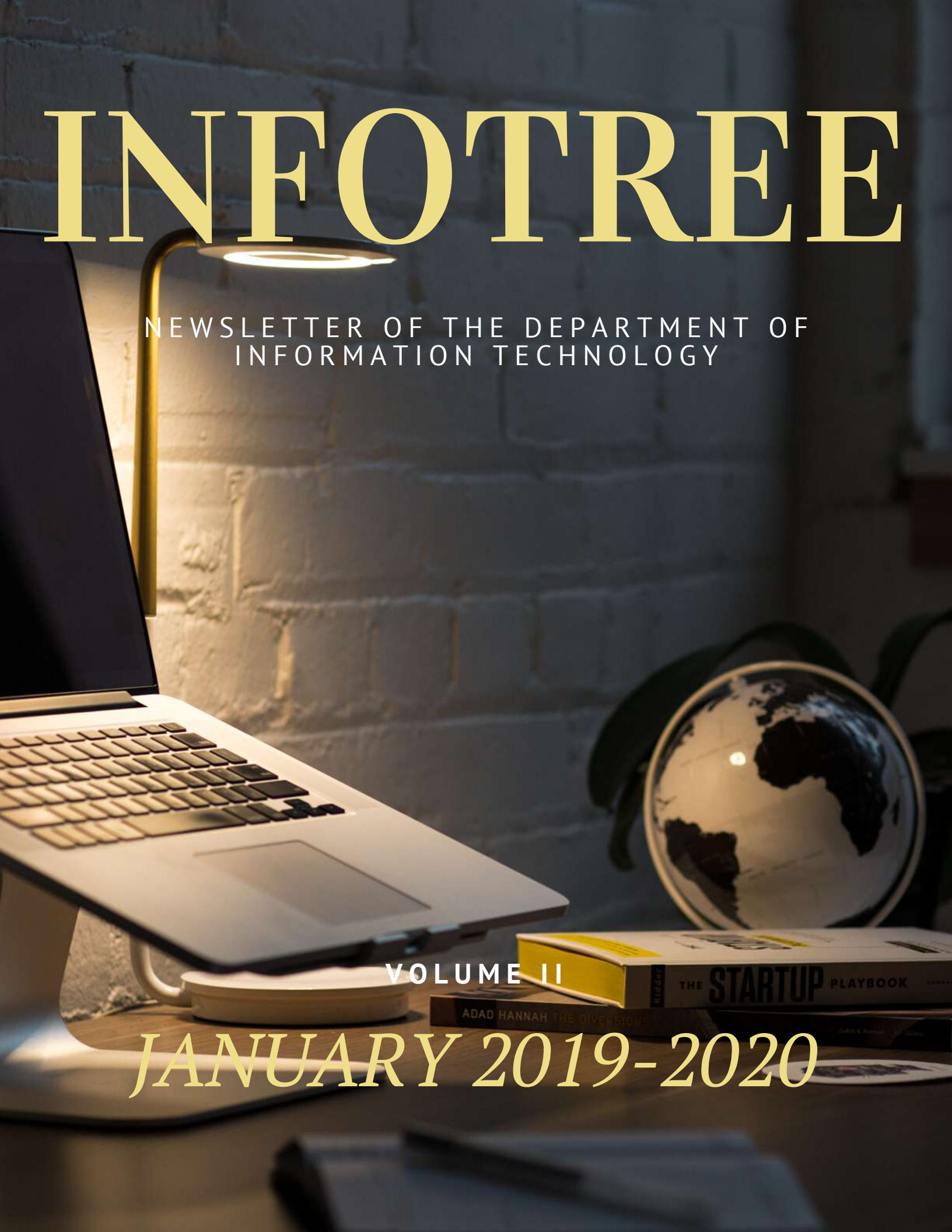


INFOTREE

NEWSLETTER OF THE DEPARTMENT OF
INFORMATION TECHNOLOGY

VOLUME II

JANUARY 2019-2020



VISION & MISSION

VISION

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 through 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 research including 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 its application.
- **PSO2**: Identify and recommend sustainable technologies, materials and practice in different fields 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 an 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 overall 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 students not only promising engineers, but also human beings developed in all faculties."



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 through 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

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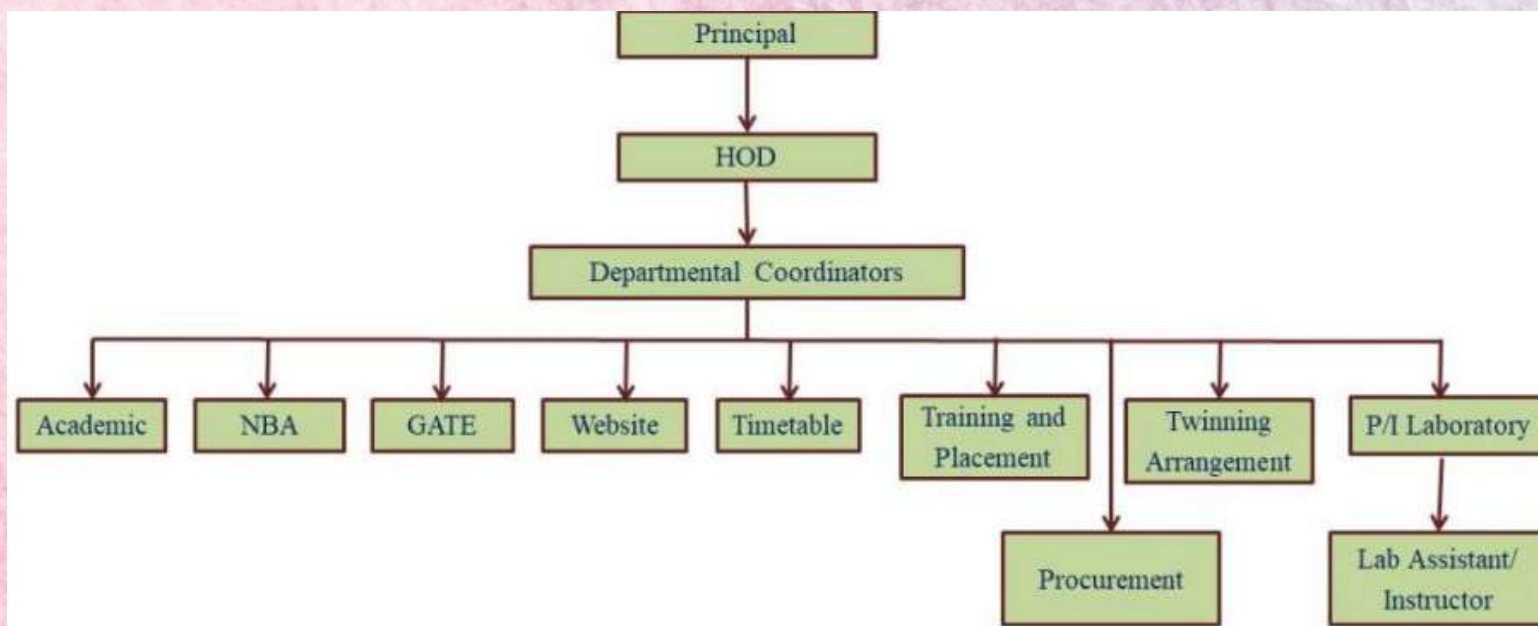
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MIT AT GLANCE



