MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA NATIONAL CONFERENCE 2018-19

2018-19

Topic - "Emerging trends in Engineering and Technology"

Broad Areas: Gen Engg, Civil Engg, Mechanical Engg, Computer Engg, Electronics and Communication Engg

Technical Experts: Dr. Surendra Asati (Civil Engg), Dr Sanjay Asati (Mech Engg), Prof. V. Bajpayee (Computer Engg), Prof. Amit Vishwakarma (E& C Engg.), MIET, Gondia

Faculty Convener: Dr. A.M. Deshpande, Prof Md. Naseer

Date & Time: 18th Mar 2019

Venue: Seminar Hall, and respective departments

No. of Participants -164 (32 Papers)

Publications: 32 publications presented in the conference have been published in (Vol. 4, No 5) the International Journal "International Journal of Innovations in Engineering and Science" ISSN: 2456-3463, www.ijies.net



About the institute

The institute was started in 2010 by the Gondia Education society (GES) whose founder Late Shri Manoharbhai Patel endeavored throughout his lifetime to bring education to the masses. His dream was to start Engineering College to impart technical education to younger generation of Gondia & Bhandara district with a vision for technical advancement of the region and towards contribution to the country. This was later materialized by his son, a philanthropist, Shri Praful Patel (Our Mentor) who actively leaded in cherishing the dream of his father. The Manoharbhai Patel Institute of Engineering & Technology, Bhandara covers 16 acres of land with full-fledged construction comprising of well equipped laboratories, classrooms, workshops, centralized as well as departmental level Computer Centers, Library, Training and Placement Cell, etc. within the campus. MIET has emerged as a one of the premier institute in Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur imparting engineering education to the masses of the region

With a student strength of 800 plus for total four departments of engineering, the efforts are directed to accommodate and address the expectations of each student by the way of enabling them to participate in the seminars, workshops organized in and out of the institute

The institute is also engaged in supporting the students to refine the necessary skills, attitudes and the aptitude towards the corporate placement process in the campus by the way of periodical competitive tests and group interaction exercises.

es and Objectives of the Conference

- The National conference on "Emerging Trends in Engineering and Technology" is the premier platform for presentation of new advances and research in various engineering fields.
- To provide an opportunity to the professionals, researchers, and academicians a common platform to discuss and interact in the core areas of engineering and establish network with researchers and industry experts.

Topics of Relevance

The focus will be on major areas of wide engineering branches

Civil Engineering:- Bridge/Highway Engineering, Construction Technology & Management, Disaster Prevention and Mitigation, Structural Engineering Environmental Management, Eco-Friendly Construction, Geotechnical Engineering, Hydraulics, Irrigation & Water Resources Engineering,

Mechanical Engineering: Automobile Engineering Heat Transfer, IC Engine, HVAC Engineering Mechanics, Green Manufacturing Corrosion and Reliability, Lean Manufacturing Advanced Welding Technology Design of Machine Element Mechanical Design of Robotics System Supply Chain Management Green Supply Chain Management Total Quality Management (TQM) Precision Fluid Power control Refrigeration and Air Conditioning

Computer Engineering:- Wireless Sensor Networks, MANETs. Computer Architecture and Real time Systems Database, Data Mining, reliable and autonomic computing Distributed and parallel system & algorithms DSP/Image, Processing/Pattern Recognition, software Game and software engineering, GIS/GNSS

nication Engineering:- Spin Electronics Devices, Artificial Hand Using Embedded System, Applications of Nanotechnology in Electronics, The Evolution and Improvement of the ARM Architecture, Digital-Optical and Satellite Communication, DSD, VLSI Technology Embedded System Design Microprocessor And Micro controller.

Applied Sciences:- Application of basic sciences such as Physics, Chemistry and Mathematics in Engineering and Technology Registration Fees

Engineering Faculty: Rs 1500/- each

UG Students per paper: Rs 1000/- each

PG/PhD researchers: Rs 600/-each

Please note that the payments of registration for this event should be made by cash/Demand Draft payable at Bhandara in favor of Principal, Manoharbhai Patel Institute of Engineering and logy, Bhandara.' Participants are required to make their own arraignments for lodging and boarding

rtant Dates and timing

Please submit the full length paper by 15th March 2019. Authors are required to present themselves by 11:00 AM on the conference date at the seminar hall of the college.

