

B K Birla Institute of Engineering & Technology, Pilani

Institutional programme brochure/ notice for Certificate/ Value added programs with course modules and outcomes

2022-23

1. Technical specification of electric motor, low voltage control panel and PLC Automation (genie NX, MICROLOGIX-1000)

Birla Professional Training & Research Centre (BPTRC)

Kind Attn: II Year and III Year (B.Tech) EE/EC/ME Students

Summer Training: For Second Year Students July 5-31, 2022

For Third Year Students July 5-August 15, 2022

Birla Professional Training & Research Centre (BPTRC) provides training and guidance in the fields of Electrical Engineering to under graduate students. It makes them industry ready by giving exposure to scientific research & comprehensive learning for overall development.

Contents of training are designed in view of present employer and their recruitment policies and essential recruitment of the multi-national companies for the Post of Electrical Engineer in India & Abroad.

Contents for Summer Training (45 Days):

Module 1: Basic Fundamentals of Electrical

(7 Days)

Basics of Electricity & various departments, Importance of department of electrical power, Types of Generators: Stator Loaded and Rotor Loaded. Concept of earthing for electricity, various effect of electricity i.e. Magnetic, Chemical and Heating effect and ELCB (Earth Leakage Circuit Breaker) operation and its installation, Introduction of Electric Motor.

Module 2: Electric Motor and Low Voltage Control panel

(10 Days)

Electric Motor: Technical Specification & types, Low voltage control panel: Starting methods of induction Motor i.e. Low Voltage Control panel based Star- Delta starting Method, Auto Transformer Method, and Rotor resistance method. Electrical Circuit Drawing to repair the Indication Machine, Concept of Interlocking, HRC Fuse, Types of Circuit Breaker and their protection.

Module 3: Programmable Logic Controller (PLC)

(28 Days)

PLC (Programmable Logic Controller): Hands-on experience on Genie-NX and Allen Bradley (Micrologix 1000 and Micro 830 PLC).

Fee Structure

Category	Registration Fee	Training Fee	TOTAL FEE
BKBIETians (II Year students)	-	1200/-	1200/-
BKBIETians (III Year students)	-	2000/-	2000/-
Non-BKBIETians	500/-	2000/-	2500/-

Interested Students are requested to register by depositing fee at cash counter before July 4, 2022

Course Coordinator: Mr. Anuj Sharma

(Convener, BPTRC Activities)

(Principal Academics)

(Director)

DIRECTOR
BK Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan), INDIA

2. IoT-based Workshop in collaboration with IIT Madras



E CELL BKBBIET
PRESENTS

Grand Workshop On
Internet Of Things(IOT)
in collaboration with
IIT MADRAS

Scan to Resgister



Date & Venue

21
JANUARY
1 PM TO 4 PM
BPTRC HALL


DIRECTOR
BK B Institute of Engineering & Technology
PLANI-333031 (Rajasthan) INDIA



E CELL BKBBIET
IN COLLABORATION WITH
IIT MADRAS
PRESENTS

IOTCON
A HANDS ON WORKSHOP
ON
IOT (INTERNET OF THINGS)




DIRECTOR
BK B Institute of Engineering & Technology
PLANI-333031 (Rajasthan) INDIA



3-day VLSI workshop for BKBIET students

Organized a 3-day workshop on Very Large-Scale Integration (VLSI) Circuits in collaboration with E-Cell, BKBIET. The objective of the workshop is to provide a platform to the students to learn about the latest advancements in VLSI technology and implementation of digital circuits and to enhance their knowledge of VLSI circuits and learn from industry experts. The workshop will be a great opportunity for the students to gain hands-on experience with VLSI circuits and learn from industry experts. The inaugural day of the workshop was attended by more than 70 students and the chief guest speaker was ETB Samuel Jigme Harrison, a senior IEEE member and professional speaker with over 12 years of experience working with semiconductor and VLSI circuits. Workshop conducted by H. O.D. Dr. Santosh Jangid and Assistant Professor Sanjay Kumar Saini of ECE Department did it. The workshop was conducted by the student coordinators Manjit Agarwal, Praveen Saini and Utkarsh Payal along with the entire e-cell BKBIET team. The workshop covered topics like Basics of VLSI Circuits, Digital Design, Layout Design, Verification and Testing. This grand workshop on Entrepreneurship was organized by Director Dr. S.M. Prasanna Kumar, KK Pareek of GM Commercial and under the guidance of Dr. Anil Kumar Sharma and Principal.

3 दिवसीय वीएलएसआई कार्यशाला का आयोजन

पिलानी (ललित कृष्णदत्तवाल) - वीकेबीआईईटी में वीएलएसआई सर्किट पर 3-दिवसीय कार्यशाला का आयोजन किया गया। कार्यशाला का उद्देश्य छात्रों को वीएलएसआई प्रौद्योगिकी में नवीनतम प्रगति और डिजिटल सर्किट के कार्यान्वयन के बारे में जानकारी के लिए एक मंच प्रदान करना है। कार्यशाला छात्रों के लिए वीएलएसआई सर्किट के साथ व्यावहारिक अनुभव हासिल करने और उद्योग के विशेषज्ञों से सीखने का एक शानदार अवसर होगा। कार्यशाला के उद्घाटन दिवस पर 70 से अधिक छात्रों ने भाग लिया और मुख्य अतिथि वक्ता ईटीबी समुदाय निगम हैरिसन थे, जो के एक वरिष्ठ सदस्य और पेशेवर वक्ता हैं, जिसके पास 12 से अधिक वर्षों का अनुभव है। कार्यशाला का संचालन प्रोफेसर संतोश जंगिद और सहायक प्रोफेसर संजय कुमार सैनी ने किया। कार्यशाला का संचालन मंजित अगारवाल, प्रवीण सैनी और उत्कर्ष पायल जैसे छात्रों ने किया। कार्यशाला का उद्घाटन दिवस पर 70 से अधिक छात्रों ने भाग लिया और मुख्य अतिथि वक्ता ईटीबी समुदाय निगम हैरिसन थे, जो के एक वरिष्ठ सदस्य और पेशेवर वक्ता हैं, जिसके पास 12 से अधिक वर्षों का अनुभव है।

पत्रिका

वीकेबीआईईटी में वीएलएसआई पर कार्यशाला पिलानी, वीकेबीआईईटी में वीएलएसआई सर्किट पर तीन दिवसीय कार्यशाला का आयोजन हुआ। कार्यशाला का उद्देश्य छात्रों को वीएलएसआई प्रौद्योगिकी में नवीनतम प्रगति और डिजिटल सर्किट के कार्यान्वयन से जुड़ी जानकारी देना था। कार्यशाला में महाविद्यालय के विद्यार्थियों ने भाग लिया। कार्यशाला में आईईईटी के सदस्य समुदाय निगम हैरिसन मुख्य अतिथि थे। उन्होंने सेमीकंडक्टर और वीएलएसआई सर्किट में जुड़े अपने अनुभव सांझा किए। कार्यशाला का संचालन करते हुए डॉ. संतोश जंगिद एवं सहायक प्रोफेसर संजय कुमार सैनी ने कार्यशाला के आयोजन में जुड़ी जानकारी दी। कार्यशाला में वीएलएसआई सर्किट की मूल बातें, डिजिटल डिजाइन, सेअउट डिजाइन, सत्यापन और परीक्षण आदि विषयों से जुड़ी जानकारी दी गई। कार्यक्रम में महाविद्यालय निदेशक डॉ. एस.एम. प्रसाद कुमार, वीएलएसआई के के प्रोफेसर तथा प्रिंसिपल डॉ. अनिल कुमार शर्मा ने भी अपने अनुभव सांझा किए।

वीकेबीआईईटी छात्रों के लिए 3-दिवसीय वीएलएसआई कार्यशाला

पिलानी (ललित कृष्णदत्तवाल) - वीकेबीआईईटी में वीएलएसआई सर्किट पर 3-दिवसीय कार्यशाला का आयोजन किया गया। कार्यशाला का उद्देश्य छात्रों को वीएलएसआई प्रौद्योगिकी में नवीनतम प्रगति और डिजिटल सर्किट के कार्यान्वयन के बारे में जानकारी के लिए एक मंच प्रदान करना है। कार्यशाला छात्रों के लिए वीएलएसआई सर्किट के साथ व्यावहारिक अनुभव हासिल करने और उद्योग के विशेषज्ञों से सीखने का एक शानदार अवसर होगा। कार्यशाला के उद्घाटन दिवस पर 70 से अधिक छात्रों ने भाग लिया और मुख्य अतिथि वक्ता ईटीबी समुदाय निगम हैरिसन थे, जो के एक वरिष्ठ सदस्य और पेशेवर वक्ता हैं, जिसके पास 12 से अधिक वर्षों का अनुभव है। कार्यशाला का संचालन प्रोफेसर संतोश जंगिद और सहायक प्रोफेसर संजय कुमार सैनी ने किया। कार्यशाला का संचालन मंजित अगारवाल, प्रवीण सैनी और उत्कर्ष पायल जैसे छात्रों ने किया। कार्यशाला का उद्घाटन दिवस पर 70 से अधिक छात्रों ने भाग लिया और मुख्य अतिथि वक्ता ईटीबी समुदाय निगम हैरिसन थे, जो के एक वरिष्ठ सदस्य और पेशेवर वक्ता हैं, जिसके पास 12 से अधिक वर्षों का अनुभव है।

वीकेबीआईईटी छात्रों के लिए 3-दिवसीय वीएलएसआई कार्यशाला

वीकेबीआईईटी के ई-सेल के सहयोग से बेटी लाज-स्केल इंटीग्रेशन (वीएलएसआई) सर्किट पर 3-दिवसीय कार्यशाला का आयोजन किया गया। कार्यशाला का उद्देश्य छात्रों को वीएलएसआई प्रौद्योगिकी में नवीनतम प्रगति और डिजिटल सर्किट के कार्यान्वयन से जुड़ी जानकारी देना था। कार्यशाला में महाविद्यालय के विद्यार्थियों ने भाग लिया। कार्यशाला में आईईईटी के सदस्य समुदाय निगम हैरिसन मुख्य अतिथि थे। उन्होंने सेमीकंडक्टर और वीएलएसआई सर्किट में जुड़े अपने अनुभव सांझा किए। कार्यशाला का संचालन करते हुए डॉ. संतोश जंगिद एवं सहायक प्रोफेसर संजय कुमार सैनी ने कार्यशाला के आयोजन में जुड़ी जानकारी दी। कार्यशाला में वीएलएसआई सर्किट की मूल बातें, डिजिटल डिजाइन, सेअउट डिजाइन, सत्यापन और परीक्षण आदि विषयों से जुड़ी जानकारी दी गई। कार्यक्रम में महाविद्यालय निदेशक डॉ. एस.एम. प्रसाद कुमार, वीएलएसआई के के प्रोफेसर तथा प्रिंसिपल डॉ. अनिल कुमार शर्मा ने भी अपने अनुभव सांझा किए।

[Signature]
DIRECTOR
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PILANI-333031 (Rajasthan), INDIA

4. Web development workshop



Web development workshop

A two-day web development workshop was organized by the Computer Science and Engineering Branch at BKBIET Pilani. Through this workshop, the students were made aware of the basics of the subject of website development.

Websites are very important in this era of internet. Even the smallest information is available on many websites of the Internet today. From news to business, everything has gone online in today's time. In this modern era, students should know how to make websites so that they can keep pace with the changing times and be able to use new technology.

In this two-day workshop, students were taught HTML, JavaScript or CSS and were made aware of the techniques to use them.

The workshop was conducted by Aditya Sharma and Kanika Parashar, second year students of BKBIET under Google Developer Student Clubs BKBIET. This workshop was organized under the supervision of Dr. Nimish Kumar, Head of Computer Science Department and Assistant Professor Himanshu Verma. Dr. Prasanna Kumar, Director, BKBIET, K. Pareek and Principal, GM Commercial, Dr. Anil Kumar Sharma praised it.

