VISION & MISSION

VISION

To achieve global standard in quality of education, research & development in Information Technology by adapting to the rapid technological advancemt to empowering the IT-industry with the wings of knowledge and power of innovation though knowledge creation, acquisition and dissemination for the benefit of Society and Humanity.

MISSION

- To produce well-rounded,up to date,scientifically tempered,design oriented engineer and scientists capable of lifelong learning.

- To produce technologically competent and ethically responsible graduates through balanced and dynamic curriculum.

- To develop highly analytical and qualified IT engineers by imparting training on cutting edge technology professional ethics to make the nation as a knowledge power.

- To generate high quality knowledge resource in area of Information Technology and in emerging area to make valuable contribution in IT-Sector for social and economic development of nation.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

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

- **PEO1**: Students will be able to engage in life-long learning and researchincluding supportive and responsible roles on multi-disciplinary tasks.

- **PEO2**: Students will acquire, use and develop skills as required for effective professional and societal practices and leadership quality.

- **PEO3**: Students will be able to create a new dimension of innovation and entrepreneurship

PROGRAMME OUTCOMES (POS)

- **PO1**: Engineering knowledge: An ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to get the solution of the engineering problems.

- **PO2**: Problem analysis:Ability to Identify, formulates, review research literature, and analyze complex engineering problems.

- **PO3**: Design/development of solutions: Ability to design solutions for complex engineering problems by considering social, economical and environmental aspects.

- **PO4**: Conduct investigations of complex problems: Use research-based knowledge to design, conduct analyse experiments to get valid conclusion.

- **PO5**: Modern tool usage: ability to create, select, and apply appropriate techniques, and to model complex engineering activities with an understanding of the limitations.

- **PO6**: The engineer and society: Ability to apply knowledge by considering social health, safety, legal and cultural issues.

- **PO7**: Environment and sustainability Understanding of the impact of the adopted engineering solutions in social and environmental contexts.

- **PO8**: Ethics: Understanding of the ethical issues of the civil engineering and applying ethical principles in engineering practices.

- **PO9**: Individual and teamwork: Ability to work effectively as an individual or in team, as a member or as a leader.

- **PO10**: Communication: An ability to communicate clearly and effectively through different modes of communication.

- **PO11**: Project management and finance: Ability to handle project and to manage finance related issue.

- **PO12**: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

- **PSO1**: Analysis and design of different components of Software and Hardware and it application.

- **PSO2**: Identify and recommend sustainable technologies, materials and practice in different field of IT.

- **PSO3**: Capability of managing resources like: material, manpower and machine to achieve economical construction.

FROM PRINCIPAL'S DESK

Prof(Dr.)Jagadanand 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.

HOD'S MESSAGE

Prof.(Mr.)Vijay Kumar

Welcome to Department of Information Technology, Department of Information Technology was established in year 2001. The Department seeks to combine excellence in education with service to the industry. Our vision is to achieve global standard in quality of education, research & development in Information Technology by adapting to the rapid technological advancement to empowering the IT-industry with the wings of knowledge and power of innovation though knowledge creation.Our goal is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs. In our department students are nurtured to become best IT professionals as Project Managers, System Analysts or Team leaders in Industry or become Entrepreneurs in their own innovative way. We are having hard-working students young and dynamic faculty, whose expertise spans the range of disciplines in IT stream and a very healthy work-culture are the basic elements that comprise the Department of Information Technology. The Department of IT believes in building career, enriching minds and provides a remarkable experience that lasts a life time.

I am confident that the students of the department would justify the credibility of the department by showing a high level of professional competence in their respective field.

EDITORIAL

I take pride in presenting INFOTREE Volume II for year 2019-20.It is an effort to luminaries the indelible events and activities occurred at MIT in the academic year 2019-20. The newsletter foregrounds the achievements of our faculty members,staffs and students in academic year 2019-20.The editorial board shows its gratitude to all those who have helped MIT to achieve new mile stone.

On Behalf of the editorial team,we thank our Hon'ble Principal,Prof. (Dr.)Jagadanand Jha,faculty members,staffs and students for their support in bringing out this newsletter.

We sincerely hope this edition will be an interesting read.We would be happy to receive constructive criticism to improve the quality of the newsletter.