MANOHARBHAI PATEL INSTITUTE OF **ENGINEERING AND TECHNOLOGY** SHAHPUR, BHANDARA



NATIONAL CONFERENCE ON **EMERGING TRENDS IN ENGINEERING & TECHNOLOGY** 18" March 2019 Registration form

Name

Designation:	
Organisation:	
Mobile no:	
Email id:	
Registration fees:	
DD. No. and issuing Branch:-	

(Signature of applicant)

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Prof. Md. Naseer

Dept. of Civil Engg.

Dept. of E&C Engg.

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CALL FOR PAPERS

Prospective authors are kindly invited to submit full text papers on the broad scope of topics related to engineering and science mentioned above. The submitted articles should report previously unpublished research report or reveiew papers with suitable references. The authors who present papers will be provided with Certificate and CD having proceedings of the event. There shall be maximum four authors per paper. The selected papers after review will be published in International Journal of Innovations in Engineering and Science, ISSN: 2456-3463. Guidelines for the manuscript preparation and submissions are attached herewith and also available on journal website es.net. Authors should carefully go through journal guidelines and comply with publication requirements of the journal.



NATIONAL CONFERENCE ON

EMERGING TRENDS IN **ENGINEERING & TECHNOLOGY**

18" March 2019





MANOHARBHAI PATEL INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shahpur, Dist: Bhandara Maharashtra

Website: https://mietbhandara.ac.in Tel: 07184- 202531

आशिष नशिने : एमआईईटीमध्ये राष्ट्रीय चर्चासत्र

संशोधनाची भावना असणे गरजेचे

लोकमत न्यूज नेटवर्क

राहापूर : विद्यार्थ्यांनी संशोधनाची भावना जपानी व आपल्या संशोधनाचे उदिष्ट निश्चित करून आपण संशोधनाचे उदिष्ट निश्चित करून आपण संशोधन करणार असलेल्या प्रश्नावर याआधी कृणी संशोधन केले आहे का याचा आखावा घेणे गरुनेचे आहे. हा आखावा योग्य तस्त्रेने साध्य करता आला तर त्याच्याकरिता पुढील संशोधनाच्या चाटा आणखी मोकळ्या होतात व संशोधन न झालेल्या विभागावर लक्ष केंद्रित करून संशोधनाची उदिष्टचे करवा येतात, असे प्रतिपादन डॉ. आशिष निशने वांनी केले.

स्थानिक मनोहर भाई पटेल अभियात्रिकी महाविद्यालय शहापूर



मंचावर उपस्थित प्राचार्य निशने, डॉ. सुरेंद्र असाटी, डॉ. संजय असाटी, प्रा. अगित विश्यकर्मा,प्रा. विश्वजित वाजपेयी

येथे एक दिवसीय राष्ट्रीय चर्चा सत्राच्या आयोजनाच्या उद्घाटनप्रसंगी ते घोलत होते.

अभियांत्रिकी आणि तंत्रज्ञानातील नवीन संधी व शोध या विषयावर महाविद्यालयात राष्ट्रीय पातळीवरील चर्चांसत्राचे आयोजन करण्यात आले होते. कोणत्याही विषय संदर्भातील संशोधन करतांना ते साचेबध्द, नियोजनयध्द पध्दतशीर कसे करता येईल व संशोधनाची गोडी विद्याध्यांत निर्माण व्हावी हे उद्दिष्ट समोर ठवेंन विद्याध्यांच्या शोधनिबंधना एक व्यासपीठ उपलब्ध झाले. समारांचा उपहाटन महाविद्यालयाचे प्राचार्य डॉ. आरिल निशने हवांच्या हस्ते दिप प्रज्यलीत करुन करण्यात आले. व्यासपीठावर विषय तज्ञ म्हणून डॉ. सुरेंद्र असाटी, डॉ. संजय असाटी, प्रा. अमित विश्वकर्मा व प्रा. विश्वजीत वाजपेयी गोंदियातील पटेल अभियांत्रीकी महाविद्यालयाची चम् उपस्थित होती.

तीस विद्यार्थ्यांनी विविध विद्याशाखेतील शोधनिबंध सादर केले. प्रत्वेक विद्या शाखेतील एका उत्कृष्ठ शोध निबंधाला मान्यवराज्या हस्ते पदक व प्रमाणपत्र देउन गौरविण्यात आले. ग्रामीण परिवेशेतून आलेल्या विद्यार्थ्यांनी तथार केलेले शास्त्रशुष्ट्र गडिल्म पाहुन परीक्षकांनी आर्न्ट व्यक्त केला.