- **Muzaffarpur Institute of Technology (MIT), Muzaffarpur is a premier institution of eastern India for technical education Affiliated to Aryabhata 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 II सर्वोपरि कर्म II 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



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

1.MR.VIJAY KUMAR

(Assistant Professor & Head of Department of Information Technology)

2.MR.ASHISH KUMAR

(Assistant Professor of Department of Information Technology)

3.MS.SHWETA KUMARI

(Assistant Professor of Department of Information Technology)

4.MR.SANTOSH KUMAR RAI

(Assistant Professor of Department of Information Technology)

5.MR.ABHISHEK KUMAR

(Assistant Professor of Department of Information Technology)

6.MR.SAVYA SACHI

(Assistant Professor of Department of Information Technology)

7.MR.RAKESH RANJAN

(Assistant Professor of Department of Information Technology)

8.MR.SUMIT SINGH

(Assistant Professor of Department of Information Technology)

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

TEQIP III



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

Designation

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, New Delhi,

Mobile: 9205700167

Member

Sh. Atul Kumar Sinha

Director, Science and Technology, Govt. of Bihar, Patna,

Bihar Government Nominee

Mobile:9473197801

Member

Shri Bishwajeet Choubey

Chief Construction Engineer HQ (Infra), Directorate of Civil Works and Estate, HQ DRDO, Rajaji Marg, Delhi-110011

Principal's Nominee

Mobile:9873339366

Member

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

Member

Dr. Rajiv Kumar

Registrar, AKU, Patna ,
University Nominee,
Mobile:9905034322

Member

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

MIT Muzaffarpur,
Principal's Nominee,
Mobile:9470230239

Email ID: skjha@mitmuzaffarpur.org

Member

Dr. Vikash Kumar

HOD (ME), MIT Muzaffarpur,
Principal's Nominee,
Mobile:9931839003

Email ID: vikashkumar@mitmuzaffarpur.org

Member

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

Co-ordinator

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 Department of Information
Technology are listed here: -

1. IT Lab – I
2. IT Lab – II



LAB I



LAB II



~
IT
IN
NEWS



एमआईटी के छात्र ऋषभ कुमार को मिला 15.6 लाख सालाना का पैकेज

वरीय संवाददाता > मुजफ्फरपुर

इंफॉर्मेशन टेक्नोलॉजी के थर्ड इयर का स्टूडेंट है ऋषभ



17 अगस्त को साइन किया कॉन्ट्रैक्ट, अगस्त 2021 में अवाइनिंग

किसान का बेटा है ऋषभ

पटना के पकरवा के सखारवा किसान परिवार से निकलकर इंजीनियरिंग की पढ़ाई कर रहे ऋषभ के हंसले बुलंद है. ऋषभ के पिता अरविंद कुमार अपने तीन भाइयों के साथ गांव में रहकर खेती करते हैं. वहीं, किलन देवी गृहिणी हैं. उसकी छोटी बहन सनाका की छात्रा है. बताया कि डाटा एनालिसिस व फ्रेमवर्क में उसे बुरा से सचि रही है. उसके चयन से कॉलेज के साथ ही परिवार में भी खुशी है.

पढ़ाई शुरू की. बताया कि उसे डाटा एनालिसिस और फ्रेमवर्क में शुरू से ही रुचि है. इंटरनेटिंग के जरिये शुरूआत हुई थी. उसके प्रोजेक्ट को टीचर्स ने सराहा, तो उसका बढ़ता गया. फर्स्ट इयर में एडवोकेटी प्रो विजय कुमार ने सपोर्ट किया. इसके बाद प्रो आशीष ने भी मदद की. इस दौरान जो भी प्रोजेक्ट बनाया, लिंक पर डालता गया. सबसे पहले गुगली प्रॉजेक्ट इंडिया लिमिटेड से डाटा डेवलपर के लिए ऑफर मिला था. इसके बाद कैम्पस टेक्नोलॉजी सॉल्यू अर्थ कंपनी ने ऑफर दिया. पिछले दिनों सोसलआइआर-सीबीआर पर अपना बॉयोडाटा: अफ़ोल्ड किया था.

इसके बाद ही एमआईटी ने उससे संपर्क किया. प्रोजेक्ट के आधार पर इंटरव्यू राउंड के लिए सेलेक्शन हुआ. फाइनल सेलेक्शन के बाद कॉलेज की बातया, तो कॉलेज की ओर से पड़ताल की गयी. जांच से स्वीकृति मिलने के बाद ऋषभ ने कंपनी के साथ कॉन्ट्रैक्ट साइन कर लिया.

एमआईटी के इंफॉर्मेशन टेक्नोलॉजी के छात्र ऋषभ कुमार बेंगलूरु की कंपनी एडवांस्ड माइक्रो डिवाइसेज (एमआईटी) में 15.6 लाख रुपये सालाना के पैकेज पर चयन हुआ है. हालांकि कॉर्स पूरा होने के बाद अगस्त 2021 में ऋषभ को जुनियर लीड डाटा एनालिसिस के पद पर कंपनी ज्वाइन करना है. 17 अगस्त को चयन की प्रक्रिया पूरी होने के बाद उसने कंपनी के साथ कॉन्ट्रैक्ट साइन कर लिया. इस उपलब्धि पर प्रचार्य डॉ जेएन झा ने खुशी जताते हुए कहा कि ऋषभ की उपलब्धि एमआईटी के अन्य छात्रों के लिए भी प्रेरणा का काम करेगी. 2017 में ऋषभ ने एमआईटी से इंफॉर्मेशन टेक्नोलॉजी से बॉटिक की

एंड्रॉयड फोन लिनक्स सॉफ्टवेयर की देन



कार्यशाला में शामिल एमआईटी के छात्र.

वरीय संवाददाता > मुजफ्फरपुर

लिनक्स एंड ओपेन सोर्स सॉफ्टवेयर के बारे में एमआईटी के छात्र-छात्राओं को जानकारी देने के लिए पांच दिवसीय कार्यशाला हो रही है. कार्यशाला के दूसरे दिन प्रतिभागी छात्र-छात्राओं को लिनक्स मिंट इंस्टॉलेशन, डेबुअल बूटिंग विद विंडोज और लिनक्स सिस्टम उपयोग करने के तरीके बताये गये. इससे पहले उद्घाटन सत्र में प्राचार्य डॉ जेएन झा ने लिनक्स एंड ओपेन सोर्स के बारे में बच्चों को समझाया. कहा, एंड्रॉयड फोन इसी सॉफ्टवेयर की देन है, जो आज हर किसी के लिए आसानी से सुलभ है. सुझाव दिया कि यह सॉफ्टवेयर सभी को इस्तेमाल करना चाहिए.