वेब डेवलपमेंट वर्कशॉप आयोजित

पिलानी (सीमा सन्देश सं)।
 सीकेबीआईटी पिलानी में कंप्यूटर साइंस एंड इंजीनियरिंग ब्रांच द्वारा दो दिवसीय वेब डेवलपमेंट वर्कशॉप का आयोजन हुआ। इस वर्कशॉप के द्वारा विद्यार्थियों को वेबसाइट डेवलपमेंट के विषय की मूल बातों से अवगत कराया गया इंटरनेट के इस दौर में वेबसाइट्स का बहुत महत्व है। छोटी से छोटी जानकारी आज इंटरनेट को अनिर्वाह वेबसाइट्स पर उपलब्ध है। समाचार से लेकर व्यापार, सब कुछ आज के समय में ऑनलाइन हो चुका है। इस आधुनिक दौर में विद्यार्थियों को वेबसाइट्स बनाना आना चाहिए जिस से वे बदलते समय के साथ चला सकें और नई टेक्नोलॉजी का प्रयोग करने में सक्षम हो सकें। दो दिनों की इस वर्कशॉप में विद्यार्थियों को एचटीएमएल, जावास्क्रिप्ट अथवा सीएसएस सिखाई गईं और इनके प्रयोग की तकनीक से अवगत कराया गया इस वर्कशॉप का प्रसिध्दय सीकेबीआईटी के द्वितीय वर्ष के विद्यार्थियों अदित्य शर्मा एवं करिष्मा पराशर द्वारा मंगल डेवलपमेंट स्टूडेंट क्लब्स सीकेबीआईटी के अंतर्गत किया गया। कंप्यूटर साइंस विभाग के प्रमुख डॉ. निमिश कुमार और असिस्टेंट प्रोफेसर हिमांशु वर्मा के निरीक्षण में इस वर्कशॉप का आयोजन हुआ। सीकेबीआईटी के निदेशक डॉ. प्रसन्ना कुमार, जी. म. कार्मलियल के के. पारिक एवं प्रिंसिपल डॉ. अनिल कुमार शर्मा ने इसकी प्रशंसा की।

वेब डेवलपमेंट वर्कशॉप का आयोजन

वेबसाइट डेवलपमेंट के विषय की मूल बातों से अवगत कराया

डेवलपमेंट के विषय की मूल बातों से अवगत कराया गया। इंटरनेट के इस दौर में वेबसाइट्स का बहुत महत्व है। छोटी से छोटी जानकारी आज इंटरनेट को अनिर्वाह वेबसाइट्स पर उपलब्ध है। समाचार से लेकर व्यापार, सब कुछ आज के समय में ऑनलाइन हो चुका है। इस आधुनिक दौर में विद्यार्थियों को वेबसाइट्स बनाना आना चाहिए जिस से वे बदलते समय के साथ चला सकें और नई टेक्नोलॉजी का प्रयोग करने में सक्षम हो सकें।

पिलानी (समाचार सं)।
 सीकेबीआईटी पिलानी में कंप्यूटर साइंस एंड इंजीनियरिंग ब्रांच द्वारा दो दिवसीय वेब डेवलपमेंट वर्कशॉप का आयोजन हुआ। इस वर्कशॉप के द्वारा विद्यार्थियों को वेबसाइट डेवलपमेंट के विषय की मूल बातों से अवगत कराया गया इंटरनेट के इस दौर में वेबसाइट्स का बहुत महत्व है। छोटी से छोटी जानकारी आज इंटरनेट को अनिर्वाह वेबसाइट्स पर उपलब्ध है। समाचार से लेकर व्यापार, सब कुछ आज के समय में ऑनलाइन हो चुका है। इस आधुनिक दौर में विद्यार्थियों को वेबसाइट्स बनाना आना चाहिए जिस से वे बदलते समय के साथ चला सकें और नई टेक्नोलॉजी का प्रयोग करने में सक्षम हो सकें।

DIRECTOR
 BK Birla Institute of Engineering & Technology
 PILANI-333031 (Rajasthan), INDIA

5. [GitHub and open-source workshop](#)

GitHub and Open-Source Workshop



The NSCC-BKBIET is conducting a 3-day workshop on GITHUB and OPEN-SOURCE CONTRIBUTION. The workshop aims to provide students with a deep understanding of Github and open-source contribution.

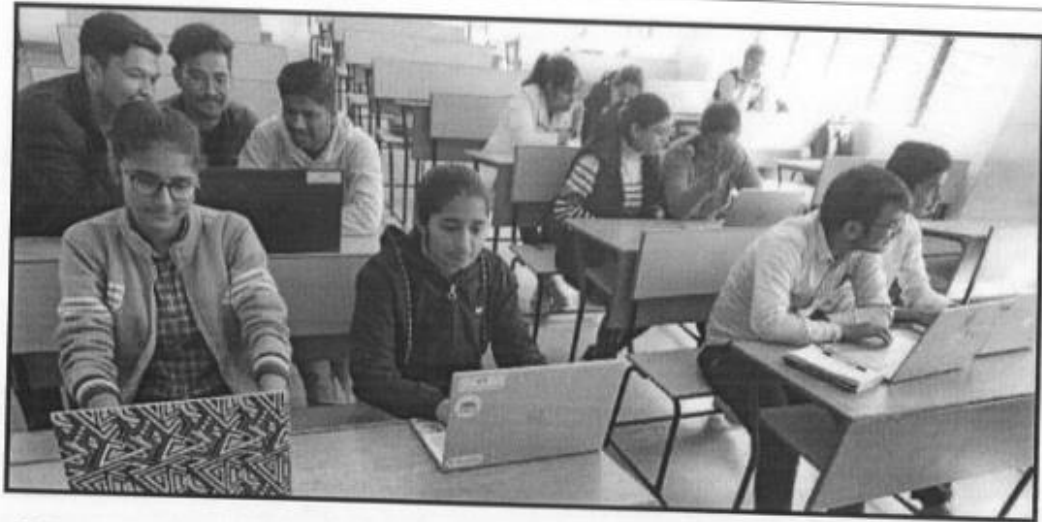
The Guest Speaker of this workshop is Mr. Praveen Kumar Purushothaman who is a software developer having specialization in Web App development and open source development with over 12 years of industry experience.

The workshop was being coordinated by Dr. Vipin Saraogi, faculty coordinator and Dr. Nimish Kumar, H.O.D of CS Department, with the support of Director Dr S.M Prasanna Kumar, G.M. Commercial Mr. K.K. Pareek, and Principal Dr. Anil Kumar Sharma.

The workshop, conducted by the student coordinators Utkarsh Payal, Manjeet Agarwal, Sneha Singh, Sneha Vyas, Ankit Kulhari, Aditya Malik along with the entire NSCC-BKBIET team.

On its first day, many students joined the online session. Dr. Nimish Kumar further added that students are actively participating in such workshops to develop their practical knowledge, and showed his gratitude to the respected speaker.


DIRECTOR
BKBIET Institute of Engineering & Technology
PILANI 333031, Rajasthan, INDIA



GitHub and open-source workshops organized

A 3-day workshop on GitHub and open-source contributions was organized by NSCC-BKBIET under the chairmanship of Dr. Nimish Kumar, Head, Department of Computer Science and Engineering at BKBIET Campus, Pilani. Program in-charge Vipin Saraogi said that the objective of the workshop was to provide students with a deeper understanding of GitHub and open-source. GitHub is an open-source platform that provides a platform for developers to collaborate on projects, code, and share knowledge. The guest speaker at the workshop was Mr. Praveen Kumar Purushothaman, a software developer, who presented his views to help understand the nuances of contributing to an open-source project.

BKBIET Director Dr. Prasanna Kumar, GM Commercial K. Pareek and Principal Dr. Anil Kumar Sharma praised it and extended their best wishes to the students. The student coordinators of this workshop were Utkarsh Payal, Manjit Aggarwal, Sneha Singh, Sneha Vyas, Ankit Kumar, Aditya Malik.

दैनिक भास्कर चिड़ावा भास्कर 14-04-2023

गिटहब व ओपन-सोर्स वर्कशॉप का हुआ आयोजन

दिल्ली। कोडोप्रीआईटी परिवार में कंप्यूटर साइंस एंड इंजीनियरिंग विभाग के प्रमुख डॉ. निमिश कुमार की अध्यक्षता में एकदिवसीय कोडोप्रीआईटी द्वारा गिटहब और ओपन-सोर्स कंट्रीब्यूशन पर तीन दिवसीय कार्यशाला का आयोजन किया गया। कार्यक्रम प्रभारी विपिन साराओगी ने कहा कि कार्यशाला का उद्देश्य छात्रों को गिटहब और ओपन-सोर्स की सही समझ प्रदान करना था। गिटहब एक ओपन-सोर्स प्लेटफॉर्म है जो डेवलपर्स को कोड्स को साझा करने, ब्रांड करने और इन को सही ढंग से प्रदान करता है। इस कार्यशाला के अतिथि वक्ता सॉफ्टवेयर डेवलपर प्रवीण कुमार साराओगी थे। उन्होंने ओपन-सोर्स कोडोप्रीआईटी परिवार की कार्यशालाओं को समझाने में मदद करने के लिए अपने विचार प्रस्तुत किए। कोडोप्रीआईटी निदेशक डॉ. प्रशांत कुमार, सी एस कन्वोकेशन के चरित एन सिंघान डॉ. अनिल कुमार शर्मा ने विद्यार्थियों को अपने शुभकामनाएं दीं। इस कार्यक्रम के प्रायः सम्बन्धक उत्कर्ष पायल, मंजित अगारवाल, स्नेहा सिंह, स्नेहा व्यास, अंकित कुमार, अदिति मलिक शामिल हुए।

सीमा सन्देश जयपुर, शुक्रवार 14 अप्रैल 2023

» न्यूज-ब्रीफ

गिटहब एवं ओपन-सोर्स वर्कशॉप का आयोजन

दिल्ली। कोडोप्रीआईटी परिवार में कंप्यूटर साइंस एंड इंजीनियरिंग विभाग के प्रमुख डॉ. निमिश कुमार की अध्यक्षता में एकदिवसीय कोडोप्रीआईटी द्वारा गिटहब और ओपन-सोर्स कंट्रीब्यूशन पर 3-दिवसीय कार्यशाला का आयोजन किया गया। कार्यक्रम प्रभारी विपिन साराओगी ने बताया कि कार्यशाला का उद्देश्य छात्रों को गिटहब और ओपन-सोर्स की सही समझ प्रदान करना था। गिटहब एक ओपन-सोर्स प्लेटफॉर्म है जो डेवलपर्स को कोड्स को साझा करने, ब्रांड करने और इन को सही ढंग से प्रदान करता है। इस कार्यशाला के अतिथि वक्ता सॉफ्टवेयर डेवलपर श्री प्रवीण कुमार साराओगी थे, उन्होंने ओपन-सोर्स कोडोप्रीआईटी परिवार की कार्यशालाओं को समझाने में मदद करने के लिए अपने विचार प्रस्तुत किए। कोडोप्रीआईटी निदेशक डॉ. प्रशांत कुमार, सी एस कन्वोकेशन के चरित एन सिंघान डॉ. अनिल कुमार शर्मा ने विद्यार्थियों को अपने शुभकामनाएं दीं। इस कार्यक्रम के प्रायः सम्बन्धक उत्कर्ष पायल, मंजित अगारवाल, स्नेहा सिंह, स्नेहा व्यास, अंकित कुमार, अदिति मलिक शामिल हुए।

(Signature)
 DIRECTOR
 BK Birla Institute of Engineering & Technology
 PILANI-333031 (Rajasthan) INDIA

2021-22

1. VLSI Training- Truechip

Memorandum of Understanding

This Memorandum of Understanding (MoU) executed on 30th, 2020, between B K Birla Institute of Engineering & Technology, Pilani college of Engineering, (herein after referred to as "BKBIT" or "University Partner" or "Partner" which expressions shall mean and include, unless repugnant to the context or meaning there of its successors-in-interest and permitted assigns) a State Private University Constituted vide the BKBIT, Ceeri Rd, Distt, Pilani, Rajasthan 333031, as the First Party in this MoU

AND

Truechip Solutions Pvt. Ltd. (here in after referred to "Truechip" which expressions shall mean and include, unless repugnant to the context or meaning there of its successors-in-interest and permitted assigns), a leading provider of Design and Verification solutions – which help you, accelerate your design, lowering the cost and the risks associated with the development of your ASIC, FPGA and SOC, with registered office located at D-25, 1st Floor, Lajpat Nagar – II, New Delhi – 1100 24, INDIA, as a party of the second part

AND

Future Tech Wizards LLP (hereinafter referred to as "FutureWiz" which expressions shall mean and include, unless repugnant to the context or meaning there of its successors-in-interest and permitted assigns), is a leading provider of training (in VLSI) and design services, with its design center located at D-67, 1st floor, Sector 2, Noida, UP – 201301, INDIA, as a party of the third part.