Mr. Ashish Kumar

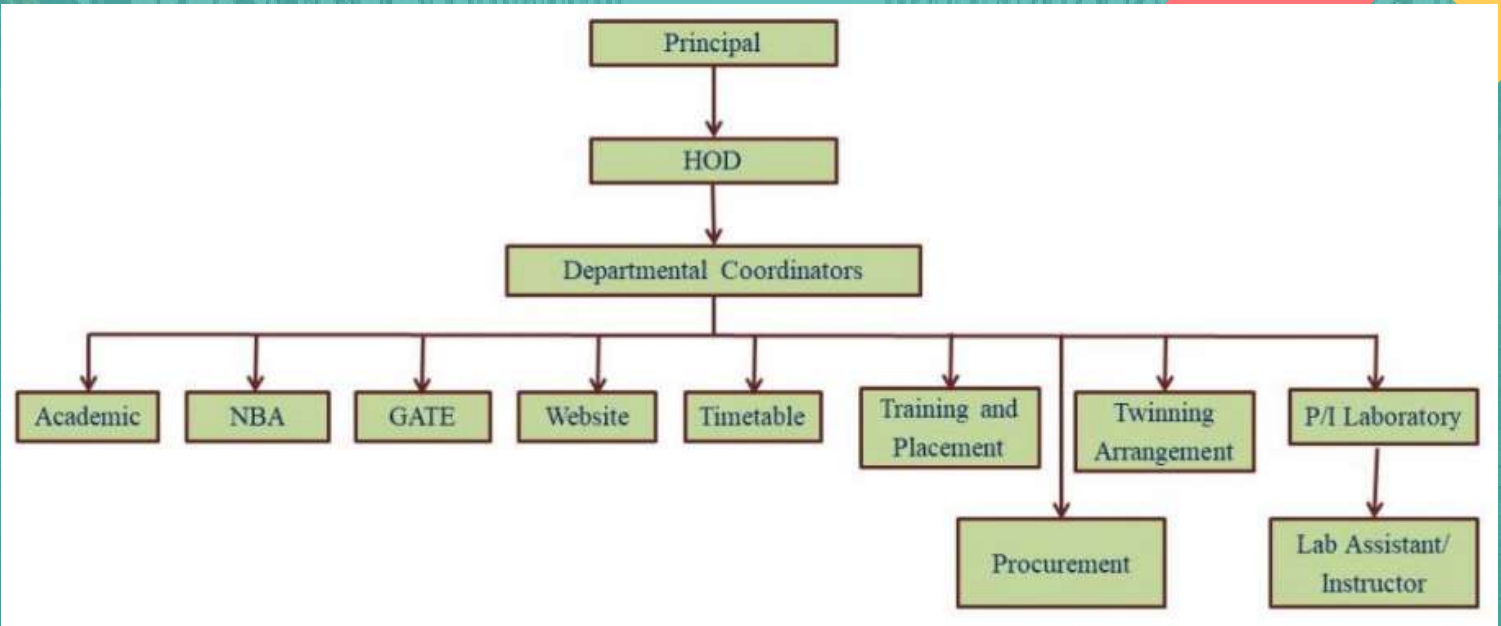# INDEX

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 ।। सर्वोपरि कर्म।। 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.

ORGANIZATIONAL STRUCTURE

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                        ┌─────────────┐
                        │  Principal  │
                        └──────┬──────┘
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                        ┌─────────────┐
                        │     HOD     │
                        └──────┬──────┘
                               ↓
                    ┌─────────────────────────┐
                    │ Departmental Coordinators│
                    └─────────────────────────┘
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| Academic | NBA | GATE | Website | Timetable | Training and Placement | Twinning Arrangement | P/I Laboratory |

Procurement — Lab Assistant/ Instructor

DEPARTMENTAL COORDINATORS

ACADEMIC COORDINATOR
- MRS. SHWETA KUMARI, ASSISTANT PROFESSOR

NBA COORDINATOR
- MR. VIJAY KUMAR, ASSISTANT PROFESSOR
- MR. ASHISH KUMAR (NBA FACILITATOR), ASSISTANT PROFESSOR

GATE COORDINATOR
- MR. ASHISH KUMAR, ASSISTANT PROFESSOR

WEBSITE COORDINATOR
- MR. VIJAY KUMAR, ASSISTANT PROFESSOR
- MR. ASHISH KUMAR, ASSISTANT PROFESSOR

TIMETABLE COORDINATOR
- MR. ASHISH KUMAR, ASSISTANT PROFESSOR

TRAINING AND PLACEMENT
- MR. VIJAY KUMAR, ASSISTANT PROFESSOR

PROCUREMENT COORDINATOR
- MR. VIJAY KUMAR, ASSISTANT PROFESSOR
- MR. ASHISH KUMAR, ASSISTANT PROFESSOR

TWINNING ARRANGEMENT
- MR. VIJAY KUMAR, ASSISTANT PROFESSOR

FACULTY OF IT

- ## MR.VIJAY KUMAR
(Assistant Professor & Head of Department of Information Technology)

- ## MR.ASHISH KUMAR
(Assistant Professor of Department of Information Technology)

- ## MS.SHWETA KUMARI
(Assistant Professor of Department of Information Technology)

- ## MR.SANTOSH KUMAR RAI
(Assistant Professor of Department of Information Technology)

- ## MR.ABHISHEK KUMAR
(Assistant Professor of Department of Information Technology)

- ## MR.SAVYA SACHI
(Assistant Professor of Department of Information Technology)

- ## MR.RAKESH RANJAN
(Assistant Professor of Department of Information Technology)

- ## MR.SUMIT SINGH
(Assistant Professor of Department of Information Technology)

Muzaffarpur Institute of Technology
www.mitmuzaffarpur.org

STAFF OF IT

S.NO	NAME OF STAFF	DESIGNATION	QUALIFICATION
1.	Mr.Vikramaditya Rajdeep	Lab Assistant	B.Tech
2.	Mr.Rajesh Kumar	Lab Assistant	B.Tech
3.	Mr.Vinod Kumar	Daftari	Graduate

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III

TECHNICAL

EDUCATION

QUALITY

IMPROVEMENT

PROGRAM

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)

S.NO	NAME AND ADDRESS	DESIGNATION
1.	Sh.Yogendra Prasad Ex-CMD, NHPC, New Delhi. Mobile:9810041095 Email ID: yprasad45@gmail.com	Chairman
2.	Prof. (Dr.) J. R. P. Gupta Ex- Professor, University of Delhi, New Delhi. Mobile: 9205700167	Member
3.	Sh.Atul Kumar Sinha Director, Science and Technology, Govt. of Bihar,Patna. Bihar Government Nominee Mobile:9473197801	Member