इंजीनियरिंग डिपार्टमेंट के असिस्टेंट प्रोफेसर नीरज कुमार ने 'इंट्रोडक्शन टू रिमोट सेंसिंग एंड जीआईएस' के बारे में बताया. रिमोट सेंसिंग एंड जीआईएस किस तरह काम करता है, यह विस्तार से जानकारी दी. इसके अलावा अन्य कॉर्मांशियल सॉफ्टवेयर के बारे में भी जानकारी दी गयी. आईटी डिपार्टमेंट के असिस्टेंट प्रोफेसर आशीष कुमार ने सॉफ्टवेयर के इस्तेमाल से डाटा कलेक्शन करने के बारे में खाका बनाकर समझाया. छह जनवरी तक चलने वाले वर्कशॉप में छात्रों के साथ ही 25 शिक्षक व कर्मचारी भी शामिल हो रहे हैं. वर्कशॉप के दौरान पांच दिनों में सबको लिनक्स ऑपरेटिंग सिस्टम इंस्टॉल करना, इस्तेमाल करना, ओपेन सोर्स सॉफ्टवेयर यूज करना और उसके फायदे बताये जायेंगे.

विशेष सत्र में सिविल

एमएचआरडी और एआईसीटी के फर्स्ट एनुअल इनोवेशन फेस्टिवल में एमआईटी के प्रोजेक्ट को मिली सराहना

एमआईटी स्टूडेंट्स का बनाया लो कॉस्ट रैजिडेंशियल वाटर फ्लो मीटर देश के टॉप-5 प्रोजेक्ट में सेलेक्ट

एमआईटी के छात्र-छात्राओं के बनाए गए और उपलब्धि प्राप्त हुए हैं. छात्रों की ओर से जो सॉफ्टवेयर डेवलपमेंट प्रोजेक्ट बनाए गए हैं, उनमें से टॉप-5 प्रोजेक्टों के रूप में चुने गए हैं. लिनक्स एंड ओपेन सोर्स (एमआईटी) और एडवांस्ड माइक्रो डिवाइसेज (एमआईटी) के छात्र-छात्राओं की ओर से अत्यंत ही प्रभावशाली प्रोजेक्टों के टॉप-5 प्रोजेक्टों की सूची में चुने गए हैं. इनमें से एमआईटी के छात्र-छात्राओं का प्रोजेक्ट 'लो कॉस्ट रैजिडेंशियल वाटर फ्लो मीटर' का है. इस प्रोजेक्ट का चयन देश के टॉप-5 प्रोजेक्टों के रूप में हुआ है.

आईआईटी, एमआईटी समेत देश भर के इंजीनियरिंग कॉलेजों की 500 से अधिक टीमों ने फेस्टिवल में लिया वा हिस्सा

इन छात्र-छात्राओं ने दिलाई पहचान

एमआईटी की प्रथम श्रेणी का प्रथम स्थान प्राप्त करने वाले प्रोजेक्ट 'लो कॉस्ट रैजिडेंशियल वाटर फ्लो मीटर' का है. इसमें एमआईटी के छात्र-छात्राओं की टीम का प्रथम स्थान प्राप्त करने का श्रेय है. इस प्रोजेक्ट के अलावा अन्य प्रोजेक्टों में भी अच्छे स्थानों पर टीमों को चुने जाने का भी उल्लेख है.

प्रोफेसर नीरज कुमार ने प्रोजेक्ट को सराहा और बताया कि यह सॉफ्टवेयर सभी को प्रयोग करना चाहिए.

प्रोजेक्ट मोडिफाई करने कनाडा या दक्षिणी कोरिया जाएंगे छात्र

प्रोफेसर नीरज कुमार ने चयन के बाद टीम को प्रोजेक्ट के मॉडिफिकेशन के लिए कनाडा या दक्षिणी कोरिया भेजा जाएगा. बताया कि प्रोजेक्ट को मॉडिफिकेशन के लिए कनाडा या दक्षिणी कोरिया भेजा जाएगा. बताया कि प्रोजेक्ट को मॉडिफिकेशन के लिए कनाडा या दक्षिणी कोरिया भेजा जाएगा.

एमआईटी के छात्रों को दी सॉफ्टवेयर की जानकारी

मुजफ्फरपुर | वरीय संवाददाता

एमआईटी के छात्र-छात्राओं को लिनक्स एंड ओपेन सोर्स सॉफ्टवेयर के बारे में गुरुवार को जानकारी दी गई। पांच दिवसीय कार्यशाला के दूसरे दिन छात्र-छात्राओं को लिनक्स मिंट इंस्टॉलेशन, डेबुअल बूटिंग विद विंडोज व लिनक्स सिस्टम का उपयोग करने का तरीका बताया गया। एमआईटी के प्राचार्य डॉ. जेएन झा ने लिनक्स एंड ओपेन सोर्स की जानकारी दी। कहा कि एंड्रॉयड मोबाइल इसी सॉफ्टवेयर की देन है जिसे आज हर

कोई आसानी से इस्तेमाल करते हैं। उन्होंने कहा कि यह सॉफ्टवेयर सभी को प्रयोग करना चाहिए। विशेष सत्र में सिविल इंजीनियरिंग डिपार्टमेंट के असिस्टेंट प्रोफेसर नीरज कुमार ने 'इंट्रोडक्शन टू रिमोट सेंसिंग एंड जीआईएस' के बारे में जानकारी दी। उन्होंने बताया कि रिमोट सेंसिंग एंड जीआईएस किस तरह काम करता है। इसके अलावा अन्य कॉर्मांशियल सॉफ्टवेयर के बारे में भी जानकारी दी। आईटी डिपार्टमेंट के असिस्टेंट प्रोफेसर आशीष कुमार ने सॉफ्टवेयर के इस्तेमाल से डाटा कलेक्शन के बारे में भी बताया।



गुरुवार को एमआईटी में आयोजित कार्यशाला में वक्ताओं की बातें सुनते छात्र-छात्राएं।

एमआईटी और एआईसीटीई के फर्स्ट एनुअल इनोवेशन फेस्टिवल में एमआईटी के प्रोजेक्ट को मिली सराहना

एमआईटी स्टूडेंट्स का बनाया लो कॉस्ट रेजिडेंशियल वाटर फ्लो मीटर देश के टॉप-5 प्रोजेक्ट में सेलेक्ट

एमआईटी के छात्र-छात्राओं ने जून 2019 में आयोजित हुए इस फेस्टिवल में अपने लो कॉस्ट रेजिडेंशियल वाटर फ्लो मीटर प्रोजेक्ट को प्रदर्शित किया था। इस प्रोजेक्ट का विकास देश के टॉप-5 इनोवेशन के रूप में हुआ है।

कक्षा 12 के छात्र अक्षय कुमार (एयरकंडीशनिंग) और सुभाषित कौर (इंजीनियरिंग) ने प्रोजेक्ट को तैयार किया था। इसमें एमआईटी के छात्रों का विशेष योगदान है। प्रोजेक्ट को प्रदर्शित करने के लिए एमआईटी स्टूडेंट्स का बनाया लो कॉस्ट रेजिडेंशियल वाटर फ्लो मीटर देश के टॉप-5 प्रोजेक्ट में सेलेक्ट किया गया।



एमआईटी, एमआईटी समेत देश भर के इंजीनियरिंग कॉलेजों की 500 से अधिक टीमों ने फेस्टिवल में हिस्सा लिया था।

प्रोजेक्ट मोडिफाई करने कनाडा या दक्षिणी कोरिया जाएंगे छात्र

प्रोजेक्ट को मोडिफाई करने के लिए छात्रों को कनाडा या दक्षिणी कोरिया जाने की आवश्यकता है।