Whereas **PARTNER** is a university, providing degree and diploma courses to students.

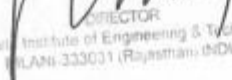
Whereas **FutureWiz** provides trainings (to students and corporates) and design services.

Whereas **Truechip** is engaged in providing Verification IP licenses and design services.

PARTNER, Truechip and FutureWiz would individually be termed as a "Party" and collectively be termed as "Parties".

Whereas **Truechip, FutureWiz and PARTNER** have agreed to collaborate together towards developing skilled man power and imparting VLSI training to students as per terms and conditions hereunder:

1. Effective Date: This MoU shall be deemed to be in effect from 21st April, 2021 (hereinafter "Effective Date")
2. As part of this MoU, **Truechip & FutureWiz** will offer VLSI training to students doing engineering Degree at **PARTNER**.
3. The students will enroll for the VLSI Training and pay full applicable fees to **FutureWiz** as per agreed commercial proposal.
4. Eligible students who are enrolled in the course, after successful completion of the training course (consisting of 20 modules) and fulfilment of the terms and conditions of the Course, will be provided placement opportunities in VLSI/ EDA/ Semiconductor companies after successful completion of their engineering course (meeting the eligibility criteria). Such students will also have to go through written tests and/ or interviews as will be scheduled by **FutureWiz** for their placement.
5. All students who successfully complete the training course (of 20 modules), will be issued certificates of such course completion.
6. Advance VLSI Design Program details:


DIRECTOR
BK Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

2. [Training Program on Technical Specification of Electric Motor, Low Voltage Control Panel and PLC Program.](#)

**Birla Professional Training
and Research Centre**

BKBIET CAMPUS, Pilani

Birla Professional Training & Research Centre (BPTRC) provides training and guidance in the fields of Electrical, Mechanical and Electronics Engineering to under graduates and post graduates students, research scholars etc.. It makes them industry ready by giving exposure to scientific research & comprehensive learning for overall development.

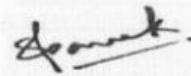
Certificate of Completion

This is to acknowledge that Mr/Ms Mukul Rathore of IIIrd Year, Electrical Engineering Department, BK Birla Institute of Engineering & Technology, Pilani-333031 has undergone Practical Training on "Basic of Fundamental Electrical, Electric Motor, Low Voltage Control Panel and Genie PLC (Automation)" at Birla Professional Training and Research Centre, BKBIET CAMPUS, Pilani wef 03/02/2022 to 08/04/2022 (45 hours).

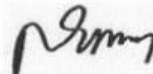
His/Her performance during training period is found Excellent. We wish him/her success in all his/her future endeavor.



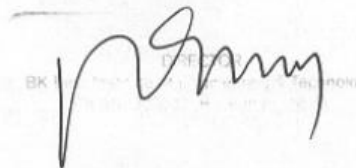
Mr Anuj Sharma
(Course Coordinator)



Dr Smita Pareek
(Convener, BPTRC Activities)



Dr S M Prasanna Kumar
(Director)



3. International Industry-Academia Meet

BK Birla Institute of Engineering and Technology, Pilani

Cordially Invites you all for Online

“International Industry-Academia Meet”



Patrons



Prof. (Dr.) S M Prasanna Kumar,
Director, BKBIET Pilani



Mr. K K Pareek,
G M Commercial, BKBIET Pilani



Dr L Solanki
Principal, BKBIET Pilani

Invited Speakers



Mrs Harshita Jayakar
Sr. Program Manager
Lam Research (USA)



Mrs Seema Rayal
Installation Manager
Vedanta Ltd. (Cairn Oil and Gas)



Mr Anurag Dharmawat
Sr. Business Manager (Africa)
Genus Power Inf. Ltd.

Coordinators

Dr Nimish Kumar
HOD, Department of CS & IT

Dr Smita Pareek,
HOD, Department of EE

Co-coordinators

Mr Himanshu Verma (CSE)
Mr Vipin Saraogi (CSE)
Mr Anuj Sharma (EE)

Technical Assistance

Mr Anil Kumar Datika
Mr Suresh Kumar
Mr Narayan Kumar

Join us on Friday, May 06, 2022

Time 11:00 AM



International Industry-Academia Meet organized at BKB IET

An Industry-Academia meet aimed at bridging the industry-academia gap and improving the employability of engineering by Department of Computer Science Engineering (NBA Accredited), IT and Electrical Engineering, Pilani, B.K.Birla Institute of Engineering & Technology was organized. During the online meeting, the director of the institute, Dr. S. M. Prasanna Kumar mentioned about the opportunities for the engineers and also focused that they are the creators, designers and pioneers for the development and progress of any country.

On this occasion Dr. Nimish Kumar, HOD, CS & IT Dept. Resource Person Harshita Jaykar, Sr. Program Manager, LAM Research (USA), Seema Rayal, Installation Manager, Vedanta Ltd. (Caim Oil & Gas) and Anurag Dharmavat, Sr. Business Manager (Africa), Genus Power Infrastructure Ltd. All the invited speakers shared their vast experience and views on ongoing research in India and abroad.

Around 100 participants from various colleges participated in the programme. The co-convenors of the program were Himanshu Verma, Vipin Saraogi and Anuj Sharma. The program was coordinated by student Srishti Agarwal. Suresh Kumar, Anil Kumar Datika and Narayan Kumar were also present during the programme.

Institute's GM Commercial K. Of. Pareek called this type of event necessary for the preparation of engineering students for real and professional situations. He said that these type of meetings are definitely beneficial for the institutes and industries.

Professors and students of all the departments were also present on this occasion and they all benefited from the knowledge and experiences of the experts. It was a great experience for the faculties and students as the session was full of interactions. Finally Dr. Smita Pareek HOD, Department of Electrical Engineering felicitated the experts and the online meeting ended with concluding remarks and vote of thanks by Dr. L. Solanki, Principal.

बीकेबीआईटी में अंतर्राष्ट्रीय इंस्ट्रु-एकेडेमिया मीट का आयोजन

विषयवस्तु: इंजीनियरिंग छात्रों के लिए उद्योग-अकादमिया मीट का आयोजन।

अंतर्राष्ट्रीय इंजीनियरिंग छात्रों के लिए उद्योग-अकादमिया मीट का आयोजन।

इस कार्यक्रम का उद्देश्य इंजीनियरिंग छात्रों के लिए उद्योग-अकादमिया मीट का आयोजन।

इस कार्यक्रम में भाग लेने वाले छात्रों को उद्योग-अकादमिया मीट का आयोजन।

इस कार्यक्रम का आयोजन इंजीनियरिंग विभाग द्वारा किया गया।

इस कार्यक्रम में भाग लेने वाले छात्रों को उद्योग-अकादमिया मीट का आयोजन।

इस कार्यक्रम का आयोजन इंजीनियरिंग विभाग द्वारा किया गया।

अंतर्राष्ट्रीय इंस्ट्रु-एकेडेमिया मीट का आयोजन

विषयवस्तु: इंजीनियरिंग छात्रों के लिए उद्योग-अकादमिया मीट का आयोजन।

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इस कार्यक्रम का आयोजन इंजीनियरिंग विभाग द्वारा किया गया।

[Signature]
 DIRECTOR
 BK Birla Institute of Engineering & Technology
 PILANI-333031 (Rajasthan) INDIA

B K Birla Institute of Engineering & Technology, Pilani

Institutional programme brochure/ notice for Certificate/ Value added programs with course modules and outcomes

2020-21

1. 5 Day Workshop on Machine Learning with Python

Chief Patron:
Prof. (Dr.) R.A. Gupta, Honorable Vice-Chancellor, RTU Kota

Patrons:
Prof. (Dr.) S.M. Prasadani Kumar, Director, BKBIT, Pilani, Rajasthan
Prof. (Dr.) L. Solanki, Principal (Academics), BKBIT, Pilani, Rajasthan

RTU (ATU) TEQIP-III Coordinator:
Prof. (Dr.) Dhendra Mathur, Professor, RTU Kota

Convener RTU Event Coordinator:
Dr. Harish Sharma, Associate Professor, Department of CSE, RTU Kota
Dr. Nirmala Sharma, Assistant Professor, Department of CSE, RTU Kota

Convener and Co Convener:
Dr. Nimish Kumar, HoD, Department of CSE, ALT, BKBIT, Pilani, Rajasthan
Mr. Himanshu Verma, Assistant Professor, BKBIT, Pilani, Rajasthan

RTU (ATU) TEQIP-III Committee:
Prof. (Dr.) Dhendra Mathur (Coordinator)
Prof. (Dr.) D.K. Sarma (Nodal Officer Procurement)
Dr. Harish Sharma (Nodal Officer Academic)
Dr. S.D. Purohit (Nodal Officer Finance)

Organizing Secretaries:
Mr. Rakesh Saini, Assistant Professor, BKBIT, Pilani, Rajasthan
Mr. Gautam Jangir, Assistant Professor, BKBIT, Pilani, Rajasthan
Mr. Pradeep Singh Shekhawat, Assistant Professor, BKBIT, Pilani, Rajasthan
Mr. Ramakant Soni, Assistant Professor, BKBIT, Pilani, Rajasthan

Organizing Committee Members:
Mr. Manoj Kataria, Mr. Dhansh Kumar, Mr. Rishi Sharma, Mr. Gopal Krishna Prajapat, Mr. Sanjey Suktania, Mr. Stender Kumar, Mr. Manoj Kumar Saini, Dr. Soham Mittal, Mrs. Reena Saini, Mr. Vipin Sarangi, Mr. Nishant Saini, Mr. Dhruendra Kumar Jangir, Mr. Vikas Kumawat, Mr. Anil Sharma

Technical Committee Members:
Mr. Anil Kumar, Mr. Suresh Kumar, Mr. Narayan Kumar

TEQIP-III RTU (ATU) Sponsored

Five Day Students Workshop
On
Machine Learning with Python
(12th - 16th December, 2020)

Resource Persons
Dr. Ashish Tripathi, MNIT, Jaipur
Dr. Jay Prakash, NIT, Calicut
Dr. Kusum Kumari Bhatti, IITDM, Jabalpur
Dr. Mukesh Sarawat, JIIT, Noida
Dr. Raju Pal, Jaypee University, Noida
Dr. Yadunath Pathak, IIT, Bhopal
Mr. Jayash Sharma, I-Diary IT Solutions Private Limited.

Jointly Organized by
Rajasthan Technical University, Kota
&
Department of Computer Science & Engineering
B K Birla Institute of Engineering & Technology, Pilani
CEERI Road, Pilani-333011, Rajasthan, India
www.bkbit.ac.in, 01596-246092



About TEQIP-III

The Project, third phase of Technical Education Quality Improvement Program (referred to as TEQIP-III) is fully integrated with the twelfth five-year plan objectives for technical education as a key component for improving the quality of engineering education in existing institutions with a special consideration for low-income states and special category states and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

Rajasthan Technical University (RTU), Kota & Bikaner Technical University (BTU), Bikaner

Rajasthan Technical University (RTU) is located in Kota in the Rajasthan State. It was established in 2006 by the Government of Rajasthan. The university currently affiliates about 129 engineering colleges, 4 B. Arch, 41 MCA Colleges, 95 MBA Colleges, 44 M. Tech colleges and 3 hotel management and catering institutes. The university aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

Bikaner Technical University (BTU) is located in Bikaner in the Rajasthan State. It was established in 2017 by the Government of Rajasthan. Its first session started in 2018. The university currently affiliates about 47 (Engineering, B. Arch, MCA, MBA and M. Tech) Colleges.

About The Institute

B K Birla Institute of Engineering & Technology, Pilani was founded by Shree Krishnarjan Charitable Trust as its technical wing under the Chairmanship of Late Smt. Basant Kumar Birla J in the year 2007. The institute is approved by AICTE & is affiliated to RTU, Kota/BTU, Bikaner for UG programs in CSE with 120 seats and ECE, EE, ME, AI, IT with 60 Seats. The institute has dedicated facilities, state-of-art laboratories, modern infrastructure, medical facility, playgrounds, amphitheater, library with book bank and fully air conditioned computer center & furnished hostels for boys & girls. The campus provides first-rate environment to engineering students to pursue their academic, intellectual, moral and cultural skills.