4. **Shri Bishwajeet Choubey**   Member
Chief Construction Engineer HQ
(Infra), Directorate of Civil Works and
Estate, HQ DRDO, Rajaji Marg,
Delhi-110011
Principal's Nominee
Mobile:9873339366

5. **Dr.Manoj Tiwari**   Member
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

6.	Dr.Rajiv Kumar Registrar, AKU, Patna , University Nominee Mobile:9905034322	Member
7.	Dr. S. K. Jha HOD (Applied Science & Humanities) MIT Muzaffarpur Principal's Nominee, Mobile:9470230239 Email ID: skjha@mitmuzaffarpur.org	Member
8.	Dr.Vikash Kumar HOD (ME), MIT Muzaffarpur, Principal's Nominee, Mobile:9931839003 Email ID: vikashkumar@mitmuzaffarpur.org	Member
9.	Director, NIT Patna, Mentor	Special Invitee

10.	SPA, SPIU, Patna	Special Invitee
11.	Nodal Officer(Finance) SPIU, Patna	Special Invitee
12.	Nodal Officer (Academic), SPIU, Patna	Special Invitee
13.	Sri Ashish Kumar Assistant Professor (Civil), MIT Muzaffarpur	TEQIP-III Co-ordinator
14.	Prof. (Dr.) J.N.Jha Principal, MIT, Muzaffarpur	Member Secretary

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

1. IT Lab – I

2. IT Lab – II

LAB I

LAB II

IT
IN
NEWS

एमआईटी के छात्र एनआईटी पटना के साथ बनाएंगे प्रोजेक्ट

फैसला

मुजफ्फरपुर | वरीय संवाददाता

एमआईटी के छात्र एनआईटी पटना के साथ मिलकर फाइनल ईयर के प्रोजेक्ट तैयार करेंगे। इसमें कार्यशाला के साथ पढ़ाई की गुणवत्ता को बेहतर करने के लिए ट्रेनिंग दी जाएगी। साथ ही अन्य गतिविधियों में शामिल कराई जाएंगी। एमआईटी में सोमवार को टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 (टीईक्यूआईपी) की छठी बोर्ड ऑफ गवर्नेंस की बैठक में कई फैसले लिए गये।

बैठक
- टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 की बैठक
- पढ़ाई की गुणवत्ता बेहतर करने के लिए दी जाएगी ट्रेनिंग

एनआईटी की ओर से एमआईटी के छात्रों के सहयोग की बात कही गई है। सभी कक्षाओं में स्मार्ट क्लासरूम की व्यवस्था की गई है। सभी विभागों को प्रोजेक्टर दिया गया है। एमआईटी की प्रयोगशाला में पुराने उपकरण को हटाकर नये उपकरण में लगाया जाएगा। कॉलेज में गेट कोचिंग को और बेहतर करने पर जोर दिया गया।

कैंपस प्लेसमेंट के लिए कई कंपनियां आएंगी

कैंपस में बेहतर प्लेसमेंट के लिए आने वाले दिनों में कई कंपनियों को बुलाने पर भी सहमति बनी। इस बात पर जोर दिया गया कि बेहतर कंपनियों में छात्रों का कैंपस सेलेक्शन हो। पिछले साल ही एमआईटी के छात्रों का कैंपस सेलेक्शन हुआ है। एमआईटी का स्ट्रक्चर से मूल्यांकन के लिए जून तक आवेदन करेंगे। मौके पर एमआईटी के प्राचार्य डॉ. जेएन झा, एनआईटीपीसी के पूर्व निदेशक विनोद प्रसाद, एनआईटी के निदेशक डॉ. पीके जैन, डॉ. एमपी सिंह, डॉ. बाई एन शर्मा, डॉ. विकास कुमार, डॉ. एसके झा आदि थे।

सोमवार को एमआईटी में टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 की छठी बोर्ड ऑफ गवर्नेंस की बैठक करते प्राचार्य डॉ. जेएन झा।

डिजिटल दुनिया में हर फील्ड में कंपीटिटिव कोडिंग की जरूरत, अगले 10 साल में 14 लाख जॉब के मौके

एजुकेशन रिपोर्टर। मुजफ्फरपुर

एमआईटी के आईटी विभाग के प्रोफेसर आशीष कुमार ने कहा कि डिजिटल युग में कंपीटिटिव कोडिंग के फायदे हर फील्ड में हैं। किसी भी तरह की वेबसाइट, स्मार्टफोन, एप, कंप्यूटर प्रोग्राम, कैलकुलेटर, सॉफ्टवेयर में इसकी जरूरत होती है। ऐसे में छात्र इसे सीखकर अपने लिए रोजगार के नए अवसर पैदा कर पाएंगे। देश की टॉप कंपनियों में होने वाली नियुक्तियों में कंपीटिटिव कोडिंग की कला में दक्ष आवेदक को प्राथमिकता दी जाती है। वे गुरुवार को एमआईटी के... में आयोजित वर्कशॉप में बोल रहे थे। उन्होंने कहा कि आज के दौर में जिस गति से सूचनाओं का आदान-प्रदान हो रहा है। ऐसे में रफ्तार के साथ इसके सुदृढ़ बनाने के लिए कंपीटिटिव कोडिंग बहुत ही जरूरी है। इससे यह भी पता चलता है कि पूरी दुनिया में उसकी सूचनाओं की पहुंच कहां तक है। इससे जुड़कर छात्र स्किल डेवलपमेंट के साथ पर बैठे रोजगार हासिल कर पैसे कमा सकते हैं। कार्यक्रम का आयोजन मॉक्सी टेक्निकल क्लब की ओर से किया गया। आने वाले 10 वर्षों में 14 लाख से अधिक नौकरी के अवसर कंप्यूटर साइंस में पैदा होंगे। इसमें कोडिंग के जानकारों के लिए बेहतर मौके होंगे। कार्यक्रम के आयोजन में अभिषेक गोस्वामी, राहुल राज... विक्रम, सुरुचि उपाध्याय, संदीप राहुल, संदीप, हिमांशु, प्रणय व आयुष्मान ने अहम भूमिका निभाई।