एमआईटी: दो छात्राएं आईबीएम में

गुजरातपुर | वरीय संवाददाता

एमआईटी की दो छात्राओं का आईबीएम में कैम्पस सेलेक्शन हुआ है। गुजरात को आईबीएम की ओर से एमआईटी को सेलेक्शन का पत्र भेजा गया। इन्फर्मेशन टेक्नोलॉजी की दोनों छात्राओं अपूर्वा राठी व मेधा सिन्हा का चयन 4 लाख 50 हजार के पैकेज पर हुआ है।

लिखित परीक्षा व साक्षात्कार के बाद इन दोनों छात्राओं का चयन हुआ है। यह कैम्पस सेलेक्शन आर्यभट्ट विश्वविद्यालय, पटना की ओर से कराया गया था। गत 30 नवंबर को आईएमबी की ओर से कैम्पस सेलेक्शन के लिए ऑनलाइन परीक्षा ली गई।

इसमें बिहार के तमाम इंजीनियरिंग कॉलेज के तीन सौ छात्र-छात्राएं शामिल हुए। इसमें 35 छात्र-छात्राएं एमआईटी



अपूर्वा राठी



मेधा सिन्हा

कैम्पस सेलेक्शन

- आर्यभट्ट ज्ञान विधि की ओर से कराया गया था कैम्पस सेलेक्शन
- ऑनलाइन परीक्षा में इंजीनियरिंग कॉलेजों के 300 छात्र हुए शामिल

के थे। साक्षात्कार में चर्चित कुल छह में दो छात्राएं एमआईटी की हैं। बता दें कि इस साल एमआईटी के तीन दर्जन

आदित्य रंजन का चयन विप्रो में, ₹3.5 लाख का पैकेज मिला

मुजफ्फरपुर | कैम्पस प्लेसमेंट में एमआईटी के स्टूडेंट्स का चयन लगातार हो रहा है। आर्यभट्ट नॉलेज यूनिवर्सिटी की ओर से आयोजित कैम्पस प्लेसमेंट में संस्थान के छात्र आदित्य रंजन का चयन विप्रो में हुआ है। वह आईटी ब्रांच का छात्र है। उसका चयन 3.5 लाख के पैकेज पर किया गया है। एकेयू की ओर से आयोजित पूल कैम्पस में बिहार के सभी इंजीनियरिंग कॉलेजों के कुल 250



आदित्य रंजन

स्टूडेंट्स शामिल हुए थे। इसमें से केवल तीन छात्रों का चयन किया गया है। एमआईटी से 23 स्टूडेंट्स ने परीक्षा दी थी। दो अन्य सफल छात्र बख्तियारपुर कॉलेज ऑफ इंजीनियरिंग और नालंदा कॉलेज ऑफ इंजीनियरिंग चंडी से हैं। इससे पहले भी एमआईटी के दो छात्राओं का चयन आईटी कंपनी आईबीएम के लिए किया गया है। दोनों ही छात्राएं आईटी ब्रांच से ही हैं। छात्र की सफलता पर एमआईटी के प्राचार्य डॉ. जेएन झा ने शुभकामना दी है। वहीं, विज्ञान भवन दिल्ली में होने वाले भारतीय छात्र संसद में एमआईटी के 5 स्टूडेंट्स शामिल होंगे। इसे लेकर मानव संसाधन विकास मंत्रालय की संस्थान को जानकारी दी गई है।

आयोजन • उद्गम-2019 में सात बांच के छात्र-छात्राओं ने दिखाई प्रतिभा, ध्वज लेकर मैदान में निकले सभी प्रतिभागी

एमआईटी में प्रतिभागियों ने पहले दिन के खेल में किया शानदार प्रदर्शन, 24 अंक लेकर आईटी ब्रांच रही अत्वल

इलेक्ट्रॉनिक एंड कम्युनिकेशन 11 अंक के साथ दूसरे व 9 अंक के साथ मैकेनिकल की टीम तीसरे स्थान पर रही

इस तरह रहे परिणाम

बांचक वर्ग - शीट/टुक	प्रथम	द्वितीय	तृतीय
सफेद कुमारी	प्रथम	द्वितीय	तृतीय
रुपम राय	प्रथम	द्वितीय	तृतीय
रविश कुमार	प्रथम	द्वितीय	तृतीय
1500 मीटर दौड़	प्रथम	द्वितीय	तृतीय
अनील कुमार	प्रथम	द्वितीय	तृतीय
कुनल कुमार	प्रथम	द्वितीय	तृतीय
नीलेश कुमार	प्रथम	द्वितीय	तृतीय
बालिका वर्ग - शीट टुक	प्रथम	द्वितीय	तृतीय
रुबी कुमारी	प्रथम	द्वितीय	तृतीय
रुबी कुमारी	प्रथम	द्वितीय	तृतीय
सुरभि कुमारी	प्रथम	द्वितीय	तृतीय
1500 मीटर - बालिका	प्रथम	द्वितीय	तृतीय
शिव भारती	प्रथम	द्वितीय	तृतीय
रविश कुमार	प्रथम	द्वितीय	तृतीय
अनील कुमार	प्रथम	द्वितीय	तृतीय
पहले दिन का परिणाम			
आईटी	24 अंक		
आईटी	11 अंक		
मैकेनिकल	9 अंक		
सर्विस	9 अंक		
बी कम्पनी	6 अंक		
इलेक्ट्रिकल	4 अंक		
एआईटी	0 अंक		

सबसे अधिक पॉइंट वाली ब्रांच बनेगी ओवरऑल चैंपियन

आयोजन में सबसे अधिक पॉइंट हासिल करने वाली ब्रांच के लिए ओवरऑल विजेता का पुरस्कार होगा। आईटी ब्रांच ने 24 अंक लेकर सर्वोच्च स्थान पर चढ़ा जाएगा। यह जानकारी कार्यक्रम के संचालक डॉ. निधि कुमार और रवि कुमार ने दी है। 800 मीटर दौड़ में आईटी ब्रांच ने विजेताओं को शुभकामनाएं प्रकट कीं।

800 मीटर दौड़ के विजेताओं को शुभकामनाएं प्रकट कीं। कार्यक्रम के संचालक डॉ. निधि कुमार और रवि कुमार ने बताया कि आईटी ब्रांच ने 24 अंक लेकर सर्वोच्च स्थान पर चढ़ा जाएगा। यह जानकारी कार्यक्रम के संचालक डॉ. निधि कुमार और रवि कुमार ने दी है। 800 मीटर दौड़ में आईटी ब्रांच ने विजेताओं को शुभकामनाएं प्रकट कीं।



ACADEMIC ACTIVITIES

1. Workshop on Linux & Open Source Software



A TEQIP-III sponsored workshop was organized on “Linux & Open Source Software” by department of Information Technology in association with Moxie-Technical Club, MIT Muzaffarpur, from 2nd January to 6th January 2019. The workshop was inaugurated by Dr. J.N. Jha, Principal, Prof. Y. N Sharma, Head of Department -Electrical Engineering, 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 IT & Moxie-Technical Club. The objective of course was to increase awareness among the participant about the technological development related to Linux operating system and open source software. In the workshop total 60 participants including faculties and seven female participants have were present from the different departments

2. Workshop on Artificial Intelligence



- A five day workshop on Artificial Intelligence was organized by the Department of Information Technology, MIT Muzaffarpur in collaboration with the Department of Computer Science, NIT Patna sponsored by IEEE Computational Intelligence Society and TEQIP III. The workshop was held from 5th –9th September 2019. The workshop was inaugurated by Dr. Akshay Deepak (Assist. Prof CSE, NIT Patna), Dr. Vikash Kumar (H.O.D, Dept. of Mechanical Engineering, MIT Muzaffarpur), Mr. Ashish Kumar (TEQIP III Co-ordinator, MIT Muzaffarpur), Mr. Vijay Kumar (H.O.D, Dept. of Information Technology, MIT Muzaffarpur), Mr. Ashish Kumar (Assist. Prof, Information Technology).