विद्यार्थ्यानी सादर केलेल्या शोधनिवंधाना आंतरगङ्गीय नियनकालीकांमध्ये प्रकाशित करण्याकरिता प्रकाशकांनी होकार दिला आहे, असे सांगण्यात आले.

चर्चासञासाठी समन्ययक डॉ अभिजीत देशपडि, प्रा. नासी यांनी काम पाहिले. कार्यक्रमासाठी प्रा. क्यील कोंकणे, डॉ. मनोज तिवारी, प्रा. पुजा चौहान, प्रा. हेमंत सांगोडकर, डॉ. गिरीश भिवगडे आदींचे सहकार्य लाभले.

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MANOHARBITAL PRIVEL INSTITUTE OF ENGINEERING AND TECHNOLOGY, SHI HAPUR, BRANDARA

Certificate

National Conference

EMERGING TRENDS IN ENGINEERING & TECHNOLOGY

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Prof. Md. Nacser Convene, MET, Standars Dr. A.M. Dreshpande Convene; WET, Standars Sr. A.L. Roshine Prespet MET Shandari







MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture Report

2018-19

Topic - "Importance of English for personality Development"

Speaker: Dr. Raheel Qureshi, Bhivapur Mahavidyalaya, Chandrapur

Faculty Co-ordinator: Prof. Shahid Sheikh

Date & Time: 01st Oct 2018 at 11.00AM

Venue: Seminar Hall

No. Of Participants -82 (4th 6th & 8th Sem Civil Engg Students)

A guest lecture on "Importance of English for personality Development" was organized on 01^{st} Oct 2018 by the Deptt of Civil Engg. The principal objective of the lecture was to make the students understand how to improve their spoken English and improvement of communication skills for the personality development. The speaker also gave tips related to how to face interviews.

Guest Profile:

Dr. Raheel Qureshi, is serving as Associate Professor in English at Bhivapur Mahavidyalaya, Chandrapur. He is teaching English to undergraduate and graduate students for more than 15 years and is also a research guide.





2.) Topic - "Concepts of Smart City"

Speaker: Er Avinash Gulhane Dy. Engineer, PWD, Nagpur

Faculty Co-ordinator: Prof. Shahid Sheikh

Date & Time: 28 Sep 2018 at 11.00AM

Venue: Seminar Hall

No. of Participants -75 (4th, 6th & 8th Sem Civil Engg Students)

A guest lecture on "Concepts of Smart City" was organized on 28 Sep 2018 by the Deptt of Civil Engg. The speaker first explained the basic concepts on how a smart city is developed, its importance in present and future scenario. Different components of infrastructure related to smart city were presented. A Case study on how to develop master plan of smart city was also explained. Finally he also guided and motivated the students regarding preparation for competitive exams.

Guest Profile:

Er Avinash Gulhane is working as a Dy. Engineer, PWD, Nagpur. He has extensive experience in project planning, design and supervision of major Civil infrastructure projects of Maharashtra Government for more than 20 Years.









DEPARTMENT OF CIVIL ENGINEERING

Workshops/ Training Program

2018-19

Topic – "National Workshop (ROBOKART) on "Application of E-Tabs and STAD-PRO-I for Design of Structures" (In association with IIT Bombay Innovation Cell)

Resource Person: Mr. Chandan Prakash Chaudhary

Faculty Co-ordinator: Prof. Pranay Lanjewar,

Student Coordinator: Tushar Kapgate

Date & Time: 08th to 12th Oct 2018 (5 days)

Venue: Computer Lab, Computer Engg Dept, MIET, Bhandara

No. of Participants -44 (6th & 8th Sem Civil Engg Students)















DEPARTMENT OF CIVIL ENGINEERING

Workshops/ Training Program

2018-19

Topic - "Training Program on "Auto- CAD"

Training program implemented under skill development courses by Govt of India through Central Institute of Vocational and Technical Education mentored by local NGO body Yuva Rural Association, Bhandara

Faculty Co-ordinator & Resorce Person: Prof. Pranay Lanjewar & Prof. Dyaneshwar Lanjewar, Deptt of Civil Engineering, MIET, Bhandara

Date & Time: 07th March 2019 to 07th May 2019 (3 Months)

Venue: Computer Engg Deptt. Lab, Administrative Building, MIET, Bhandara

No. of Participants - 100 (2 batchs of 50 Students each) (6th & 8th Sem Civil Engg Students)