वर्कशॉप में कंपीटिटिव कोडिंग के रोजगार के अवसर पर अपनी बात रखते वक्ता।

एमआईटी के 24 छात्रों ने दिए स्टार्ट अप के लिए आइडिया
ग्रैंड फिनाले 18 को, विजेता को दिए जाएंगे दस लाख रुपए

एजुकेशन रिपोर्टर। मुजफ्फरपुर

एमआईटी के 24 छात्रों ने स्टार्ट अप के लिए आइडिया दिया है। सम्मेलन के विभिन्न सत्रों के छात्रों ने कृषि, ट्रैफिक, मोबाइल कंप्यूटिंग समेत अन्य विषयों पर अपने आइडिया शेयर किए हैं। सोमवार को संस्थान में इसको लेकर वर्कशॉप का आयोजन किया गया था। इसमें विशेषज्ञों और शिक्षकों की ओर से बेहद मददगार के बारे में जानकारी दी गई। कहा गया है कि पूरे बिहार में स्टार्ट अप व्यवस्था सूखे से चल रही है। इसके के तहत सूखे से व इंजीनियरिंग कॉलेजों में कैंप लगाकर वर्कशॉप का आयोजन किया जा रहा है। सभी चुने गए आइडिया के बाद 18 दिसंबर को आईआईटी पटना में ग्रैंड फिनाले का आयोजन होगा। इसमें विजेता टीम को 10 लाख रुपये का पुरस्कार मिलेगा। कार्यक्रम के संयोजन में डॉ. मोहित कुमार, मो. इरशाद आलम, डॉ. सुमंत मिश्रा, डॉ. नयन कुमार ने अहम भूमिका निभाई।

कृषि, ट्रैफिक, मोबाइल कंप्यूटिंग समेत अन्य विषयों पर स्टूडेंट्स ने दी अपनी जानकारी

एमआईटी में आयोजित वर्कशॉप में प्रभागीय और स्टूडेंट्स।

इन छात्रों ने दिया अपना आइडिया : अभयानन्द, आदित्येश राज, सत्यम कुमार, संदीप कुमार, सौ राज, रौनक कुमार, नितीश श्रीवास्तव, रवि कुमार मिश्र, सौरभ कुमार, ... राघवेंद्र प्रसाद, ... कुमार सिंह, अभिनंदन कुमार, प्रहलाद मिश्र, अमन कुमार, ... कुमार सिंह, आयुष राज, सौरभ कुमार, अविनाश कुमार सिंह, केशरी झा, राहुल कुमार रौशन और रूपम कुमार।

इंजीनियरिंग के छात्रों के लिए गेट ही नहीं, कैट भी बेहतर विकल्प : मृणाल

मुजफ्फरपुर | स्विट्जरलैंड के यूनिवर्सिटी ऑफ जूरिख से फाइनांस में पीएचडी कर रहे मृणाल मिश्रा ने कहा कि इंजीनियरिंग की पढ़ाई कर चुके या कर रहे छात्रों के लिए बस केवल गेट ही अंतिम विकल्प नहीं है। इसके अलावा वे कैट की तैयारी पर भी फोकस कर सकते हैं। गेट की तैयारी स्टूडेंट्स केवल रोजगार के लिए नहीं बल्कि एकेडमिक के लिए कर सकते हैं। गेट के लिए ज्यादा पढ़ाई कीजरूरत नहीं है। इसके लिए स्थिर और फोकस होकर पढ़ाई करने की जरूरत है। कहा कि वैसे छात्र जो अंग्रेजी में थोड़े सहज नहीं हैं, वे मॉक टेस्ट से इसका अभ्यास कर सकते हैं। कभी भी स्टार्टअप अकेले नहीं करना चाहिए। वहीं बीटेक की पढ़ाई समाप्त करके तुरत बाद ही इसे शुरू नहीं किया जाना चाहिए। कार्यक्रम के आयोजन में अभिषेक गोस्वामी, सुरुचि उपाध्याय, राहुल राज, आयुष्मान, प्रणय मिश्रा, हिमांशु राज का योगदान रहा। मंच संचालन सृष्टि स्नेहा ने किया।

ACADEMIC ACTIVITIES

1.Workshop on "Syllabus & Curriculum Review of Computer Science and Information Technology (AKU, Patna)"

Department of Information Technology,MIT Muzaffarpur in association with the Department of Computer Science,NCE Chandi organized a workshop on the syllabus and curriculum review of CSE & IT on 25th August 2018.The workshop was inaugurated by Prof. (Dr.)JagadaNand Jha(Principal MIT Muzaffarpur),Sri Niraj Kumar(Associate Professor, NCE Chandi),Dr. Y N Sharma(TEQIP-III Coordinator), Mr. Vijay Kumar(Head of Dept. IT) & Mrs. Kumari Priyanka Sinha(Asst. Prof. Dept. of CSE,NCE Chandi).

Faculties from various colleges and student of IT, MIT Muzaffarpur were present in this workshop.