- Resource persons for the workshop

were:

1. Dr. M.P Singh (Associate Prof. CSE, NIT Patna).
2. Dr. Jyoti Prakash Singh (Assist. Prof & Head CSE, NIT Patna).
3. Dr. Akshay Deepak (Assist. Prof CSE, NIT Patna).
4. Dr. Sudhakar Tripathi (REC Ambedkarnagar).



- **The workshop was coordinated by the faculty and student coordinators. The main objective of the workshop was to create awareness among the students regarding the Artificial Intelligence and its application in the corporate world to perceive different projects through it. The total intake for the workshop was 60 including both students and faculties.**



The background is a vibrant, abstract painting with thick brushstrokes in shades of blue, green, red, and yellow. A large white circle is centered on the page, containing the text 'GATE RECORDS' in a blue, serif font. Above and below the text are small, decorative blue flourishes.

GATE RECORDS

GATE RESULT OF BATCH 2015-2019

<u>S. No.</u>	<u>NAME OF CANDIDATE</u>	<u>BRANCH</u>	<u>REGISTRATION NO.</u>	<u>GATE REGISTRATION NO</u>	<u>GATE SCORE</u>
1.	Madhu Verma	IT	15106107234	CS19S34014092	385
2.	Monika Kumari	IT	15106107266	CS19S34014175	385
3.	Kumari Abhilasha	IT	15106107237	CS19S34014138	370
4.	Ayush Kumar	IT	15106107240	CS19S34014328	548
5.	Abhishek Goswami	IT	15106107263	CS19S34014123	378
6.	Md Firdaus	IT	15106107228	CS19S34015546	359
7.	Jayant Kumar	IT	15106107241	CS19S34014242	359
8.	Rahul Kumar Raj	IT	15106107230	CS19S34014306	359



**TRAINING
&
PLACEMENT**



PLACEMENT STATUS OF BATCH 2016-2020

1.TCS

<i>S.NO</i>	<i>NAME</i>	<i>DISCIPLINE</i>
1.	Aparna Kumari	IT
2.	Shagufta Shaheen	IT
3.	Amisha	IT

2.IBM INDIA

<i>S.NO</i>	<i>NAME</i>	<i>DISCIPLINE</i>
1.	Apoorva Rathore	IT
2.	Megha Sinha	IT

3.WIPRO

<i>S.NO</i>	<i>NAME</i>	<i>DISCIPLINE</i>
1.	Aditya Ranjan	IT

4. GRIFEO TECHNOLOGY

S.NO	NAME	DISCIPLINE
1.	Nishi Anand	IT
2.	Beauty Kumari	IT
3.	Ruby Kumari	IT
4.	Shweta Kumari	IT
5.	Raima	IT
6.	Kumari Jahanvi	IT
7.	Rashmi Kumari	IT
8.	Md. Kaifee	IT

5. PIE INFOCOMM

S.NO	NAME	DISCIPLINE
1.	Md. Shaquib Ullah	IT
2.	Anshuli Kumari	IT
3.	Aditya Singh	IT

6. SS TELESERVICES

S.NO	NAME	DISCIPLINE
1.	Sanjay Kumar	IT
2.	Anurag Kumar	IT
3.	Gaurav Kumar	IT


PLACEMENT STATUS OF BATCH 2017-2021

1.INTEL

<i>S.NO</i>	<i>NAME</i>	<i>DISCIPLINE</i>	<i>PACKAGE(LPA)</i>
1.	Rishabh Kumar	IT	30

2.AMD

<i>S.NO</i>	<i>NAME</i>	<i>DISCIPLINE</i>	<i>PACKAGE(LPA)</i>
1.	Rishabh Kumar	IT	15



§

**SWAYAM-
NPTEL
LOCAL
CHAPTER**

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- **MIT Muzaffarpur became Local Chapter in December 2018. MIT Muzaffarpur performed excellently in its very first NPTEL session i.e. Jan-April 2019, after becoming LC. Sixteen Faculties and seventy-two students successfully completed one/multiple course(s). Out of 128 examination registration, 124 got certified which includes 17 Course Topper, 13 Gold, 24 Silver, 39 Elite and 48 successful completion certificates.**
- **MIT Muzaffarpur ranked 105th position in among 788 Active Local Chapters and awarded Best New Active Local Chapter (Certificate).**
- **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 JANUARY-APRIL 2019

- MIT Muzaffarpur performed excellently in its very first NPTEL session i.e. Jan-April 2019, after becoming LC. Sixteen Faculties and seventy-two students successfully completed one/multiple course(s). Out of 128 examination registration, 124 got certified which includes 17 Course Topper, 13 Gold, 24 Silver, 39 Elite and 48 successful completion certificates.

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

S.NO	NAME	COURSE NAME	CERTIFICATE
1.	ASHISH KUMAR	<ul style="list-style-type: none">• Problem solving through Programming In C• Discrete Mathematics	Elite+gold (Topper of 1% in this course) Successfully completed
2.	SANTOSH KUMAR RAI	<ul style="list-style-type: none">• Bio-Informatics: Algorithms and Applications	Elite
3.	SHWETA KUMARI	<ul style="list-style-type: none">• Machine Learning, ML	Successfully completed

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

S.NO	NAME	COURSE NAME	ROLL NO	CERTIFICATE
1.	ABHISHEK KUMAR	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT01	Elite
2.	ADITYA RANJAN	<ul style="list-style-type: none"> • Joy of computing using Python 	16IT32	Elite+Silver
3.	ADITYA SINGH	<ul style="list-style-type: none"> • Programming in Java 	16IT09	Elite+Silver
4.	ALOK KUMAR	<ul style="list-style-type: none"> • Problem solving through Programming In C. • Programming In C++. • Data Base Management 	17IT08	Successfully completed Successfully completed Successfully completed
5.	ANIKET KUMAR SINHA	<ul style="list-style-type: none"> • Problem solving through Programming In C. • Programming, Data Structures and Algorithms using Python. 	18IT04	Elite Successfully completed
6.	ANJALI PRIYA	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT05	Elite
7.	ANKIT JHA	<ul style="list-style-type: none"> • Problem solving through Programming 	17IT01	Successfully completed