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Patel Institute of Engg. &
Tach. Shahapur, Bhandars

DEPARTMENT OF CIVIL ENGINEERING

Workshops/ Training Program

2018-19

Topic – 3 days Workshop on "**Entrepreneurship Awareness Camp**" conducted at MIET, Shahpur Bhandara, in coordination with Maharashtra Centre for Entrepreneurship Development (MCED), Govt of Maharashtra, and sponsored by Dept of Science and Technology (National science and Technology Entrepreneurship Development board (NSTEDB), Govt of India New Delhi

Resource Person: Mr. Chandan Prakash Chaudhary

Faculty Co-ordinator: Prof. Shahid Sheikh

Date & Time: 07th to 09th Aug 2018 (3 days) Venue: Seminar Hall, MIET, Bhandara

No. of Participants -63 (All Branches B.E Students)

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PROPOSED SEHEDULE FOR ENTREPRENEURSHIP AWARENESS CAMP

Vinue: Mancharbhai Patel Institute of Engineering and Technology. Shahapur, Bhandara Sponsored by: Dept. of Science & Technology, GOI, New Delhi

Organised by: Maharashtra Centre for Entrepreneurship Development,

		Duration	Bhandara : 07.08.18 to 09.08.18	
Date			. 07.08.18 10 07.08.18	
Cate	Session	Time	Topic	Faculty/Guest
07.08.18 (Tuesday)		11.30 am to 12.00 pm	Inauguration	Prof. A.L. Nashine, Principal, Prof. Shahid Sheikh, Mr. Alok Mishra, R.O., V.P. Tondre Project Off, MCED Bhandara
	1	12.00 pm to 01.15 pm	Concept of Entrepreneurship & Entrepreneurial Competencies	Mr. Shubhang Gore Guest Faculty, Nagpur
	2	01.30 pm to 02.45 pm	Identification of Business Opportunities & Mechanism of Product Selection	
	3	03.15 pm to 04.30 pm	Communication Skills for better results in business	
	4	04.30 pm to 05.45 pm	Role of Support Agencies for Development of Entrepreneur	Prog. Goordinator, MCED
08.08.18 (Wednesday)	1	11.00 am to 12.15 pm	Transforming self in to a Successful person	Vaibhav Pande Guest Faculty, Aurangabad
	2	12.30 pm to 02.00 pm	Creativity & Business- The man behind the venture- the behavioural scientist's approach	Upal Sinha Guest Faculty, Nagpur
	3	2.30 pm to 04.00 pm	Financial aspects of SSI unit including salient features of a project report	
	4	04.05 pm to 05.30 pm	Market Assessment & Feasibility	
09.08.18 (Thursday)	1	11.00 am to 12.15 pm	/ Goal Setting & Time Management	V.P.Tondre Project Officer, MCED, Bhandara
	2	12.30 pm to 02.00 pm	Experience sharing by Successful Entrepreneur	Mr. Pankaj Sarda (\$\mathcal{B}\) Entrepreneur, Bhandara
	3	2.30 pm to 04.00 pm	Factory visit & experience sharing by existing entrepreneurs	Prog. Coordinator, MCED
	4	04.05 pm to 05.30 pm	Feedback & discussion on the camp, Valedictory	Prof. A.L. Nashine, Principal Prof. Shahid Sheikh, V.P.Tondre Project Off. MCED Bhandara





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Tech., Shahapur, Shandar

MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA DEPARTMENT OF MECHANICAL ENGINEERING

Guest Lecture Report

Topic - Combustion: Fundamentals and Applications

Speaker: Dr. Satish K. Bhele, KITS Ramtek

Faculty Co-ordinator: Prof. Girish Bhiogade & Prof. Suraj Soni

Date & Time: 25th Jan 2019 at 11.00AM

Venue: Seminar Hall

No. Of Participants -80

A guest lecture on "Combustion: Fundamentals and Applications" was held on 25th Jan 2019. The guest lecture has been organized by the department of Mechanical Engineering to provide the students with an opportunity to get a head start in Combustion in I.C. Engine, which is an emerging technology in the field of Mechanical Engineering.

Guest Profile:

Dr. Satish K. Bhele is serving as Associate Professor in the Mechanical Engineering Dept. At KITS Ramtek with 21 years of experience in the field of Mechanical Engineering.