Objective of The Workshop

- To serve an introduction to concepts of machine learning and its applications.
- To introduce the python programming for the implementation of machine learning algorithms.
- To explore several clustering, classification and regression algorithms with theory and implementation.
- To understand data analysis and neural networks.

Registration Fee

For Engineering students of all stream : No fee

Registration Link
<https://forms.gle/1412Aa2Ujcsa9l6A>

E-Certificates will be awarded to all the participants having more than 80% attendance.

Contact For Registration Queries

Mr. Vipin Sarangi, Assistant Professor, BKBIT, Pilani
Mob. No. +91-9079713293, 9414403337

Mr. Vikas Kumawat, Assistant Professor, BKBIT, Pilani
Mob. No. +91-9602356877

Dr. Nimish Kumar, HoD, Department of CSE, ALT, BKBIT, Pilani, Rajasthan
B K Birla Institute of Engineering & Technology, CEERI Road, Pilani (Rajasthan)
Email: workshop.bkbit@gmail.com, kumarnimish08@gmail.com
Mob. No. +91-9414648632
Website: www.bkbit.ac.in

Workshop Schedule

12-12-2020 Saturday			
Dates	09:30 Am - 10:30 Am	10:30 Am - 01:30 Pm	03:00 Pm - 04:00 Pm
12-12-2020 Saturday	Basics of Python Dr. Raju Pal Jaypee University, Noida	Deep Learning and its Applications Dr. Mukesh Sarawat JIT, Noida	Introduction to Machine Learning Dr. Kusum Kumari Bhatti IITDM, Jabalpur
13-12-2020 Sunday	Numpy Library & its functionality in Python Dr. Ashish Tripathi MNIT, Jaipur	Machine Learning Tools using Python Dr. Yadunath Pathak IIT, Bhopal	Swarm and Evolutionary Optimization Dr. Mukesh Sarawat JIT, Noida
14-12-2020 Monday	Gesture Recognition Mr. Jayash Sharma I-Diary IT Solutions Private Limited	Bag-of-words for Classification Dr. Raju Pal Jaypee University, Noida	Decision Tree Dr. Yadunath Pathak IIT, Bhopal
15-12-2020 Tuesday	Naive Bayes Classifier and JMF Dr. Jay Prakash NIT Calicut	Fundamentals of Deep Learning Dr. Mukesh Sarawat JIT, Noida	Data Clustering using Swarm Intelligence Dr. Ashish Tripathi MNIT, Jaipur
15-12-2020 Tuesday	Exploratory Data Analysis Dr. Jay Prakash NIT Calicut	Image Segmentation Mr. Jayash Sharma I-Diary IT Solutions Private Limited	Convolutional Neural Network Dr. Mukesh Sarawat JIT, Noida
16-12-2020 Wednesday			
	04:00 Pm - 04:30 Pm	Valedictory Session	

Five day online workshop organized on the topic of Machine Learning with Python

A five-day workshop sponsored by TEQIP-III RTU (ATU) will be organized from December 12 to 16 at Pilani, B.K.Birla Institute of Engineering and Technology (BKBIT). Inaugural director of the workshop organized on the topic of Machine Learning with Python, Dr. S. M. Prasanna Kumar in which invited speakers from Jaipur, Calicut, Jabalpur, Noida and Bhopal will highlight Python and Machine Learning and their applications.

In the workshop, specific lectures on Data Analysis, Clustering, Classification, Regression Algorithm will be given. Program coordinator Artificial Intelligence, Computer Science and Information Technology Department Head Dr. Nimish Kumar and lecturer Himanshu Verma said that 346 participants will participate in the workshop and will get in-depth knowledge about data analysis and neural networks.

In this series, in the evening session, a lecture series named Aaveg was inaugurated by BKBIT Hack Club Pilani. During the program, along with cyber security, CV for the students. Lectures will be organized on writing, placement skills, and specific competencies required for the job profile in the company.

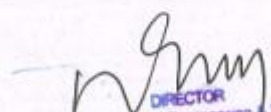
Faculty Coordinator of the program Nimish Kumar said that this type of program will also help students to prepare for jobs and placements according to the contemporary situation and students from different institutions will participate in the program. Director of the institute, Dr. S. M. Prasanna Kumar, Principal Dr. L. Solanki, Heads of various departments, all the staff, teachers and students of various institutions were present.

बीकेबीआईटी में पांच दिवसीय ऑनलाइन कार्यशाला व व्याख्यानमाला का उद्घाटन

पिलानी (सीमा सन्देश २६, १) बीके बिआर इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (बीकेबीआईटी) पिलानी में बीकेबीआईटी-3 आरटीयू (एटीयू) द्वारा प्रायोजित पांच दिवसीय कार्यशाला एवं व्याख्यानमाला का आयोजन 12 दिसंबर से 16 दिसंबर तक किया जाएगा। संस्थान के सीनियर प्रधारी केदार खड्गेवाल ने बताया कि भारतीय लॉसिंग फिल पाठ्यक्रम विषय पर आयोजित कार्यशाला का उद्घाटन निदेशक डॉ परमेश्वर प्रखर कुशर द्वारा किया गया। जिसमें जयपुर, कालीकट, जयलपुर, भीरुवा व भीवाल से अतिथित सभाओं द्वारा पाठ्यक्रम व भारतीय लॉसिंग की जानकारी देते हुए उनके अनुभवों पर प्रकाश डाला जाएगा। कार्यशाला में डाटा एनालिसिस, क्लासिफिकेशन, क्लस्टरिंग, रिग्रेशन एल्गोरिथम, प्रिडिक्शन एल्गोरिथम, आर्टिफिशियल इंटेलिजेंस, कर्वाकम और सूचना प्रौद्योगिकी विभागों के डॉ निमिश कुमार तथा व्याख्यान सत्रों में बताया कि कार्यशाला में 346 प्रतिभागी भाग लेंगे तथा डाटा एनालिसिस व जयपुर निदेशक के विषय में डाटा जानकारी प्राप्त करेंगे। इसी संज्ञा में सर्वप्रथम सत्र में बीकेबीआईटी के कला विभाग द्वारा आयोजित कार्यशाला का उद्घाटन किया गया। कार्यक्रम के दौरान साइबर सुरक्षा, पीएचडी के साथ बीकेबीआईटी में ऑनलाइन कार्यशाला के आयोजन के विषय पर भी जानकारी दी गई। कार्यशाला के आयोजन के निदेशक डॉ परमेश्वर प्रखर कुशर ने बताया कि इस प्रकार के कार्यक्रमों का आयोजन करने से अनेक लाभ प्राप्त होंगे। कार्यक्रम में संस्थान के निदेशक डॉ परमेश्वर प्रखर कुशर, प्रिंसिपल डॉ एल सोलंकी, विभिन्न विभागों के विभागाध्यक्ष, सहायक प्रिंसिपल, विभिन्न संस्थानों के विभागाध्यक्ष तथा स्टूडेंट्स आदि उपस्थित रहे।

बीकेबीआईटी में पांच दिवसीय ऑनलाइन कार्यशाला व व्याख्यानमाला का उद्घाटन

निदेशक परमेश्वर - बीकेबीआईटी के निदेशक परमेश्वर प्रखर कुशर ने बताया कि कार्यशाला का उद्घाटन किया गया। कार्यशाला में डाटा एनालिसिस, क्लासिफिकेशन, रिग्रेशन एल्गोरिथम, प्रिडिक्शन एल्गोरिथम, आर्टिफिशियल इंटेलिजेंस, कर्वाकम और सूचना प्रौद्योगिकी विभागों के डॉ निमिश कुमार तथा व्याख्यान सत्रों में बताया कि कार्यशाला में 346 प्रतिभागी भाग लेंगे तथा डाटा एनालिसिस व जयपुर निदेशक के विषय में डाटा जानकारी प्राप्त करेंगे। इसी संज्ञा में सर्वप्रथम सत्र में बीकेबीआईटी के कला विभाग द्वारा आयोजित कार्यशाला का उद्घाटन किया गया। कार्यक्रम के दौरान साइबर सुरक्षा, पीएचडी के साथ बीकेबीआईटी में ऑनलाइन कार्यशाला के आयोजन के विषय पर भी जानकारी दी गई। कार्यशाला के आयोजन के निदेशक डॉ परमेश्वर प्रखर कुशर ने बताया कि इस प्रकार के कार्यक्रमों का आयोजन करने से अनेक लाभ प्राप्त होंगे। कार्यक्रम में संस्थान के निदेशक डॉ परमेश्वर प्रखर कुशर, प्रिंसिपल डॉ एल सोलंकी, विभिन्न विभागों के विभागाध्यक्ष, सहायक प्रिंसिपल, विभिन्न संस्थानों के विभागाध्यक्ष तथा स्टूडेंट्स आदि उपस्थित रहे।


 DIRECTOR
 BK Birla Institute of Engineering & Technology
 PILANI-333031 (Rajasthan) INDIA

2. 5 Day workshop on Internet of Things and Its Applications

Chief Patron	
Prof. (Dr.) R A Gupta, Honorable Vice Chancellor, RTU Kota	
Patrons	
Prof. (Dr.) S M Prasanna Kumar, Director, BKBIET, Pilani, Rajasthan Prof. (Dr.) L Solanki, Principal (Academics), BKBIET, Pilani, Rajasthan	
RTU (ATU) TEQIP-III Coordinator	
Prof. (Dr.) Dharendra Mathur, Professor, RTU Kota	
Convener RTU Event Coordinator	
Dr. Harish Sharma, Associate Professor, Department of CSE, RTU Kota Dr. S. K. Sharma, Assistant Professor, Department of EE, RTU Kota	
Convener and Co Convener	
Dr. Nimish Kumar, HoD, Department of CSE, AI & IT, BKBIET, Pilani, Rajasthan Mr. Himanshu Verma, Assistant Professor, BKBIET, Pilani, Rajasthan	
RTU (ATU) TEQIP-III Committee	
Prof. (Dr.) Dharendra Mathur Prof. (Dr.) D K Sambariya Dr. Harish Sharma Dr. S D Purohit	(Coordinator) (Nodal Officer Procurement) (Nodal officer Academic) (Nodal Officer Finance)
Organizing Secretaries	
Mr. Rakesh Saini Mr. Gauttam Jangir	Mr. Pradeep Singh Shekhawat Mr. Ramakant Soni
Organizing Committee Members	
Mr. Manoj Kataria Mr. Dhanesh Kumar Mr. Gopal Krishan Prajapat Mr. Vipin Saraogi Mr. Jitender Kumar Mr. Manoj Kumar Saini	Dr. Sonam Mittal Mrs. Reena Saini Mrs. Ruchi Sharma Mr. Nachiket Sainis Mr. Bhupendra Kumar Jangir Mr. Vikas Kumawat Mr. Ankit Sharma
Technical Committee Members	
Mr. Anil Kumar Mr. Suresh Kumar Mr. Narayan Kumar	
Media Committee Members	
Mr. Sanjeev Sultania Mr. Keshav Khandelwal	



TEQIP-III RTU (ATU) Sponsored

Five Day Workshop
On
Internet of Things and Its Applications
(18th - 22nd January, 2021)

Resource Person

Dr. Sadhana Mishra, Assistant Professor, ITM University, Gwalior, M.P.
Mr. Anshul Sharma, Sr. Developer, ESRR, Chandigarh
Mr. Divneet Singh Kapoor, Sr. Developer, ESRR, Chandigarh
Mr. Khushal Thakur, Team Lead, ESRR, Chandigarh
Mr. Kiran Jot Singh, Sr. Manager, ESRR, Chandigarh
Mr. Kunal Pruthi, Manager-Sales, MotherSumi Infotech & Designs Ltd
Mr. Milanpreet Singh, DDG R&D Engineer II, Synopsys, Bangalore
Ms. Siddhi Kochar, Sr. Manager, Essence, Noida

Jointly Organized by
Rajasthan Technical University, Kota
&
Department of Computer Science & Engineering
B K Birla Institute of Engineering & Technology, Pilani
CEERI Road, Pilani-333031, Rajasthan, India
www.bkbiel.ac.in, 01596- 246092




About TEQIP-III

The Project, third phase of Technical Education Quality Improvement Program (referred to as TEQIP-III) is fully integrated with the twelfth five-year plan objectives for technical education as a key component for improving the quality of engineering education in existing institutions with a special consideration for low income states and special category states and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

Rajasthan Technical University (RTU), Kota
Bikaner Technical University (BTU), Bikaner

Rajasthan Technical University (RTU) is located in Kota in the Rajasthan State. It was established in 2006 by the Government of Rajasthan. The university currently affiliates about 129 engineering colleges, 4 B. Arch, 41 MCA Colleges, 95 MBA Colleges, 44 M. Tech colleges and 3 hotel management and catering institutes. The university aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

Bikaner Technical University (BTU) is located in Bikaner in the Rajasthan State. It was established in 2017 by the Government of Rajasthan. Its first session started in 2018. The university currently affiliates about 47 (Engineering, B. Arch, MCA, MBA and M. Tech) Colleges.