8.	ANSHULI KUMARI	<ul style="list-style-type: none"> Programming In Java 	16IT19	Elite+gold
9.	APOORVA RATHORE	<ul style="list-style-type: none"> Problem solving through Programming In C. Joy of computing using Python. 	16IT10	Elite+Silver (Topper of 1% in this course) Elite+Silver
10.	APURVA SINGH	<ul style="list-style-type: none"> Data Base Management 	17IT21	Elite
11.	JYOTI KUMARI	<ul style="list-style-type: none"> Problem solving through Programming In C. 	18IT11	Elite+Silver (Topper of 5% in this course)
12.	MD TUFAIL AHMAD	<ul style="list-style-type: none"> Problem solving through Programming In C. 	18(LE)I T05	Successfully completed
13.	NITISH SHRIVASTAVA	<ul style="list-style-type: none"> Programming In C++. 	17IT10	Elite
14.	PREETI	<ul style="list-style-type: none"> Programming In Java. Data Base Management 	17IT03	Elite Successfully completed
15.	PRIYANSHU KUMAR	<ul style="list-style-type: none"> Problem solving through Programming In C. 	18IT18	Elite
16.	RAVI KUMAR	<ul style="list-style-type: none"> Problem solving through Programming In C. 	18IT21	Elite
17.	RAVIRANJAN KUMAR	<ul style="list-style-type: none"> Problem solving through Programming In C. 	18IT22	Successfully completed
18.	RITESH KUMAR	<ul style="list-style-type: none"> Joy of computing using Python. 	17IT18	Successfully completed

19.	RIYA AGRAWAL	<ul style="list-style-type: none"> • Problem solving through Programming In C. • Programming In C++. • Data Base Management 	17IT13	<p>Successfully completed</p> <p>Elite</p> <p>Elite</p>
20.	SHAGUFTA SHAHEEN	<ul style="list-style-type: none"> • Programming, Data Structures and Algorithms using Python. • Design and Analysis of Algoritihms 	16IT45	<p>Successfully completed</p> <p>Successfully completed</p>
21.	SHASHI SHEKHAR	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT27	Elite
22.	SHRISTI SINGH	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT29	Successfully completed
23.	SHUBHAM KUMAR	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	17IT40	Successfully completed
24.	SHUBHANGI SHREYA	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT30	Elite
25.	SURYAKANT VISHAL	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT32	Successfully completed
26.	VISHAL KUMAR	<ul style="list-style-type: none"> • Problem solving through Programming In C. 	18IT35	Elite

RESULT OF SWAYAM - NPTEL SESSION JULY-DECEMBER 2019

- This is the second NPTEL session after becoming LC. Out of 264 candidates, 228 got certified which includes 17 Course Topper, 10 Gold, 99 Silver, 77 Elite and 42 successful and 36 Participation certificates. MIT Muzaffarpur ranked 92nd position (Top 100 Active LC) in among 893 Active Local Chapters and awarded A Grade.
- LIST OF FACULTIES WHO COMPLETED ONE/MULTIPLE COURSE(S) ON NPTEL

S.NO	NAME	COURSE NAME	CERTIFICATE
1.	ASHISH KUMAR	• Ethical Hacking – Online	Elite+Silver
		• Introduction to Internet of Things – Online	Elite+Silver
		• The Joy of Computing using Python - Online	Elite+gold (Topper of 2% in this course)
2.	SANTOSH KUMAR RAI	• Theory of Computation	Elite
3.	SHWETA KUMARI	• Social Networks - Online	Elite
4.	VIJAY KUMAR	• Applied Natural Language Processing – Online	Successfully completed
		• Introduction to Machine Learning IITM – Online	Elite

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

S.NO	NAME	COURSE NAME	ROLL NO	CERTIFICATE
1.	ABHISHEK KUMAR	• Digital Circuits-Online	18IT01	Elite
2.	ABHISHEK KUMAR	• Digital Circuits-Online	18IT02	Successfully completed
3.	ANJALI PRIYA	• Digital Circuits-Online	18IT05	Elite
4.	ANSHULI KUMARI	• The Joy of Computing using Python-Online	16IT19	Elite+Silver
5.	APOORVA RATHORE	• Python for Data Science-Online	16IT10	Elite
6.	APURVA SINGH	• Programming in Java-Online	17IT21	Elite
7.	JYOTI KUMARI	• Discrete Mathematics IITM-Online	18IT11	Elite
		• Digital Circuits-Online		Elite+Silver (Topper of 5% in this Course)
8.	NITISH SHRIVASTAVA	• The Joy of Computing using Python-Online	17IT10	Elite+Silver
		• Ethical Hacking-Online		Successfully completed

9.	PRATYASHA SHREE	<ul style="list-style-type: none"> • ETHICAL HACKING – ONLINE • THE JOY OF COMPUTING USING PYTHON – ONLINE • DATA BASE MANAGEMENT SYSTEM 	17IT04	<p>ELITE</p> <p>ELITE+SILVER</p> <p>SUCCESSFULLY COMPLETED</p>
10.	PREETI	<ul style="list-style-type: none"> • Problem Solving through Programming in C – Online • Discrete Mathematics IITM – Online 	17IT03	<p>Successfully completed</p> <p>Successfully completed</p>
11.	PRIYANSHU KUMAR	<ul style="list-style-type: none"> • Ethical Hacking – Online 	18IT18	Successfully completed
12.	RAKESH KUMAR PRASAD	<ul style="list-style-type: none"> • The Joy of Computing using Python – Online 	17IT47	Elite+Silver
13.	RAVI KUMAR	<ul style="list-style-type: none"> • Digital Circuits – Online 	18IT21	Elite+Silver
14.	RAVI SHANKAR JHA	<ul style="list-style-type: none"> • Problem Solving through Programming in C – Online • Digital Circuits – Online 	18IT40	<p>Elite</p> <p>Successfully completed</p>
15.	RUBY KUMARI	<ul style="list-style-type: none"> • Problem Solving through Programming in C – Online 	16IT26	Elite
16.	SHAILENDRA KUMAR VISHWAKARMA	<ul style="list-style-type: none"> • Ethical Hacking - Online 	18(LE)IT03	Elite

17.	SHRISTI SINGH	<ul style="list-style-type: none"> Digital Circuits - Online 	18IT29	Successfully completed
18.	SHUBHANGI SHREYA	<ul style="list-style-type: none"> Digital Circuits – Online 	18IT30	Elite
19.	SHUBHAM KUMAR	<ul style="list-style-type: none"> Ethical Hacking – Online 	17IT40	Elite
20.	SURBHI KUMARI	<ul style="list-style-type: none"> Programming In Java – Online 	17IT20	Successfully completed
21.	SUSHMITA	<ul style="list-style-type: none"> Technical English for engineers. Discrete Mathematics IITM - Online 	18IT33	<p>Elite+gold (Topper of 1% in this course)</p> <p>Elite+Silver</p>





TECHNICAL
ACTIVITIES

1. Session on “Cloud Application Development and Introduction to Salesforce Ecosystem”



Mr.Om Prakash,a product architect 360 Degree Cloud from Salesforce Community gave a session on “Cloud Application and Development and Introduction to Salesforce Ecosystem”organized by the Department of Information Technology in association with TEQIP III & Salesforce Community with the students on 3rd September 2019.He dissussed about TRAILHEAD,a platform to learn Salesforce skills and also about a programming language called ‘APEX’ on Cloud Platform.He also shared the company’s goal to create 3million jobs by 2022 and how it’s student group in Salesforce is recruiting the college students.