2.Final Year [Batch 2015-2019] Project Work with NIT Patna

Students of MIT Muzaffarpur got opportunity to do final year project work with NIT Patna under twinning program wherein all students for Information Technology students and 10 students of each branch completed their project work.

एमआईटी के छात्र एनआईटी पटना के साथ बनाएंगे प्रोजेक्ट

फैसला

मुजफ्फरपुर | वरीय संवाददाता

एमआईटी के छात्र एनआईटी पटना के साथ मिलकर फाइनल ईयर के प्रोजेक्ट तैयार करेंगे। इसमें कार्यशाला के साथ पढ़ाई की गुणवत्ता को बेहतर करने के लिए ट्रेनिंग दी जाएगी। साथ ही अन्य गतिविधियां भी शामिल कराई जाएंगी। एमआईटी में सोमवार को टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 (टीईक्यूआईपी) की छठी बोर्ड ऑफ गवर्नेंस की बैठक में कई फैसले लिए गये।

बैठक

● टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 की बैठक
● पढ़ाई की गुणवत्ता बेहतर करने के लिए दी जाएगी ट्रेनिंग

एनआईटी की ओर से एमआईटी के छात्रों के सहयोग की बात कही गई है। सभी कक्षाओं में स्मार्ट क्लासरूम की व्यवस्था की गई है। सभी विभागों को प्रोजेक्टर दिया गया है। एमआईटी की प्रयोगशाला में पुराने उपकरण को हटाकर नये उपकरण को लगाया जाएगा। कॉलेज में गेट कोचिंग को और बेहतर करने पर जोर दिया गया।

कैंपस प्लेसमेंट के लिए कई कंपनियां आएंगी

कैंपस में बेहतर प्लेसमेंट के लिए आने वाले दिनों में कई कंपनियों को बुलाने पर भी सहमति बनी। इस बात पर जोर दिया गया कि बेहतर कंपनियों में छात्रों का कैंपस सेलेक्शन हो। पिछले सप्ताह ही एमआईटी के छात्रों का कैंपस सेलेक्शन हुआ है। एमआईटी का एन्कौर से मूल्यांकन के लिए जून तक आवेदन करेंगे। मौके पर एमआईटी के प्राचार्य डॉ. जेएन झा, एनएचपीसी के पूर्व निदेशक योगेंद्र प्रसाद, एनआईटी के निदेशक डॉ. पीके जैन, डॉ. एमपी सिंह, डॉ. वाई एन शर्मा, डॉ. विकास कुमार, डॉ. एसके झा आदि थे।

सोमवार को एमआईटी में टेक्निकल एजुकेशन क्वालिटी इंप्रूवमेंट प्रोग्राम-3 की छठी बोर्ड ऑफ गवर्नेंस की बैठक करते प्राचार्य डॉ. जेएन झा।

3.Workshop on
NBA Awareness and Filling of SAR

MIT Muzaffarpur have organized a two days' workshop on the 'NBA awareness and Filling of SAR' at Hotel Chanakya,Patna on 26 and 27th November.In this workshop all the Principals and faculties of all the Engineering colleges of Bihar state was invited.Workshop was inaugurated by the Mrs. Harjot Kaur Bamhrah(Principal Secretary, DST Bihar) and Mr. Atul Sinha(Director,DST Bihar) in presence of principals and faculties of the different engineering colleges.

Dr. J. N. Jha,Principal(MIT Muzaffarpur) was the expert of the workshop and he has given lecture on the importance of NBA accreditation and about its process.

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4.Internship on Internshala

Internshala is an online portal which provides internship opportunities to students from Universities/Institutes. It has been dully approved by AICTE for providing internships. MIT Muzaffarpur registered itself to provide internship to its students through Internshala in 2018. Total of 87 internship opportunities have been grabbed by students of MIT Muzaffarpur till June 2019. The institute ranked one in Bihar, 10th in East Zone and 91st countrywide, grabbing 29 internships for Internship Day.

GATE RECORDS

GATE RESULT OF BATCH 2014-2018

S.NO	NAME OF CANDIDATE	BRANCH	GENDER	GATE REGISTRATION NO	GATE SCORE
1.	YASHMEET	IT	MALE	CS18S34028063	406
2.	SAKSHI SHREE	IT	FEMALE	CS18S34028212	525
3.	AMIT KUMAR	IT	MALE	CS18S34019587	497
4.	TRISHA KUMARI	IT	FEMALE	CS18S34028264	429
5.	MOHAMMAD MAKSOOD AKHTER	IT	MALE	CS18S34019645.	390
6.	NISCHAY RANJAN	IT	MALE	CS18S34028171	362
7.	ANKIT ROY	IT	MALE	CS18S34028086	342
8.	RAVI SHANKAR MEHTA	IT	MALE	CS18S34028001	334

TRAINING & PLACEMENT

INDUSTRIAL VISIT & TRAINING PROGRAMME FOR STUDENTS

DEPARTMENT	NO. OF STUDENTS VISITED	PROGRAMME NAME	PLACE	DATE OF VISIT	ACCOMPANY FACULTY MEMBERS
IT,ECE & EE	15	IEEE CSIS-2018	BODH GAYA	16.03.2018	Prof.Faiz Ahmad Prof.Shahzad Ahsan
				18.03.2018	Prof.Abhishek Kumar

PLACEMENT RECORDS

2015-2019 BATCH, PLACEMENT STATUS

1. PIE INFOCOMM

S.NO	NAME	PACKAGE(LPA)
1.	ABHISHEK GOSWAMI	3.2
2.	SURUCHI UPADHYAY	3.2
3.	MD.FIRDAUS	3.2
4.	SHALU SINHA	3.2
5.	AMIT KUMAR	3.2

2.HCL

S.NO	NAME	PACKAGE(LPA)
1.	RAHUL KUMAR RAJ	3

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3.TCS

S.NO	NAME	PACKAGE(LPA)
1.	ABHISHEK GOSWAMI	3.3

4.TRINITY GLOBAL TECH

S.NO	NAME	PACKAGE(LPA)
1.	SURUCHI UPADHYAY	2.53

SWAYAM-NPTEL LOCAL CHAPTER

SWAYAM-NPTEL LOCAL CHAPTER

- The institute became local chapter of SWAYAM-NPTEL in December 2018.