About The Institute

B K Birla Institute of Engineering & Technology, Pilani was founded by Shree Krishnarpan Charity Trust as its technical wing under the Chairmanship of Late Syt. Basant Kumar Birla Ji in the year 2007. The institute is approved by AICTE & is affiliated to RTU, Kota/BTU, Bikaner for UG programs in CSE with 120 seats and ECE, EE, ME, AI, IT with 60 Seats. The Institute has dedicated faculties, state of art laboratories, modern infrastructure, medical facility, playgrounds, amphitheater, library with book bank and fully air conditioned computer center & furnished hostels for boys & girls. The campus provides first-rate environment to engineering students to pursue their academic, intellectual, moral and cultural skills.

Objective of The Workshop

The aim of this workshop is to explore the state-of art technologies in the area of Internet of Things (IoT) through a series of lectures delivered by eminent persons working in this field and to provide some hands on experience to the students, faculty and researchers.

Workshop session will comprise of following topics:

- Introduction to IoT & It's applications
- Connecting to cloud
- Building blocks of IoT
- EDA in IoT
- Virtual Hardware for IoT
- Making Apps for Hardware
- Interfacing of sensors on development Boards on Virtual environment
- Marketing for IoT products
- IoT and Wi-Fi
- AI applications in IoT
- Industrial IoT

Registration Fee

For Engineering Faculty/ Students of all stream : **No fee**

Registration Link
<https://forms.ele/firTupTU1UR2Scz8>

E-Certificates will be awarded to all the participants having more than 80% attendance.

Contact For Registration Queries

Mr. Vipin Saraogi
Assistant Professor, BKBIET, Pilani
Mob. No- +91-9079713293, 9414403337

Mr. Vikas Kumawat
Assistant Professor, BKBIET, Pilani
Mob. No- +91-9602356877

Dr. Nimish Kumar, HoD, Department of CSE, AI & IT, BKBIET, Pilani, Rajasthan
B K Birla Institute of Engineering & Technology, CEERI Road, Pilani (Rajasthan)
Email: workshop.bkbiel@gmail.com, kumarnimish08@gmail.com
Website: www.bkbiel.ac.in Mob. No- +91-9414648632

Workshop Schedule

Dates	18-01-2021 Monday	09:30 Am - 10:00 Am	Inauguration Session
	Session I 10.00 am to 11.00 am	Session II 12.30 am to 1.30 pm	Session III 2.30 pm to 3.30 pm
18-01-2021 Monday	Building blocks of IoT Mr. Kiran Jot Singh ESRR, Chandigarh	Virtual Hardware for IoT Mr. Kiran Jot Singh ESRR, Chandigarh	Connecting to cloud Mr. Divneet Singh Kapoor ESRR, Chandigarh
19-01-2021 Tuesday	SBC for IoT Mr. Kiran Jot Singh ESRR, Chandigarh	AI Applications in IoT Mr. Divneet Singh Kapoor ESRR, Chandigarh	Making Apps for Hardware - I Mr. Divneet Singh Kapoor ESRR, Chandigarh
20-01-2021 Wednesday	Introduction to IoT & Its applications Dr. Sadhana Mishra ITM University Gwalior	Making Apps for Hardware - 2 Mr. Khushal Thakur ESRR, Chandigarh	Interfacing of sensors on IoT development Boards on Virtual environment Dr. Sadhana Mishra ITM University Gwalior
21-01-2021 Thursday	Marketing for IoT - products Mr. Siddhi Kochar Essence	BLE and Wi-Fi Mr. Khushal Thakur ESRR, Chandigarh	IoT analytics 1 Mr. Anshul Sharma ESRR, Chandigarh
22-01-2021 Friday	Industrial IoT Mr. Kunal Pruthi MotherSumi Infotech & Designs Limited	EDA in IoT Mr. Milanpreet Singh Synopsys	IoT analytics 2 Mr. Anshul Sharma ESRR, Chandigarh
22-01-2021 Friday		03:30 Pm - 04:00 Pm	Valedictory Session

3. Online One Day International Workshop on "Industrial Management"




B K Birla Institute of Engineering & Technology
Pilani, Rajasthan, India
Approved by All India Council for Technical Education and Affiliated to Bikaner Technical University

**Online One Day International Workshop on
Industrial Management**
(9th April, 2021 3:00 PM- 5:30 PM)

 <p>(Chief Patron) Prof. Prasanna Kumar S M Director BKBIET, Pilani</p>	 <p>(Patron) Prof. L. Solanki Principal (Academics) BKBIET, Pilani</p>	 <p>(Speaker) Dr. Suraj Joshi Dept. of Mechanical Industrial and Aerospace Engineering, Concordia University, Montreal, Canada</p>	 <p>(Speaker) Dr. Kapil Kumar Bansal Professor Shri Rawatpura Sarkar University, Raipur, Chhattisgarh</p>	 <p>(Speaker) Dr. A. K. Malik Associate Professor BKBIET, Pilani</p>
	 <p>(Convener) Mr. D. C. Sharma Head, Mechanical Engineering Dept. BKBIET, Pilani</p>	 <p>(Co-Convener) Mr. Divesh Rohilla Assistant Professor BKBIET, Pilani</p>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">NO REGISTRATION FEE</div>	

Registration Link: <https://forms.gle/uH46iKWkwYkbuhK58> E-Certificate will be provided to all the active participants.

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BK Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

**Online One Day International Workshop on "Industrial Management" in
BKBIET**

B K Birla Institute of Engineering & Technology
Pilani, Rajasthan, India
Approved by All India Council for Technical Education and Affiliated to Bikaner Technical University

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(Patron)
Prof. L. Solanki
Principal (Academics)
BKBIET, Pilani

(Speaker)
Dr. Suraj Joshi
Dept. of Mechanical Industrial
and Aerospace Engineering,
Concordia University, Montreal,
Canada

(Speaker)
Dr. Kapil Kumar Bansal
Professor
Shri Rawatpura Sarkar University,
Raipur, Chhattisgarh

(Speaker)
Dr. A. K. Malik
Associate Professor
BKBIET, Pilani

(Convener)
Mr. D. C. Sharma
Head, Mechanical Engineering Dept.
BKBIET, Pilani

(Co-Convener)
Mr. Divesh Rohilla
Assistant Professor
BKBIET, Pilani

**NO
REGISTRATION
FEE**

Registration Link: <https://forms.gle/uh46iKwKwYkbuhK58> E-Certificate will be provided to all the active participants.

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Pilani, B.K.Birla Institute of Engineering and Technology organized an online one-day international workshop on Industrial Management, whose chief guest was the director of the institution, Dr.S.M. Prasanna Kumar and special guest Principal Dr. L. Solanki was The convener of the workshop, Head of the Mechanical Department, D.C. Sharma told that speakers from India and abroad addressed the workshop in which Dr. Suraj Joshi from Concordia University of Canada, Dr. Kapil Kumar Bansal from Rawatpura Government University, Chhattisgarh and Dr. A.K. Malik was Who expressed his views on Industrial Management and how students can get benefited and useful in industries. Co-convener Divesh Rohila, Assistant Professor Himanshu Gupta, faculty and students of the college were present in this online workshop.

**एक दिवसीय अंतरराष्ट्रीय
कार्यशाला आयोजित**

पिलानी (सीमा सन्देश सं.)। बीके बिरला इंस्टिट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी पिलानी में इंडस्ट्रियल मैनेजमेंट पर शनिवार को ऑनलाइन एकदिवसीय अंतरराष्ट्रीय कार्यशाला का आयोजन किया गया। कार्यशाला के मुख्य अतिथि संस्था के निदेशक डॉ एसएम प्रसन्न कुमार व विशिष्ट अतिथि प्राचार्य डॉ एल सोलंकी थे। संस्थान के मीडिया प्रभारी सहायक प्रोफेसर केशव खंडेलवाल एवं कार्यशाला के संयोजक मैकेनिकल विभागाध्यक्ष डीसी शर्मा ने बताया कि कार्यशाला में देश-विदेश से बक्ताओं ने कार्यशाला को संबोधित किया। जिसमें कनाडा की कॉनकोर्डिया यूनिवर्सिटी से डॉ सुरज जोशी, रावतपुरा सरकार विश्वविद्यालय छत्तीसगढ़ से डॉ कपिल कुमार बंसल और पिलानी बीकेबीआईटी से डॉ एके मलिक थे। जिन्होंने इंडस्ट्रियल मैनेजमेंट पर अपने विचार व्यक्त किये और कैसे छात्रों को उद्योगों में लाभ मिल सकता है तथा उपयोगी है इस पर बताया।


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4. Online One Day International Workshop on "Industrial Management"



ONLINE ONE DAY INTERNATIONAL WORKSHOP

on

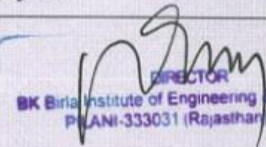
INDUSTRIAL MANAGEMENT

(9 APRIL, 2021)

B K Birla Institute of Engineering & Technology, Pilani

Schedule: 9th April 2021 (Friday)

TIME	PROGRAM
3:00 PM to 3:05 PM	Inaugural Address Mr. Himanshu Gupta B K Birla Institute of Engineering & Technology, Pilani
3:05 PM to 3:15 PM	Welcome Address Prof S M Prasanna Kumar, (Director) B K Birla Institute of Engineering & Technology, Pilani
3:15 PM to 3:20 PM	About Workshop-IM Mr D C Sharma, (IM -Convener) B K Birla Institute of Engineering & Technology, Pilani
3:20 PM to 4:00 PM	Speaker-1 Dr. Suraj Joshi Department of Mechanical Industrial and Aerospace Engineering, Concordia University, Montreal, Canada
4:00 PM to 4:40 PM	Speaker-2 Dr. Ashish Department of Mathematics Government Degree College Satnali, Haryana
4:40 PM to 5:20 PM	Speaker-3 Dr A K Malik Department of ASH (Mathematics), B K Birla Institute of Engineering & Technology, Pilani
5:20 PM	Vote of Thanks Mr. Divesh Rohilla (IM Co-Convener) B K Birla Institute of Engineering & Technology, Pilani


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PILANI-333031 (Rajasthan) INDIA

Link: <https://zoom.us/j/99627367059?pwd=RDRUUK9hVWRLMFBGWDR6NHdtOHBYQT09>

2019 - 20

1. 2 Days Workshop on basics of IoT (Internet of Things)

Workshop on basics of IoT (Internet of Things)

BIC and ACM together have organized a workshop for students who are interested in IoT which is the most popular and trending topic in the electronics and computing world. Given below is a module which shows the topics covered in basics of IOT workshop.