BRIEF REPORT OF THE ACTIVITY:

The students of 6th semester & 8th semester of mechanical engineering under the supervision of Prof. G. Bhiogade & Prof. S.. Soni participated in a guest lecture on the topic of "Combustion in I.C. Engine.

Through the Lecture the students understood the various concepts and enhanced technology & the problems facing with present technology used in the field of Combustion in I.C. Engine.

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Prof. G. Bhiogade welcomes the Dr. S. K. Bhele



Dr. S. K. Bhele Addressing the Students





Invitation Letter to Dr. Bhele

Principal

M. Patel institute of Engg. &
Tech., Shahapur, Bharala

MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Guest Lecture Report

2018-19

Topic – "Technology Trends Today & Jobs Available for Engineers "in Electronics & Communication and Computer Engineering Department"

Speaker: P. M. Wasu, Director CMS IT Services, Nagpur

Faculty Co-ordinator: Prof. Ashwini Lade

Date & Time: 23rd Feb 2019 at 12.00PM

Venue: Seminar Hall

No. Of Participants -49 (6th & 8th Sem Electronics Engg Students)

A guest lecture on "Technology Trends Today & Jobs Available for Engineers "in Electronics & Communication and Computer Engineering Department" was organized on 23rd Feb 2019 by the Dept. of Electronics & Communication Engg. The principal objective of the lecture was to make the students to understand how to get a job in various industry by doing some software & Network technology courses. He also guided and motivated the students regarding preparation for interviews.

Guest Profile:

P. M. Wasu, is serving as Director in CMS IT Services, Nagpur. He is teaching Various Software technology & Network technology to undergraduate and graduate students for more than 15 years.









M. Petel Institute of Enge. A. Tech., Shahapur, Bhandan

MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA DEPARTMENT OF COMPUTER ENGINEERING

Guest Lecture Report

2018-19

1) Topic - "Ethical Hacking & Network Security"

Speaker: Mr. Manoj Rai

Faculty Coordinator: Prof. Shirish Singnapure

Date & Time: 30 Aug 2018 at 11.00AM

Venue: Seminar Hall

No. of Participants -110 (4th, 6th & 8th Sem Comp. Engg Students)

A guest lecture on "Ethical Hacking & Network Security" was organized on 30 Aug 2018 by the Deptt of Computer Engineering the main aim of this guest lecture was to aware students about Ethical Hacking and Network Security.

Guest Profile:

Mr. Manoj Rai, He has been a part of the computer industry for more than 12 years. He is a graduate of Purvanchal University & spent more than Eleven years as a consultant, and trainer. His company, Networks Hub & MR Computer specializes in boosting the productivity of IT professionals. Mr. Manoj Rai has many Global Certificates. His Certificates include Microsoft Certified Professional (MCP), Microsoft Certified System Administrator (MCSA), Microsoft Certified System Administrator in Messaging (MCSAM), Microsoft Certified System Engineer (MCSE), Microsoft Certified Technology Specialist (MCTS), Microsoft Certified Trainer (MCT), Cisco Certified Network Associate (CCNA) and Cisco Certified Network Professional (CCNP).



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Tech., Shahapur, Bhandara



2) Topic - "Recent Trends on Mobile Computing And Android"

Speaker: Prof. Rohit Jasudkar

Faculty Coordinator: Prof. Nitesh Hatwar

Date & Time: 28th Feb 2019 at 11.00AM

Venue: Seminar Hall

No. Of Participants -81 (6th & 8th SEM Comp Engg & IT Students)

A guest lecture on "Recent Trends on Mobile Computing And Android" was organized on 28th Feb 2019 by the Department of Comp Engg. The main objective of the guest lecture was to aware the students of Comp Engg/IT regarding the new research in android technology and scope in IT sector.

Guest Profile:

Prof. Rohit Jasudkar is serving as Assistant Professor in IT at PIET, Nagpur. He has 3 Year of Teaching experience and teaching various subject of IT Branch.





MANOHARBHAI PATEL INSTITUTE OF ENGINEERING & TECHNOLOGY BHANDARA

Project Exhibition

2018-19

To create research culture and guide the students thought process towards innovation, a Project Exhibition was held at the institute. Students of 3rd and mainly final year participated in the event along with their projects

Faculty Co-ordinators: Dr. A.M. Deshpande (civil engg.), Prof. Md. Naseer (E& C engg)

Date & Time: 18th March 2019

Venue: Library Reading hall, workshop Mech Engg, MIET, Bhandara

No. of Participants - 20 No of Projects