- Web Link to NPTEL Local Chapter Page: https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=2392

- Web Link to the NPTEL Page on Institute website: - https://www.mitmuzaffarpur.org/nptel/about-nptel/

- Horizon of education is endless. The more we explore, the more we feel urge to explore. NPTEL provides us with an opportunity to explore the endless horizon of learning. MIT Muzaffarpur became NPTEL Local Chapter in December 2018. The College Code ID is 2392.

- The SPoC of SWAYAM-NPTEL Local Chapter is Mr. Ashish Kumar(Assistant Professor, Dept. of Information Technology).

- Mr. Ashish Kumar(Assistant Professor, Dept. of Information Technology)got certificate of Top Performing Mentor for mentoring "Problem Solving Through Programming in C"

RESULT OF SWAYAM-NPTEL SESSION JULY-DECEMBER 2018

LIST OF FACULTIES WHO COMPLETED ONE/MULTIPLE COURSE(S) ON NPTEL

S. No.	Name	Department	Course Name
1.	Mr. ASHISH KUMAR	IT	• Introduction to Programming in C. • Cloud Computing & Computing Systems.
2.	Mr. SANTOSH KUMAR RAI	IT	• Data Base Management Systems.

LIST OF STUDENTS WHO COMPLETED ONE/MULTIPLE COURSE(S) ON NPTEL

S. No.	Name	Department	Course Name
1.	ANSHULI KUMARI	IT	• Programming, Data Structures and Algorithms Using Python.
2.	AYUSHMAN	IT	• Introduction to Programming in C.
3.	SHAGUFTA SHAHEEN	IT	• Problem Solving Through Programming in C.
4.	PRATYASHA SHREE	IT	• Introduction to Programming in C.

RESEARCH & DEVELOPMENT

SPONSORED RESEARCH

S.NO	NAME OF PI/CO-PI	NAME OF THE PROJECT	SPONSORED UNIT	PROJECT BUDGET (APPROX. IN RS.)
1.	Mr. Ashish Kumar	Speech Sounds of Maithili and English: Challenges and Solutions	AICTE **Collaborative Research Scheme (CRS)** Under TEQIP **Total – Rs. 7,71,000 (Seven Lakhs Seventy One Thousand Rupees Only)**	7.71 Lakhs

DEVELOPMENT ACTIVITIES

The department has the following software in laboratory which have academic level research facilities apart from undergraduate students.

1.NetSim Academic

2.VersionOracle 10G

TECHNICAL ACTIVITIES

1.ORIENTATION PROGRAMME & DIAGNOSTIC TEST

One day orientation programme & diagnostic test was organised by department of Humanities in association with Cambridge Assessment English on 19th March 2018. Mr. Alan Cowell and Mr. Sajan Mathew, the two experts from Cambridge Assessment English had conducted the Orientaion Programme. Dr. Nidhish Kumar Singh, Assistant Professor of English had coordinated the Programme.

The attendees were the students from the Department of Information Technology who gave a diagnostic test to workout their English skills and improve for their betterment.

2.Our E-Waste Our Responsibility –an E-Waste Management Competition

E-Waste Management Competition was organized by Moxie-Technical Club of MIT Muzaffarpur on 12th April 2018 in Super I-Way Lab. There were 50 participants in different team sizes. The Winners were as listed in the table below.

POSITION	TEAM NAME	TEAM MEMBERS
2nd	Sanskar	Rahul Kumar Sinha-17IT07 Utpal Kant-17E11 Aditya Kumar Thakur-17E26
3rd	Team Rio	Nitish Shrivastava-17IT10 Alok Kumar-17IT08 Ankit Jha-17IT01

3.Workshop on "Competitive Coding on Hackerearth"

A workshop on "Competitive Coding on Hackerearth" was organized by Moxie-Technical Club of MIT Muzaffarpur, on 7th June 2018 Delivered by Mr. Ashish Kumar(Assistant Professor, Dept. of Information Technology). In this workshop, participants learnt how to use Hackerearth (Online Portal), where various national and multinational organization host's competitions.

4.Learning to Code I

One day Online Coding Event was organized on 17th June 2018 by Department of Information Technology in association with Moxie-Technical Club, MIT Muzaffarpur. The event was organized by Mr. Ashish Kumar(Assistant Professor, Dept. of Information Technology). There was total 62 participants out of which 24 did well in coding. Web Link to the Event:

www.hackerearth.com/challenges/college/learning-to-code/

5.Learning to Code II

One day Online Coding Event was organized on 8th July 2018 by Department of Information Technology in association with Moxie-Technical Club, MIT Muzaffarpur. The event was organized by Mr. Ashish Kumar(Assistant Professor, Dept. of Information Technology). There was total 29 participants in this event. Web Link to the Event:

https://www.hackerearth.com/challenges/college/learning-to-code-class-ii/

6. Interactive Session by Mr. Mrinal Mishra

An interaction session by Mr. Mrinal Mishra, PhD Research Scholar in Finance from "Swiss finance institute & University of Zurich, Switzerland" was organized by Moxie–Technical Club on 28-7-2018.He has done his B. Tech from IIT Kharagpur & MBA from IIM Indore in finance & strategy and has worked as manager in ICICI Bank. He discussed about the scope of MBA & it's entrance exam.He also suggested students to write management exams for their carrier in administration.