Introduction to IOT	Introduction to IOT as one of the key digital technology and its importance
Application of IOT	Ability to IOT to solve real world problems with help of any tech
Aurdino board	Introduction to Aurdino micro controller and description on pin diagram
Aurdino – hello world and led blink program	Running the hello world program and led blink program
Sensor based use cases	Working with sensors for use cases in the real world – LCD interfacing , temperature
Sensor based use cases	Working with sensors for use cases in the real world – ultrasonic
Discussion – smart projects	Discussion on future of Iot and using it in smart India

Date - 10 Sept 2019 and 11 Sept 2019

Timings – 3.00 PM to 6.00 PM


Venue - BPTRC HALL 3

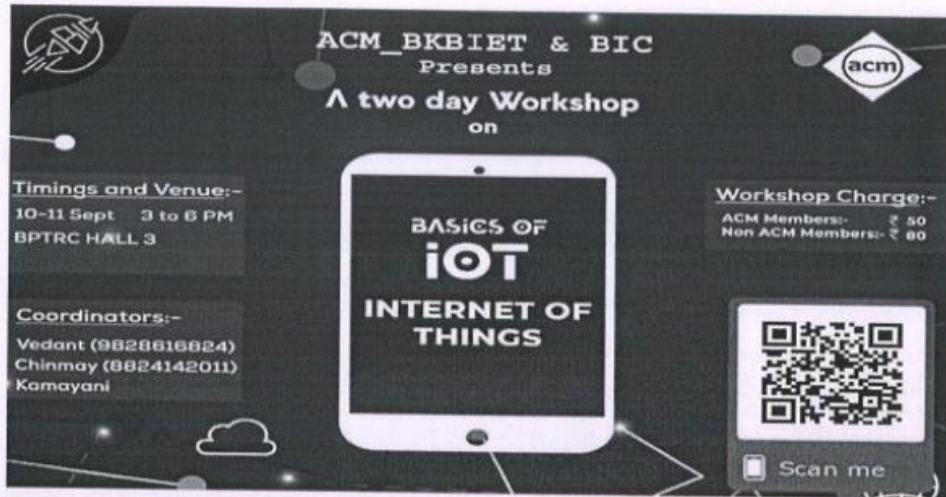
No of participants – 51

Trainers - Mr. Bhupendra Kumar Jangir
Mr. Vikas Kumawat

Technical Coordinators – Mohit Sankholia (CS) (III Year)
Anil Kumar Prajapat (CS) (III Year)
Rajat Ranjan (CS) (III Year)

Student Coordinators – Vedant Dhaulakhandi (EC) (IV Year)
Chinmay Sahal (CS) (III Year)
Kamayani Goswami (CS) (III Year)


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PILANI-333031 (Rajasthan) INDIA



Posters for Advertisement



Training Session by Mr. Bhupendra Kr. Jangir



[Signature]
DIRECTOR
BK Bina Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

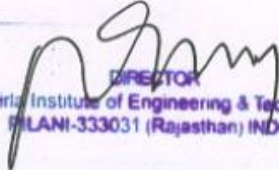
IoT components distribution for students



Interactive session with IoT devices



Group Photo with participants, Trainers and Coordinators


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2. 2 Days Workshop on IoT (IFERP)



IoTians

(INTERNET OF THINGS)

www.iotians.in



Workshop Highlights

Well established **IOT PRODUCT** Company since 2012.

The workshop will be conducted by the company expertise.

Workshop participant **CERTIFICATES** will be given.

The training will include Raspberry Pi KIT including below modules.

MODULES

Module 1 – Introduction

1. Introduction IOT
2. Architecture of IOT
3. Deep Dive in IOT Architecture

Module 2- Micro-controller & sensors

1. Introduction to Arduino Uno
2. Architecture to Nodemcu
3. Programming using Arduino IDE
4. Sensors and actuators
5. GPIO pins
6. Different GPIO pins in arduino

Module 3- Protocol

1. Architecture of Home Automation System
2. Introduction to MQTT Protocol
3. Creating own MQTT broker
4. Introduction to Node-Red
5. Securing MQTT broker
6. Integrating Node-Red with MQTT

Module 4- NodeMcu

1. Introduction to Nodemcu and GPIO pins
2. Establishing Wifi Connection with Nodemcu
3. Using the PubSubClient Library in Nodemcu
4. Establishing MQTT connection with Nodemcu

Registration Fee:500/-

Limited Seat: 50

Last Registration Date: 28 sep 2019

Venue : BPTRC Hall

Date:1st & 2nd oct 2019

Timing: 3PM-6PM

Coordinators:

1.Ashish Sharma 2. Nishant Gupta 3. .Manish Singh Rathore 4. Anshuman Bisht

FOR MORE DETAILSCONTACT: 6353944052, 8619407525


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IOT WORKSHOP

IoT

agriculture automation

home automation

smart energy

IoT Mobile Apps

industry automation

smart transportation

innovative healthcare

IFERP
connecting engineers...developing research

BPTRC HALL

1st & 2nd oct 2019
3 PM - 6PM

LAST DATE FOR REGISTRATION: 28TH SEPT

COORDINATORS:
Ashish sharma – 6353944052
Ayushi Mittal

IoTians

FEE: 500/-
Limited seats only!

MODULES **IoTians**

Module 1 - Introduction

1. Introduction to IoT
2. Architecture of IoT
3. Deep Dive in IoT Architecture

Module 2 - Micro-controller & sensors

1. Introduction to Arduino Uno
2. Architecture to Nodemcu
3. Programming using Arduino IDE
4. Sensors and Actuators
5. GPIO pins
6. Different GPIO pins in ardu

Module 3 - Protocol

1. Architecture of Home Automation System
2. Introduction to MQTT Protocol
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4. Introduction to Node-Red
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Module 4 - NodeMcu

1. Introduction to Nodemcu and GPIO pins
2. Establishing Wifi Connection with nodemcu
3. Using the PubSubClient Library in Nodemcu
4. Establishing MQTT connection with Nodemcu

COORDINATORS

1.ASHISH SHARMA 2.ANSHUMAN BISHT 3.NISHANT GUPTA 4.MANISH SINGH RATHORE

FOR MORE DETAILS CONTACT: 6353944052 , 8619407525


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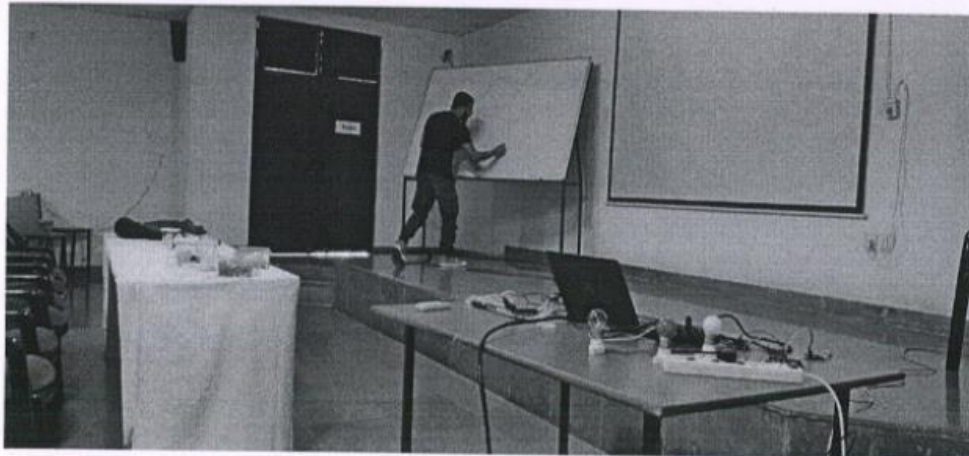
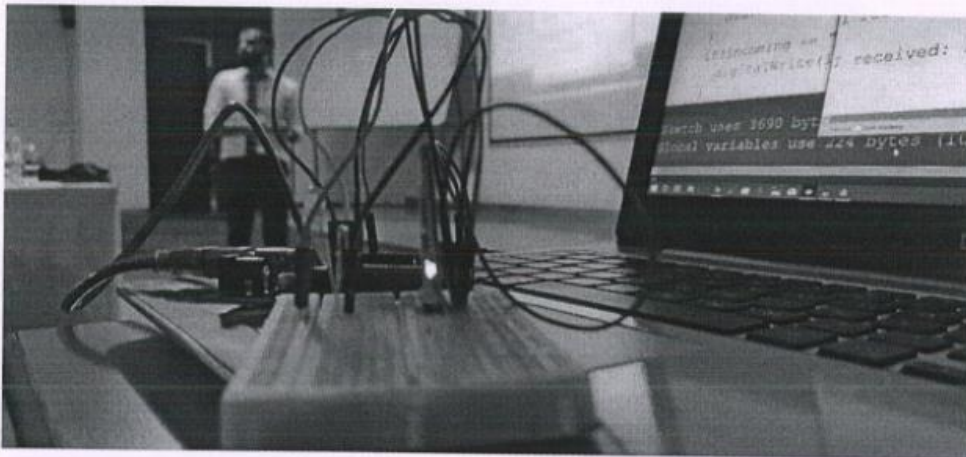
WORKSHOP ON IOT

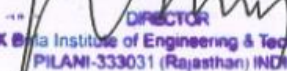
Student member of IFERP, student chapter are organized a 2 days workshop on IOT. which will be conducted by IOTians group, gurugram, haryana. This workshop is in the premise of BKBIET, pilani, rajasthan. The duration of the program was of 2 days on the dates 1-2 of october, 2019.

The purpose of this workshop is to enhance the student's knowledge in the field of IOT and help them to understand and explore this emerging field.

All the attending student will be provided with the certificate of participation, which will be handed over within a week from the date of completion of the workshop. Furthermore total number of participants are 49, to meet its logistic expenses, company is charging a nominal fee of RS. 500/- per student.

SOME MEMORIES OF WORKSHOP




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Institutional programme brochure/ notice for Certificate/ Value added programs with course modules and outcomes

2018-19

1. Training on Cyber Security & Ethical Hacking (Penetration Testing)- Incise

incise INCISE INFOTECH PRIVATE LIMITED, NOIDA
Announces
Summer Training at BPTRC, Pilani (10th May - 10th July, 2018)
(B. Tech – All Branches)
INCISE® Certified 2-months Industrial Program (with Project)

Any One of these 2 Choices → **VLSI Design - "Learn by Doing"**
CYBER SECURITY & ETHICAL HACKING

www.incise.in

SALIENT FEATURES:

- The course curriculum is handled by qualified instructors who have had vast experience handling complex, multi-faceted projects for leading semiconductor companies and associated design partners.
- The training is strictly practical providing students with an opportunity to get their hands and feet wet on product architectures, designing, programming and validation using latest tools and techniques sought by top employers worldwide.
- Guidance on complete life cycle of one project within domains of your choice with standard industry deliverables
- Three free SIRI™ (Student Industry Readiness Index) evaluation tests after completion of each module
- One expert career counseling session with an *industry leader* - Free CV preparation by our Career Development Office.
- Frequent sessions on latest trends in the semiconductor, Embedded System, IT recruitment process with guidance on interview preparation, FAQs and mock interviews
- A "Certificate of Excellence" will be issued on successful completion of the training

Basic VLSI Design	Advanced VLSI Design
BASIC ELECTRONICS DIGITAL ELECTRONICS PERL & LINUX & TCL VERILOG ASIC FLOW WORK REAL PROJECT WORK	ASIC FLOW - RTL TO GDS APR FLOW (FLOOR-PLANNING, POWER PLANNING, CTS, ROUTING) SYNTHESIS STATIC TIMING ANALYSIS (PRE & POST) PHYSICAL VERIFICATION (DRC, LVS & ERC) ECO FLOW & SIGNOFF
Basic CS & Ethical Hacking	Advanced CS & Ethical Hacking
Introduction of security System security Data backup and recovery Internet security Security in Network Online translation security Social Engineering Denial of Service Session Hijacking Hacking Webservers Hacking Web Applications SQL Injection Hacking Wireless Network Hacking Mobile Platforms Evading IDS, Firewalls Cryptography	Information Security – A review Secure data with encryption techniques Internet security Security in Network Different Security Distros of Linux Kali Linux – Overview Introduction to Joomla/WordPress Introduction to Threats in Web Programming DNS and Domain Names - An Introduction Configuring webserver and domain name Running Live Website Security Testing Tools – An Overview Knowing the Threats/ Vulnerabilities How to Patch the Vulnerabilities Live Testing – Website with different tools Live Patching Vulnerabilities Delivering Secure Website

Category	Registration Fee	Training Fee	TOTAL FEE
BKBIETians	500/-	6000/-	6500/-
Non-BKBIETians	1000/-	6000/-	7000/-

Interested Students are requested to register by depositing the Non-transferable and Non-Refundable Registration Fee @ the Cash Counter



BIRLA PROFESSIONAL TRAINING & RESEARCH CENTRE, PILANI

Kind Attn: III Year B.Tech EE and EEE Students

Seminar: Summer Training

Mr. M K Panchal having 40 years of Industrial Experience in India and Abroad would deliver the Seminar and cover below mentioned points:

