Discuss Throw, etc.











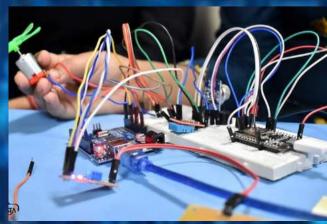


TECHMITI-TECH FEST

Greetings from Moxie- Organizing Committee of TechMITi 2020!
TechMITi is the annual technical-festival of Muzaffarpur Institute of
Technology and we are pleased to announce that it was held on 25th
-26th February, 2020. TechMITi was witness footfalls of nearly 4000+
consisting of enthusiastic students, professionals and teachers from all
the premier colleges of Eastern India. The event was attract curious
minds to participate in 15+ events conducted in this 2-day
extravaganza. Greetings from Moxie- Organizing Committee of
TechMITi 2020! TechMITi is the annual technical-festival of Muzaffarpur
Institute of Technology . TechMITi was witness footfalls of nearly 4000+
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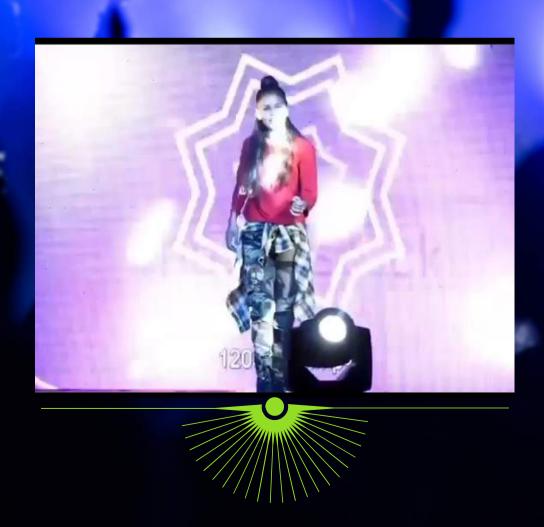






JUNOON ARTS AND CULTURAL CLUB OF M.I.T MUZAFFARPUR ORGANISED AN EVENT ON THE OCCASE ON OF ITS SECOND ANNIVERSARY UNDER THE NAME OF FIESTA'2.0. IT IS A STAGE SET-UP GOR THE ART LOVERS TO SHOW THEIR TALENT. THE LAND OF MUZAFFARPUR WAS ENAMORED IN THE ARTISTIC AND MUSICAL WORLD OF FIESTA'2.0. FIESTA IS NOT ONLY A CELEBRATION BUT AN EMOTION A STAGE OF DREAMS AND ABD A TOOL TO CARV SELF TALENT. VARIOUS COMPONENTS WERE ORGANISED IN THIS FEST IN WHOCH 100 OF STUDENTS PARTICIPATED.

FIESTA ENCOURAGES STIDENTS TO DIG OUT THEIR TALENTS, PASSION AND HAS EMERGED AS A PLATOFRM FOR MANY TO SHOWCASE THEIR ABILITES.



MR. AND MISS FIESTA



RUSHALI RAJ (2K18) RUNNER UP



WINNER OF CAPTURE YOUR CAMPUS



ABHISHEK AMAN (2K17)





Selected For National Exhibition OF AICTE Chhatra Vishwakarma Awards 2019(Finalist) & Got Offer From IIT Roorkee(Research Scholar) to patient our Idea &for further development of the Device.





Mentor:- Prof. Manikant Sir

Name of project :-Cost effective and smart device for predicting best crop and nutrient required for high yield of crop.

AIM OF THE Project:- To create a cost effective ,smart , portable device which will predict the crop which can give maximum yield in that soil and if framer want to grow desired crop , device will suggest organic compound fertiliser also the amount of fertiliser for best yield in given area of field.