2.CodEVA: Programming Event on HackerEarth

The poster is for a programming event titled 'CodEVA: An Evening with Coding'. It is organized by the Department of Information Technology at Muzaffarpur Institute of Technology, which is under the Department of Science & Technology, Govt. of Bihar. The event is scheduled for August 17, 2019, from 2:00 PM to 9:00 PM. A prize worth ₹1k is offered to the winner(s) after verification and authentication. The event is organized by Mr. Ashish Kumar (Assistant Professor, Dept. of Information Technology) and Mr. Nitish Shrivastava (Student, 3rd Year, Dept. of Information Technology). The HackerEarth logo is prominently displayed. Social media links for Facebook and the institute's website are provided at the bottom left. The Moxie logo is in the top right corner.

Govt. of Bihar
MUZAFFARPUR INSTITUTE OF TECHNOLOGY, MUZAFFARPUR
(Under the Dept. of Science & Technology, Govt. of Bihar)
Department of Information Technology

CodEVA
An Evening with Coding

2:00 PM TO 9:00 PM
August 17, 2019

Prize worth ₹1k
(*After Verification & Authentication of Winners(s))

Organised by:-
Mr. Ashish Kumar
(Assist. Professor, Dept. of Information Technology)
& Mr. Nitish Shrivastava
(Student : 3rd Year, Dept. of Information Technology)

facebook.com/mitmuzaffarpur
www.mitmuzaffarpur.org

HackerEarth

Moxie

A programming event on HackerEarth by the Department of Information Technology on 17th August 2019 under the guidance of our faculty Assist.Prof Mr.Ashish Kumar and student co-ordinator Nitish Shrivastava(3rd year).We had 71 candidates who participated for the same.



ACHIEVER'S SECTION



1. RISHABH KUMAR

- Got the internship at IISC Bangalore and Careoma Technologies.
- Worked at CSIR-CDRI Lab.
- Got placed in AMD and INTEL.

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All started from being a full stack web developer and my first internship at WOOLLY INDIA PRIVATE LIMITED where I worked for 2 months and received the 'BEST INTERN AWARD'.

I was then referred to Dr. Sukhant Khurana, a fellow scientist at CSIR-CDRI who is Machine and Deep learning Researcher, so my interest shifted towards it and having a good mathematics background helped me a lot. I got the concepts easily as I started making basic models and then to intermediate ones.



My first project milestone project was for Intuit, a Bangalore based company where I made a small model for prediction system and received an Internship offer as well as Careoma Technologies .

Coursera and EDX helped me a lot as after clearing intermediate level I enrolled in UCSANDIEGO programme of Coursera and Micromasters programme EDX and scored 97% percentile which got me scholarship in form of course fee reimbursement.

I also submitted a capstone project “DNA PROTEINS” and “THE HUMAN EYE DUPLICATE PROJECT” and was judged 6.99 AND 7.78 out of 10 respectively. It helped me to get officially certified at these platforms and helped me get recommendations from top universities of the world. My model worked really in terms of epochs and accuracy for which I received ‘INNOVATIVE AWARD’ that led me to IISC.

As every year IISC CONDUCTS different research oriented programmes so I applied there and got a screening test on “Classification based problem on cancer cells”.

I completed my application and then received an offer letter from IISC under RESEARCH WING CSIR-CDRI. The duration of the internship at IISC was about 50 days where I had to work in CSIR-CDRI Lab.

2000 students in multiple lots were competing from different colleges across India and I managed to get under top 2% and received recommendation letter and prizes too. So after results top companies of the world such as AMD , Nvidia Intel Samsung etc. visited there and based on my score I was allowed in the pool. Since I couldn't qualify for the Nvidia but did clear 6 rounds for AMD. The rounds were very multidimensional and their questions were very specific to the student's profile of their internship. Capstone projects and recommendations played a big role for me. College recommendations and letter of appreciation also helped me marking my lead role capabilities . Extra curricular activities are always a plus point After the interview rounds were over and internship programme was over I was contacted by their staff team for further terms and agreement and few weeks later I received a CTC of 17.6 LPA.

I also wrote a paper on Deep Learning(Retinal Thickness) which is under verification.

I had to boost up my skills so I explored more repositories and unique work on Artificial Intelligence through my new connections and fellow scientists and mentors .

I started to learning more and worked again on a capstone project based on “Retinal Artificial Screening System” which is capable of accurately discovering diabetic retinopathy 87% of the time. I made the model and submitted it with my application to CSIR-CDRI and IISC.

The accuracy was really amazing as of now 78% so this successful capstone project led me to apply for Intel through Udacity competition.I did it got my resume shortlisted in the 2nd time and at first they had a screening online interview for an Introduction Test on my progress done till date in Artificial Intelligence.

I was then given access to Intel Learning Academy where I had to clear their certification programme.I completed it and received certificates with credentials linked to my Linkedin account and a few weeks later received a call from Hiring and Staff selection teams regarding my future there.Few weeks later I was called in for final rounds of interview which were conducted in 4 rounds based on technical and personality aspects at the end I was finally offered a package of nearly CTC 30 Lpa.

I am currently working on Neural Networks and Tensorflow(Proteins structure) and smart robot eye based on human Eye functionalities .

I have received great support from college especially from Principal sir,Prof. Vijay sir and Ashish Sir of my department.



2. ANKIT JHA

- **WINNER of SMART INDIA HACKATHON (HARDWARE EDITION).**
- **Awarded BEST INNOVATION AWARD.**
- **WINNER of National Exhibition 2019.**
- **Selected for finale of Institutional Innovation Council-Innovation Competition 2019.**
- **Received 6lakhs rupees as seed money for Start-up from MHRD & AICTE**
- **Participated in HACK NITJ**
- **Participated in AICTE CHHATRA VISHWAKARMA AWARDS 2019-SEMI FINALE**





The words quoted by our mentor-Ashish Sir always motivates me in stress and in sleepless nights to find a solution to a problem.He once said:

“I have a strong feeling of getting the winner trophy and you should too take it very seriously,one trophy will lead you and MIT to a different level”.

It all started from the seminar organized in our college regarding Smart India Hackathon(SIH) and that motivated me do something innovative and intriguing apart from my academics.I then thought of forming a team and as I always prefer hybrid projects so I needed a hybrid team - a team consisting of members of different department and each posing different set of skills apart from academics for the same.

We submitted a solution to a problem statement given by HCL Technologies.When the results were out we got selected for the next round – to create prototype idea that was more challenging than our expectations.Mentors and college helped us to greater extent from providing labs and other requirements. My team left no stone unturned in finding the solution for the prototype such as searching for equipments like sensors or modules or talk to every faculty about the various approach to it. Our mentors would take report on the progress and solved any problem we came across.We spent 6 hour daily working either in E.V.S lab, Baludyan or Pharmacy building and all our robust work successfully took us to the final round held on 8th July,2019 at Reva University, Bangalore and as guided by our mentor, Ashish Sir we completed maximum work before Hackathon to avoid stress in Hackathon. We came across a lot of problems in 120 hours which disheartened us but our mentors- Ashish Sir, Mohit Sir Umang Sir helped us and stress busted us by their leadership talks that helped us to crack the final evaluation round that lasted for about 1 hour till the judge checked the precision of the instruments. Our nail biting moment ended when we were announced as the WINNER.Team SUVANA from MIT Muzaffarpur was the winner of Smart India Hackathon(Hardware Edition),it was that moment when all the hard work finally tasted success.