- Career Opportunities in the field of Electrical Engineering for EE & EEE students
- Present Employers and their Recruitment Policies
- Scope of Employment for the Post of Electrical Engineer in the industry in India and Abroad
- **Summer Training conducted by BPTRC for your bright future**

Summer Training Contents:

1. Different types of Low Voltage Control Panel
2. Electric Motors and their types of Protection.
3. PLC Automation

SEMINAR SCHEDULE

Monday, 19th March, 2018

Reporting Time	Stream	Venue
9:00 AM	EE	BPTRC HALL 2

Dinesh Kumar

M K Panchal
Technical officer
BPTRC, Electrical


DIRECTOR
Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

Principal Academics



BIRLA PROFESSIONAL TRAINING & RESEARCH CENTRE, PILANI

Kind Attn: III Year B.Tech ME Students

Seminar: Summer Training

Mr. M K Panchal having 40 years of Industrial Experience in India and Abroad would deliver the Seminar and cover below mentioned points:

- Career Opportunities in the field of Mechanical Engineering for ME students
- Present Employers and their Recruitment Policies
- Scope of Employment for the Post of Mechanical Engineer in the industry in India and Abroad
- **Summer Training conducted by BPTRC for your bright future**

Summer Training Contents:


1. HVAC (Heating, Ventilation and Air Conditioning)
Known as **CENTRAL AIR CONDITIONING PLANT** with their electrical associated control with the help of **Low Voltage Control panel and their related Motors.**
2. Review of Bearing Technology
3. Electric Motor

SEMINAR SCHEDULE

Monday, 19th March, 2018

Reporting Time	Stream	Venue
11:30 AM	ME	BPTRC HALL 2

Dinesh Kumar


DIRECTOR
BK Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

M K Panchal
Technical officer
BPTRC, Electrical

Principal Academics

4. Electric Motor & Bearing Technology



BIRLA PROFESSIONAL TRAINING & RESEARCH CENTRE, PILANI

Kind Attn: II Year B.Tech EE/ME Students

Reference to the RTU circular **RTU/Acad./F (17)/19/2018/302** dated **22.05.2018** regarding 15 days (2 week) compulsory training for students admitted in 2017-18 (after I Year) for academic & skill development purpose.

Hereby informed that in-house training program is conducted by BPTRC at electrical professional Lab for Electrical Engineering and Mechanical Engineering students from 2nd July to 15th July, 2018.

As per the following schedule **(w.e.f.02.07.2018)**:

Branch	Year/Sem	Time	Venue
Electrical Engineering	II/III	8:00 AM - 9:00 AM	Hall-3 BPTRC
Mechanical Engineering	II/III	9:00 AM - 10:00 AM	Hall-3 BPTRC

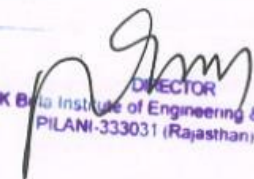
Dinesh Kumar

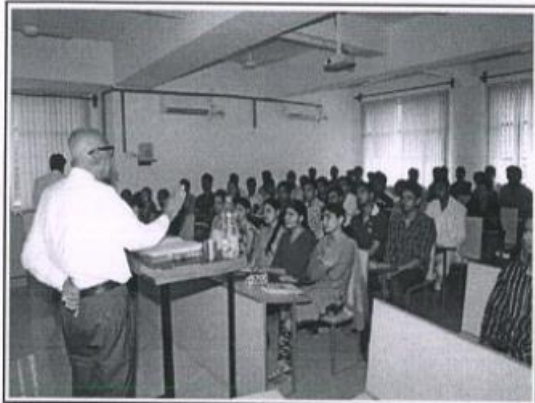
M K Panchal

(Technical officer)

Birla Professional Training & Research Centre, Electrical)

Principal Academics


DIRECTOR
BK Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA



3321

 **ADITYA BIRLA TRAINING AND RESEARCH CENTRE**
BRIEST CAMPUS, PILANI

Certificate of Completion

This is to acknowledge that

_____ Abhishek Khatwani _____
Roll No. 14488104023 _____

of B.Tech. ME Branch IX Year from Birla Institute of Engineering & Technology
has successfully completed Practical Training on

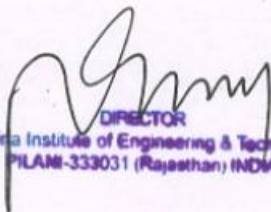
Electric Motor & Motor Technical Specification Energy Technology &
Chilled water system Control in Plant

from 26.09.2017 to 24.09.2018

Training Incharge


Director




DIRECTOR
Birla Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA

5. 40 days Training on Python, IoT & Raspberry PI, Machine Learning & Django (TechieNest)

Memorandum of Understanding

Is executed on 27th April, 2019

Between

TechieNest Pvt. Ltd., hereinafter referred to as "TechieNest", A company duly incorporated under the provisions of Companies Act 1956, having its registered office at 7 Jawahar Nagar Colony, Gate No 1, near Glass Factory, Tonk Road, Jaipur - 302015 represented through its authorised signatory Mr Siddharth Singh, party of the first part.

And

B K Birla Institute of Engineering & Technology, Pilani represented through its Computer Science & IT HOD Dr NIMISH KUMAR

Whereas, the Second party is hosting 90 hours training at its campus on the subject of

1. Machine Learning & Data Science with Python

TechieNest Pvt. Ltd., Jaipur DELIVERABLES:

1. Conduct 90 Hours Training on above topic starts from 15th July 2019.
2. Training cost
 1. INR 35,00/- + Taxes (18% GST) 630 = INR 4130/-
3. TechieNest will provide study material in soft copy to each participants.
4. TechieNest will provide participation certificate to each participants in association with Aavrit'20 IIT Bombay.
5. TechieNest will provide Certificate to each Coordinator in association with Aavrit'19 IIT Bombay.
6. TechieNest will provide letter of appreciation to college.
7. 4 team will be selected for AIRC'20 at IIT Bombay.
8. TechieNest will provide posters and banners to publicize the training (Soft copy).
9. TechieNest will publicize about training in website and all other social media pages.

BKBIET, Pilani DELIVERABLES:

10. Provide following technical requirements for conducting the training:-
 - > A Seminar hall
 - > 1 projector
 - > 1 collar mike with sound system
 - > White board and marker
 - > Extension board (for power supply)
 - > Internet facility


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11. Register minimum 100 students for training.
12. Assign at least 3 student coordinators who will support from starting to end of the training.
13. Laptop/PCs to each students.
14. Arrange hospitality for Trainers.
15. Provide Association Certificate/Momentous to TechieNest.
16. Provide good quality internet facility during training.

Mode of Payment and Revenue Sharing:

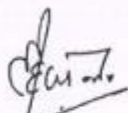
1. All payment will be done via cheque or Online payment to "TechieNest Pvt Ltd" or in Cash.
2. 50 % payment will be done after 2 days of training, remaining amount will be paid after 10 days of training.

Key Points:

1. All the training material is to be bought by TechieNest.
2. It will be legally binding upon both parties to fulfil the responsibilities as mentioned in this MoU, Failure to do so may lead to legal action.
3. Both party do not disclose this MOU with any one.

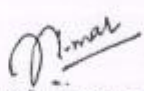
S. N.	Name	Coordinators	Contact no	Email Id
1.	Dr NIMISH KUMAR	Faculty	9414648683	kumarnimish08@gmail
2.	Mr HIMANSHU VERMA	Faculty	7737215156	himanshu.verma@bkt.ac.in

Signature on Behalf of BKBIET, Pilani




Name: Prof. (Dr.) L. Solanki
 Title: Principal (Academics)
 Date: 27/04/2019

Signature on Behalf of BKBIET, Pilani



Name: Dr. Nimish Kumar
 Title: Head of Department CS & IT
 Date: 27/04/2019

Signature on Behalf of TechieNest Pvt Ltd, Jaipur



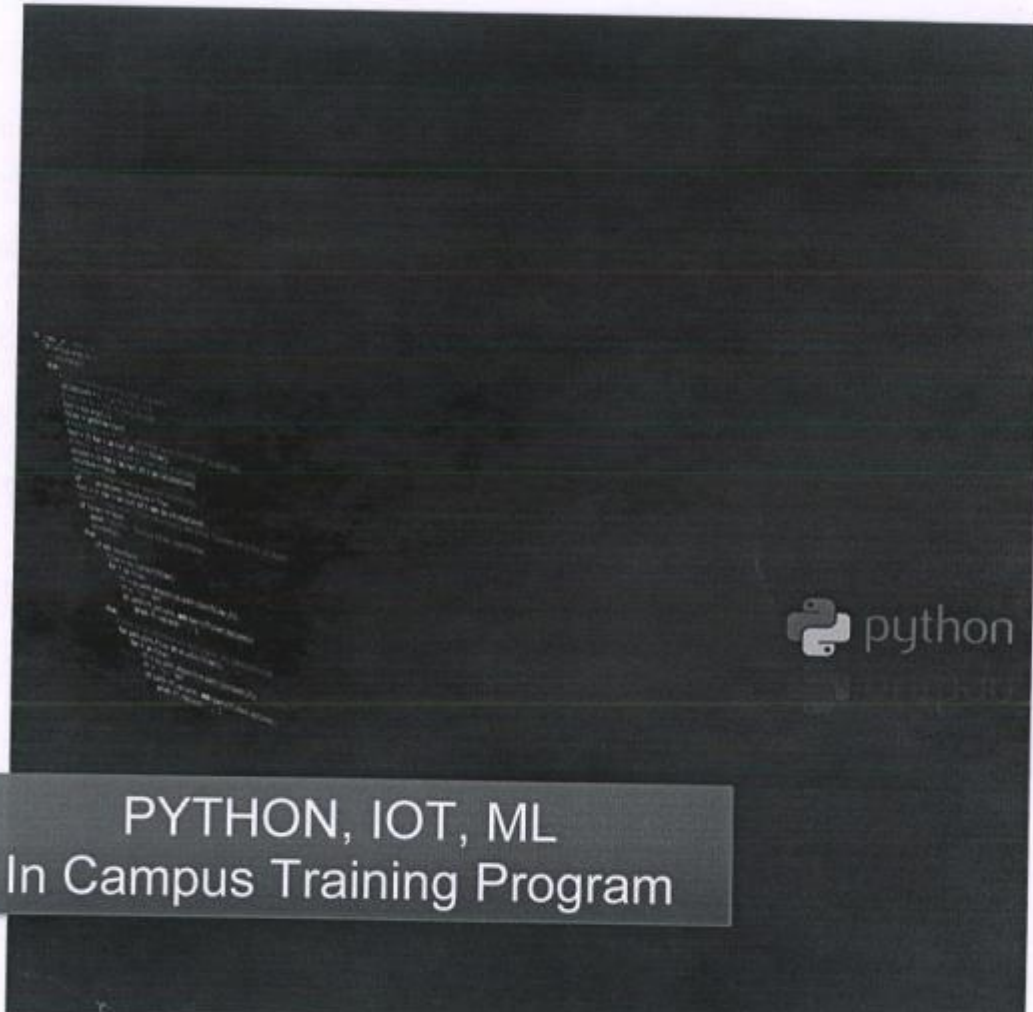
For TechieNest Pvt. Ltd.
 Director
 Name: Siddharth Singh
 Title: Business Head
 TechieNest Pvt Ltd, Jaipur

DIRECTOR
 BK Pilsa Institute of Engineering & Technology
 PILANI-333031 (Rajasthan) INDIA

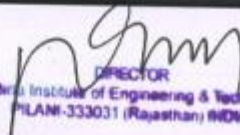


TechieNest

Transforming Engineers to Technocrats



**PYTHON, IOT, ML
In Campus Training Program**



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PILANI-333031 (Rajasthan) INDIA