<u>ADITYA RAJ</u>



ABHISHEK AMAN

HIEVMENTS IN FERENT FIELDS

SURBHI SAURAV(2K16)*SELECTED IN FDDI

ABHISHEK AMAN(2k17)-

* WINNER-CAPTURE YOUR CAMPUS (ORGANISED BY JUNOON IN FIESTA' 2.0)

RAGINI SWARAJ(2k17)-

* 2nd RUNNER-UP- UDGAM-19 (100m race) * 2nd RUNNER-UP- UDGAM-19 (LONG JUMP)

RUSHALI RAJ(2k18)-

* WINNER- VAN MAHOTSAV PAINTING COMPETITION

(ORGANISED BY JUNOON CLUB)

* 1st RUNNER UP- PAINTING COMPETITION

(ORGANISED BY MOXIE CLUB ON SCIENCE DAY)

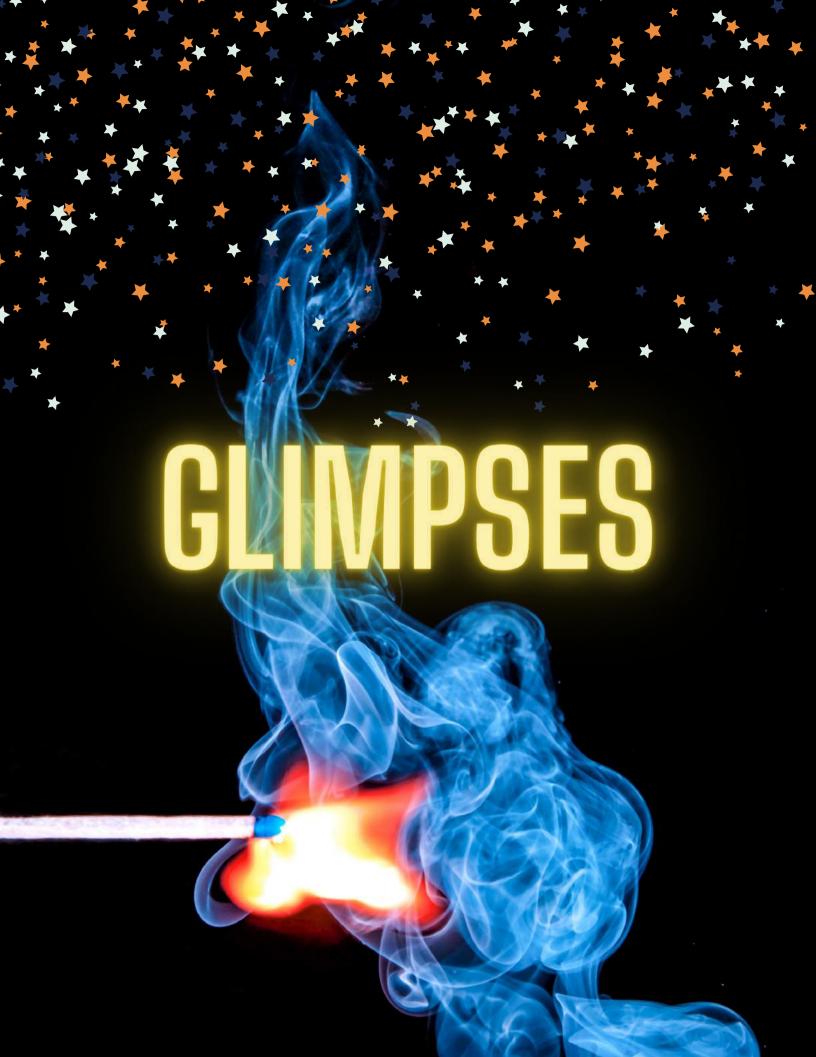
* WINNER- INTER VOLEYBALL COLLEGE TOURNAMENT

* 1st RUNNER UP- MISS FIESTA IN FIESTA'19

(ORGANISED BY JUNOON CLUB)

* 1st RUNNER-UP- UDGAM-19 (JAVELIN)

* 2nd RUNNER-UP- UDGAM-19 (SHOT-PUT)

































NEWSLETTER COMMITTEE



Editor and designer
Mr. Manikant Kumar
Assistant professor
Department of leather technology



Editor **Mithilesh Kr. Rai**

Assistant professor **Department of leather technology**





Student member

Aditya Raj (2K17)

Department of leather technology

Student member

Abhishek Aman (2K17)

Department of leather technology





Designer

Ravi Raj (2K18)

Department of leather technology

Designer **Rushali Raj** (2K18)

Department of leather technology