On homecoming we were appreciated by all including our Principal who quoted in that moment: “Getting a success is difficult but keeping to being successful is more difficult”.

Our first breakthrough motivated me to participate in “National Exhibition” organized by Institutional Innovative Council(IIC) and AICTE.I took part and cleared 1st state-level round and 2nd zone level round held in Kolkata and was called to AICTE Headquarter at New Delhi for Finale. By this time competition got extremely difficult as there were 50 teams from all Undergraduate backgrounds such as Medical and some from Postgraduate backgrounds. Here the projects were not judged on basis of innovation but on business plan and start-up culture,since I had no idea about business plan a great entrepreneur,AICTE & MHRD official and leader guided me for the same. When all hope was lost on us I thought of a business plan, market opportunity of our start-up based on the project.When our chance came I was able to impress the judge in those 3 minutes which resulted us in getting extra 7 minutes and was applauded by MHRD Minister,JNU & BHU Chancellor and AICTE Chairman after I finished presenting my idea. When the result was announced “ SUVANA” from MIT Muzaffarpur was the unbeaten WINNER of the National Exhibition and our project was selected as “TOP-5 START-UP PROJECTS OF INDIA”,and was awarded “ BEST INNOVATION AWARD” by Shri Ramesh Nishank Pokhriyal, MHRD Minister of India.

Later based on 3 min idea I was selected for “Start-up exposé to North Korea” . Before being called at AICTE Headquarter & JNU we received 6 lakhs as seed funding for my start-up for a small pitch in front of High-commission of UK, Canada and Korea.

All the credit to my success goes to our Principal, faculties and mentors especially Ashish Sir,the person whom I owe everything I have achieved till date.



3. SHUBHAM KUMAR

- Received an offer of mentorship and patent startup idea under Govt. of India for their Idea name- Productomart held on 23rd April 2019.
- Selected in top 30 under Bihar Startup Yatra 2018 for their Idea name-Leaf Bag held between 19-20 December 2018.
- Selected startup idea in top 15 team under embark -up event organised by startup cell mit Muzaffarpur and get offer a funding of 25, 000 thousand and idea patent for their Idea name-Foundation Date held on 1st August 2019.



4. RAHUL KUMAR

JHA

- Received an offer of mentorship and patent startup idea under Govt. of India for their Idea name- Productomart held on 23rd April 2019.
- Got selected in top 30 under bihar startup yatra 2018 for their Idea name-Leaf Bag held between 19-20 December 2018.



1. SMART INDIA HACKATHON-2019 (SOFTWARE EDITION).

- For the first time, a team of 6 students “NINJA-NOMADS@6” - Nitish Shrivastava (Team Leader), Nishi Anand, Amisha, Megha Sinha, Raima and Iffat Naaz from department of IT of the Institute participated in Grand Finale of SIH 2019 – Software Edition at JSS Academy, Noida on 2nd and 3rd March 2019. The SPoC/coordinator of SIH-2019 was Mr. Ashish Kumar, Assist. Prof., Dept. of IT, MIT Muzaffarpur. The mentors for the team were Ms. Suruchi Sinha, Software Development Engineer I, Expedia and Mr. Tyander Kumar, Lead Engineer, Samsung R&D Institute India-Delhi. The problem statement title was “My City Information Mobile App” and problem statement ID was “LS2” by Yamaha Motor Solutions India Pvt. Ltd.”. The team was among top 4 teams in Grand Finale of their category for the said problem statement.



2.SMART INDIA HACKATHON-2019 (HARDWARE EDITION).

- Team “SUVANA” having one of the students from Dept.of Information Technology-Ankit Jha participated in the Grand Finale of SIH 2019- Hardware Edition at Reva University, Bangalore held from 8th to 12th July 2019. The SPoC/Coordinator of SIH-2019 was Mr. Ashish Kumar, Assist. Prof.Dept. of IT, MIT Muzaffarpur.
- Mr. Umang Kejriwal, Founder & Director, Aptronix Technologies-Noida. The problem statement title was “Low cost residential flow meter” and problem statement ID was “MS1” by “HCL Technology Ltd.”. The team won the Grand Finale SIH-19 Hardware Edition of their category for the said problem statement.





CULTURAL ACTIVITIES



1. FRESHER'S 2019

“Under the stars, beneath the moon, it'll be a Christmas party you won't forget soon. A party for all so full of cheer, a room full of people we all hold dear”

With this tag line the students of 2017 batch whole heartedly welcomed their juniors of 2018 batch to bridge the gap and establish a strong bonding of mentoring, care, support and friendship.



2. TEACHER'S DAY

2019



“An Evening in the name of GURU”, we celebrated Teacher’s Day in the presence of our Dr.J.N Jha(Principal),Dr.Akshay Deepak(Assist.Prof.CSE,NIT Patna),Mr.Vijay Kumar(HOD Department of Information Technology),Mr.Ashish Kumar(Assist.Prof. Dept.of Information Technology) and other faculty members and students from 2016,2017,2018 batches.Our faculties and students took a pledge by planting saplings to keep our campus eco-friendly and greener.







SPORTS ACTIVITIES



UDGAM'19

- MIT Sports Council and MIT Sports Committee had successfully organised Udgam' 2019, 64th Annual Athletics Meet on 5th and 6th April 2019 after two decades students had participated in this tournament with great enthusiasm. The guests of the event were Dr. Amrendra Narayan Yadav, Vice Chancellor, Bhimrao Ambedkar University, Dr. R C Prasad, Principal, MCE Motihari & Mr. Mritunjay Kumar Singh. More than two hundred students had taken part in different track and field events and the Department of Information Technology stood third with 41points in the Athletics.
- Dr Nidhish kumar Singh, Mr Ravi Kumar and Mr. Ankit Kumar Singh had coordinated the programme and organised it in grand manner.



WINNERS

S.NO	NAME	BATCH	POSITION	EVENT
1.	KHUSHBU KUMARI	2015	1 st	LONG JUMP(GIRLS).
			2 nd	TRIPLE JUMP(GIRL).
			3 rd	400M RACE(GIRLS).
2.	RUBY KUMARI	2016	1 st	SHORTPUT(GIRLS).
			3 rd	3000M RACE(GIRLS).
3.	PRIYA BHARTI	2016	1 st	1500M RACE(GIRLS).
4.	SURBHI KUMARI	2017	1 st	800M RACE(GIRLS)
5.	NIVEDITA KUMARI	2017	3 rd	DISCUSS THROW(GIRLS).
6.	ANKIT JHA	2017	1 st	200M RACE(BOYS).
			2 nd	800M RACE(BOYS).
7.	ARVIND KUMAR	2017	3 rd	TRIPLE JUMP(BOYS).
8.	GAURAV KUMAR	2018	1 st	JAVELIN(BOYS).
9.	SHUBHANGI SHREYA	2018	2 nd	800M RACE(GIRLS).





LABS
&
INFRASTRUCTURE





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.



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

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