इंजीनियरिंग के छात्रों के लिए गेट ही नहीं, कैट भी बेहतर विकल्प : मृणाल

मुजफ्फरपुर | स्विट्जरलैंड के यूनिवर्सिटी ऑफ जूरिख से फाइनांस में पीएचडी कर रहे मृणाल मिश्रा ने कहा कि इंजीनियरिंग की पढ़ाई कर चुके या कर रहे छात्रों के लिए बस केवल गेट ही अंतिम विकल्प नहीं है। इसके अलावा वे कैट की तैयारी पर भी फोकस कर सकते हैं। गेट की तैयारी स्टूडेंट्स केवल रोजगार के लिए नहीं बल्कि एकेडमिक के लिए कर सकते हैं। गेट के लिए ज्यादा पढ़ाई कीजरूरत नहीं है। इसके लिए स्थिर और फोकस होकर पढ़ाई करने की जरूरत है। कहा कि वैसे छात्र जो अंग्रेजी में थोड़े सहज नहीं हैं, वे मॉक टेस्ट से इसका अभ्यास कर सकते हैं। कभी भी स्टार्टअप अकेले नहीं करना चाहिए। वहीं बीटेक की पढ़ाई समाप्त करके तुरत बाद ही इसे शुरू नहीं किया जाना चाहिए। कार्यक्रम के आयोजन में अभिषेक गोस्वामी, सुरुचि उपाध्याय, राहुल राज, आयुष्मान, प्रणव मिश्रा, हिमांशु राज का योगदान रहा। मंच संचालन सृष्टि स्नेहा ने किया।

7.Seminar on "How to Land To your Dream Internship Through Internshala"

Internships are one of the key activities in improving skills for getting a good placement. A Seminar on How to Land to your dream Internship through Internshala was organized by Internshala Student Partners (ISPs) on 6th October 2018. Students of 2nd year and 3rd year organized this seminar for 1st year and 2nd year students of all departments. They demonstrated all students about how to use Internshala portal and guided about improving various skills for getting good internships. Mr. Vijay Kumar(Head of Department IT), Mr. Manikant Kumar(Professor In-Charge,Super I-Way) and Mr. Ashish Kumar(Assist. Prof., Dept. of IT) shared their experiences and motivated students to take opportunities positively.

8. Startup India Bihar Yatra One Day Bootcamp & Workshop

- In line with the Hon'ble Prime Minister's Startup India's Vision, Startup India Bihar Yatra was organized by Startup India Team in collaborations with Bihar Government on 10th December 2018 in MIT Muzaffarpur. Startup Cell was established with Mr. Mohit Kumar(Assist. Prof., Dept. of Electronics & Communication Engineering) as coordinator of the Cell. In line with the Hon'ble Prime Minister's Startup India's Vision, Startup India Bihar Yatra was organized by Startup India Team in collaborations with Bihar Government on 10th December 2018 at MIT Muzaffarpur. The Yatra were flagged off on 29th November
2018 from Samvad Bhawan, Patna.

- The Chief Guest was Mr. Aakarshan Sethi, Manager, Startup India Yatra and Mr. Amrit Raj, (Successful Entrepreneur, Evening Basket Company). Prof. (Dr.) Jagda Nand Jha(Principal), Dr. Y. N. Sharma(HoD Electrical Engineering & TEQIP-III Coordinator)and Md. Irshad Alam(Assist. Prof., Mechanical Engineering & Coordinator, Startup Cell, MIT Muzaffarpur) was present on this occasion. This event motivated students to think out of the box and come up the with the idea that will solve the problem of thousands of people. There was total 65 participants in this event.

8. Startup India Bihar Yatra One Day Bootcamp & Workshop

- **The events were scheduled to culminate with its grand finale on 19th December 2018. Out of 31 teams who presented their idea on 10th December 2018 at MIT Muzaffarpur. 10 teams were selected for the 3 days acceleration program in Patna and for the grand finale from 17th December 2018 onwards. Finally, these shortlisted ideas will pitch at the Grand Finale. Three team from MIT Muzaffarpur got awarded on 20th December 2018 and one of the team was led by our Information Technology students.**

- **<u>Balancing Spoon:</u>**
Team Leader: Suruchi Upadhyay (15IT25), Dept. of IT
Team Member: Abhishek Goswami (15IT17), Dept. of IT
Avinash Kumar (15IT11), Dept. of IT
Achievements: Won 3rd prize for best idea in Women Entrepreneur.

ACHIEVER'S SECTION

1.ASHISH KUMAR

- Our faculty Assistant Prof.Mr.Ashish Kumar has bagged Gold and a topper in NPTEL course "Introduction to Programming in C".

2.ARVIND KUMAR

- Arvind Kumar, 17IT32, from Department of Information Technology of the institute was selected for playing Volleyball in Bihar State Senior Volleyball Championship for Men at Banka from 22nd to 25th December 2018.

3.SHUBHAM KUMAR

- Got selected in top 30 in "Bihar Startup Yatra 2018" for his Idea name-Leaf Bag held between 19-20 December 2018.