+91-7340033092, +91-9251494002 | query@techienest.in | www.techienest.in

PYTHON

Total Duration of Program: 80 hours
No. of Hours: 20

SESSIONS	TOPIC	NO. OF HOURS
1	<p><i>Introduction To Python</i></p> <p><i>Installation and Working with Python Understanding Python variables Python basic Operators</i></p> <p><i>Understanding python blocks</i></p> <p>Python Data Types Declaring and using Numeric data types: int, float, complex Using string data type and string operations</p> <p><i>Defining list and list slicing</i></p> <ul style="list-style-type: none"> • Use of Tuple data type 	2 Hours
2	<p><i>Python Program Flow Control</i></p> <p>Conditional blocks using if, else and elif Simple for loops in python For loop using ranges, string, list and dictionaries Use of while loops in python</p> <ul style="list-style-type: none"> • Loop manipulation using pass, continue, break and else Programming using Python conditional and loops block 	2 Hours
3	<p><i>Python Functions, Modules And Packages</i></p> <p>Organizing python codes using functions Organizing python projects into modules Importing own module as well as external modules Understanding Packages</p> <p><i>Powerful Lamda function in python</i></p> <ul style="list-style-type: none"> • Programming using functions, modules and external packages 	2 Hours
4	<p><i>Python String, List And Dictionary Manipulations</i></p> <p><i>Building blocks of python programs</i></p> <p>Understanding string in build methods List manipulation using in build methods Dictionary manipulation Programming using string, list and dictionary in build functions</p>	2 Hours


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Attendance List:

TRAINING ON PYTHON Registration Upto 17 Sep, 2013

P-111

Sl. No.	Name of Student	ID No.	Mobile No.	Email Id
733	1. Himanshu Chauhan	17EBK66044	8814040200	hchauhan1306@gmail.com - 3733
734	2. ASHU RASTOGI	17EBK6E001	9458767258	ashyrastogi@gmail.com - 3734
735	3. Naman Shrikhar Dixit	17EBK6E006	9793609338	naman.shrikhar.dixit@gmail.com - 3735
737	4. Nikhil Gupta	17EBK6S067	9558463809	ng955@gmail.com (3737)
742	5. Harshit Goyal	16EBKCS042	7891502515	harshitgoyal2015@gmail.com
744	6. Abhinav Jain	16EBKCS003	9816720456	oj.chibawa@gmail.com (3743)
746	7. Deepanshu Jangid	16EBKCS030	761502006	jangidanshu0016@gmail.com (3744)
747	8. Amit Kumar	16EBKCS015	9694923835	amit.katewa@gmail.com (3745)
748	9. Harikishan Jata	16EBKCS041	9521542922	harikishanjata@gmail.com (3746)
750	10. Dushyant Vyas	16EBKCS035	9785710529	dushyantvyas@gmail.com
753	11. Jayant Kauratak	16EBKCS048	9784731993	jayantkauratak@gmail.com
751	12. Pankaj Kumar Maloni	16EBKCS074	9219983260	SankeMaloni@gmail.com
75	13. Pankaj Gaur	16EBKCS072	7568150499	G.O.E.L.P.P.P.P@gmail.com
755	14. Richika Marshwari	16EBKCS085	7240181190	RISHIKA_H099@gmail.com
756	15. Queeny Mittal	16EBKCS075	9411400863	QUEENYMITTAL1313@gmail.com
757	16. Akash Sharma	16EBKCS008	8107349611	aksoos45@gmail.com
758	17. Ashish Malik	16EBKCS062	8114467844	Malik123-Ashish@gmail.com
759	18. Suraj Singh Shekhawat	17EBKCS110	9694751608	Surajshekhawat96@gmail.com
763	19. Pankaj Sharma	16EBKCS081	889625895	Sharmepankaj1998@gmail.com
766	20. Keshav Kausik	16EBKCS017	9467574758	Kausik-keshav123@gmail.com
767	21. Dipanshu Mahla	16EBKCS031	8755753065	yashmahla97@gmail.com
768	22. Preeti Choudhary	17EBKCS032	9079872760	Preetichoudhary95@gmail.com
769	23. Anshu Maurya	17EBKCS005	7230895228	Anshumaurya62@gmail.com
780	24. Deepak Aggarwal 3780	16EBKCS000	8440025780	aggarwaldeepak3780@gmail.com
778	25. Harshit Katar	16EBKCS1006	8946824970	Harshit_Katar16@gmail.com
781	26. Pinky	17EBKCS071	9462338885	pinkyburdaks94@gmail.com
783	27. Keena Goyal	17EBKCS097	9079996976	keenaagoyal1010@gmail.com
784	28. Aditya Anand 475X	16EBKCS002	7891513074	adityaanand475@gmail.com
785	29. Ashish	16EBKCS020	7976818626	ashishchhitush@gmail.com
786	30. Astik (NOTA)	16EBKCS023	8250930234	asthunawab@gmail.com
789	31. Ajay Jakkur		9461533390	ayajakkur547@gmail.com
790	32. Supriya	16EBKCS105	7374887829	e208supriya@gmail.com
791	33. Sachin	17EBKCS052	9813614628	Chirubonigal0524@gmail.com
794	34. Preeti Sharma	16EBKCS068	7455971007	preetisharma.apm@gmail.com
795	35. Sameeh Chhita	16EBKCS101	9928330350	sameehchhita@gmail.com
796	36. Alok Maurya	16EBKCS006	7415157261	mauryaalok1997@gmail.com
797	37. Yogesh Saini	16EBKCS036	823223175	Sainiy766@gmail.com
798	38. Mohit Sankhola	17EBKCS301	7999989846	Sankhola.mohit@gmail.com
799	39. Shikhar Aggarwal	16EBKCS019	8685040015	shikhar9400@gmail.com

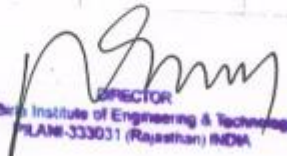
784-28 - Nikhil Mittal

16EBKEX013 9667002079

P.T.O.
Non.nikhil25@gmail.com


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Roll No	Name of student	ID No	Mobile No	Email Id
3802	39 Hemanshu Gulcha	17EBKCS045	7735545167	hemanshu7855462@gmail.com
3803	40 Shubhang Vati	16EBKCS106	2830319504	ShubhangVati14@gmail.com
3805	41 Abhijanku Tiwari	16EBKCS001	7649739442	abhijankuatiwari@gmail.com
3806	42 Shubham Prasad	16EBKCS026	9452969223	shubhamprasad123@gmail.com
3807	43 Shitalika Sharma	16EBKCS094	9521849174	shitalika123@gmail.com
3809	44 Ravindra Singh Tanwar	19EBKCS093	9680454354	tanwar0157@gmail.com
3811	45 Jitendra Khadka	16EBKCS029	9778802284	jitendrakhadka252111@gmail.com
3812	46 Manoj Kumar Tak	17EBKCS060	7665251883	manojtak369@gmail.com
3814	47 Gowar Lohiya		7122067054	gowar.lohiya@gmail.com
3815	48 Rajat Rajan	17EBKCS023	9712910758	rajatarajan355@gmail.com
3816	49 Devendra Sharma	17EBKIT013	7014792863	devendrasharma3003@gmail.com
3822	50 Amit Sharma	16EBKCS016	7014776242	amitsharma@gmail.com
3828	51 Aneesh R S	18EBKCS016	6381214905	aneesh9409@gmail.com
3830	52 Guddu Doshi	16EBKCS016	8472800368	guddudoshi@gmail.com
3833	53 Ashish Kumar	16EBKCS021	958104869	ashishkumar1111@gmail.com
3834	54 Shivam Agarwal	16EBKCS029	9680040065	shivam3600@gmail.com
3836	55 Lokesh Sharma	16EBKCS019	9166346882	lokeshsumit30@gmail.com
3869	56 Jagrity Priya	16EBKCS046	8742889189	jagritipriya22@gmail.com
872	57 Mansi Vema	16EBKCS021	976284762	mansi22@gmail.com
3871	58 Mausha Agarwal	16EBKCS052	9783516657	mausha22@gmail.com
878	59 Dev Bansal	17EBKCS028	8181339157	devbansal4521@gmail.com
1133	60 Eram Rahmani	16EBKCS015	810772212	eramrahmani22@gmail.com
1209	61 PARIKSHIT SAINI	16EBKCS04	7772627977	parikshit16may@gmail.com


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 PLANN-333031 (Raushan) INDIA



illuminate
A series of pre - Eureka
One day workshops for budding entrepreneur

Open to all
No prerequisites
Startup kits to every participants
Certificates from E-cell, IIT Bombay
Free passes for world E-summit 2019
@IIT Bombay

Thursday, 27th September, 2018
1:00 p.m. - 6:00 p.m.
BPTRC Hall
Registration Fees - Rs. 650/-

Coordinators
Jatin Premjani (+91 77372 02546)
Yash Mor (+91 86196 84093)





MEMORANDUM OF UNDERSTANDING

The following are expected from E-Cell BIC, BKBIET in regards to the association with E-Cell, IIT Bombay.

Deliverables from E-Cell, IIT Bombay

1. We will guide the college team and provide mentorship from IIT Bombay's E-Cell team so as to form and develop E-Cell in your college.
2. We will be conducting two workshops, Illuminate (paid) and Envoyage (free), in the year 2018-19. For the workshops we will be providing you with certificates for both the workshops as well as the organizing team will get an organizing certificate signed by the Overall Coordinator of E-Cell, IIT Bombay. For Illuminate workshop we will be providing startup kit to all participants
3. We will be providing you 10 free student passes and 10 free faculty passes for E-Summit.
4. With every 10 paid registrations we will be providing you an extra faculty pass for free, along with the 10 already provided.
5. We will be giving away certificates to students and faculty who will attend the E-Summit 2019.


DIRECTOR
BKBIET Institute of Engineering & Technology
PILANI-333031 (Rajasthan) INDIA



THE
ENTREPRENEURSHIP
CELL
IIT BOMBAY

📍 Student Activity Centre (SAC), IIT Bombay, Mumbai, India
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BIRLA PROFESSIONAL TRAINING & RESEARCH CENTRE, PILANI

Kind Attn: II Year B.Tech EE/EX Students

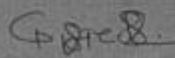
Mr. M K Panchal having 40 years of Industrial Automation Experience in different type of Industry/Multinational Industry in India and Abroad would deliver the Seminar and cover below mentioned points:

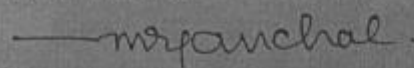
- Career Opportunities in the field of Electrical Engineering for engineering students
- Present Employers and their Recruitment Policies for the Post of Electrical Engineer in the industry in India and Abroad.
- Essential Requirement for the Post of Electrical Engineer in the industry/ Multinational Industry in India and Abroad.
- How to prepare yourself as a talented & skilled engineer through Birla Professional Training & Research Centre (BPTRC) for essential requirement of present industry.
- In this connection, Short Term Course conducted by BPTRC for your bright future and Industrial requirement.

SEMINAR SCHEDULE

Saturday, 1st Sep, 2018

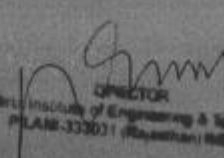
Reporting Time	Stream	Venue
11:30 AM	EE	BPTRC HALL 2


Dinesh Kumar


M K Panchal

(Technical officer)

Birla Professional Training & Research Centre, Electrical)


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Principal Academics



Syllabus for Training-
(For Short Term Course of Electrical II year students)

Theory:

1. International standard terminal marking for phase, electric motor, alternator and transformer.
2. Name plate and their important terms and legends
3. Single phase and three phase generation
4. Electric Motor-Class of insulation, Index of Protection, Connection arrangement.
5. Single Phase and Three Phase Auto Transformer
6. ELCB (Earth Leakage Circuit Breaker)

Practical:

1. Installation of various types of electrical accessories on control wooden board.
2. Practice of PVC casing capping wiring on wiring practice board and check continuity and insulation by Megger.
3. Practice of Godown wiring on wiring practice board using PVC Casing capping.
4. Practice of Staircase wiring on wiring practice board using PVC Casing capping.
5. Practice of Industrial wiring using PVC Conduit pipe.

Introduction of Electrical Motor Parts and practice of its winding.

- a. Dismantle and Assemble of Single Phase Induction motor and introduction of its parts.
- b. Practice of winding of ceiling fan motor.
- c. Practice of winding of cooler fan motor.
- d. Practice of winding of single phase water pump motor.
- e. Practice of winding of 3 Phase Induction motor.

Training Class Timing:

Timing	Day	Stream	Venue
12:30- 1:30 PM	Tue, Wed, Thu & Sat	EE	BPTRC HALL 3

Last date of registration: 15th Sep, 2018

Course will start from 17th Sep, 2018


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Note: In each year students have done a number of Online courses including MOOC(SWAYAM, NPTEL etc.). Its List is included in the student list and certificates can be viewed by clicking on links attached.