4.RAHUL KUMAR JHA

- Got selected in top 30 in "Bihar Startup Yatra 2018" for his Idea name-Leaf Bag held between 19-20 December 2018.

1.RAJASTHAN HACKATHON-2018

- Proud moment for MIT 4 students of 3rd Year IT Department have been selected for Rajasthan Hackathon 2018 and represented MIT there in the world's largest Hackathon which features in Guiness Book of World Records too.

- Their project was ENVOTALK-A pathway that enables Environment to show up the problems they are facing through.

- Team Lead-ABHISHEK GOSWAMI

- Team Members-SURUCHI UPADHAYAY,RAHUL RAJ, AVINASH KUMAR

They made us all proud

2.Startup India Bihar Yatra One Day Bootcamp & Workshop

- Balancing Spoon:

Team Leader: Suruchi Upadhyay (15IT25),

Team Member: Abhishek Goswami (15IT17),Avinash Kumar (15IT11)

- Achievements: Won 3rd prize for best idea in Women Entrepreneur.

CULTURAL ACTIVITIES

1.NUKKAD NATAK

"A Street Play on Transgender – Our Acceptance is still missing" was organized by the Junoon – The Arts and Cultural Club, MIT Muzaffarpur, in order to make changes in the society and make people aware with scarce realities that are faced by these people . The only motive behind this event is to give some respect to them and make people to accept them as they are. This event was organized on 26th April 2018 infront of Campus Main Gate.

Performing artists of the play From Dept.of Information Technology were:

ADITYA SINGH
RIYA AGRAWAL
RAHUL KUMAR SINHA
ALOK KUMAR

2.FIESTA'18

Junoon – The Arts and Cultural Club organized an event on its first Anniversary under the name of FIESTA'18 on 29th September 2018 in AVH Hall of the institute.It was a four-hour event comprised of various Dancing, Singing and Poetry performance.The event was inaugurated by Chief Guest Dr. S K Jha, Registrar & Head of Department Applied Science & Humanities by auspicious Lamp Lighting ceremony joined by Guest of Honor Dr. Ashutosh Kumar,Associate Professor-Applied Science & Humanities and other dignitaries Dr. C B Roy,Head of Department Civil Engineering and Dr. N R Baranwal,Head of dept. B Pharmacy.There were thirteen performance throughout the event (Five Dancing, Two Poetry and Six Singing).

3.Online Photography Competition

An online photography competition was organized by Junoon on Diwali on 7th & 8th November 2018. It was an intercollege competition (open for all). The aim of the photo contest was to promote the artistic side of a student socially & to celebrate the culture that we share. We believe photography is a truly powerful medium of self-expression. The competition was organized on Facebook and Instagram. The winners were selected based on portals like & share features. The winner of this event was Ankit Aryan from NIT Jamshedpur.1st & 2nd runner up were Saurav Kumar & Nivedita Kumari(IT) from MIT Muzaffarpur.

SPORTS ACTIVITIES

1.INTER-BRANCH VOLLEYBALL TOURNAMENT

- MIT Sports Council in association with MIT Sports Club had organised "Inter Branch Volleyball Tournament' 2018" from 1 Nov. to 5 Nov 2018.

- Sixteen teams (14 Boys and 2 Girls teams) had participated in the tournament. Civil 2016 had defeated Electrical 2017 and lifted the trophy.

- IT 2018 secured 3rd position. G1 (Girls team 1) bagged the winner's trophy by defeating G2.

- Mr. Karuresh Kumar, a national volleyball player, was the chief referee.

2.PUBG TOURNAMENT

- This event was organised by Junoon on 7th & 8th December 2018, in which different teams from the college participated in the form of squads and solo also. This two-day event was truly stupendous.It was inaugurated by principal of the institution Prof. (Dr.) J.N Jha and where he said that Video games enhance the concentration and create competitiveness.
- The event was also graced by the council chairman of Junoon Dr. Ashutosh Kumar,coordinator Dr.Nidhish Kumar Singh,Mr. Umar Farooque and Dr. Arun Kumar.
- **The winners of the tournament were:**

Squad competition
1st – Team Invincible,

2nd – Team Champions

3rd – Team Aashu

Solo competition
1st – Shivam Kumar Singh,

2nd – Ankit Raj

3rd – Suryakant Vishal

एमआईटी में पबजी टूर्नामेंट के विजेता बने शिवम

LABS
&
INFRASTRUCTURE

LAB I

IT Lab-01

The Department of Information Technology at MIT Muzaffarpur is renowned for cutting edge for imparting state of the art education. We invite you to join us in the excitement and be an active participant in the growth of the department. Department is definitely the place you may become part of a tradition of excellence. With rapidly evolving technology and the continuous need for innovation. Faculty members constantly assist students on the use of computer, so that students may use them to enhance their knowledge and presentation skills.

LAB II

IT Lab-02

MIT Computer Lab has round the clock internet connectivity through NKN. These are spacious allowing students the peace and space they require to study. They are equipped with 65 machines with the latest configuration available. In addition,computer lab has all the software that a student might require, whether there is requirement of networking of software technologies. This include window 10, UNIX, Oracle 11g,VB, C++ and Java

IT BUILDING

IT Building

The Department takes immense interest in conducting professional activities such as organizing workshops, seminars and expert lectures to meet the challenges in the IT industry . The future agenda of the department is to further augment these professional activities.

GALLERY

1.INDEPENDENCE DAY

2.TEACHER'S DAY