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46	Kumar, Nallapaneni Manoj, Reddy, P. Rajesh Kumar Praveen, Kadapalla	EEE	Optimal energy performance and comparison of open rack and roof mount mono c-Si photovoltaic Systems	Energy Procedia	10.1016/j.egypro.2017.05.116	2017	CONFERENCE PAPER
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FPGA implementation of fault tolerant full adder design for high speed VLSI architectures

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Abstract

The essential goal is to distinguish and diminish the deficiencies in full Adder configuration making use of Self checking and Self Repairing Adder Block. The tempo of chip disappointment is straightforwardly relative to chip thickness. A framework should be flaw tolerant to diminish the frustration rate. The nearness of different troubles can demolish the usefulness of complete snake. This paper displays a region proficient flaw tolerant complete snake shape that may repair issues without interfering with the everyday assignment of a framework. The combo and duplicate is finished through way of making use of Xilinx ISE 14.7 and actualized on FPGA Spartan three.. © BEIESP.

Author keywords

Fault tolerance; FPGA spartan 3; Full adder; Self repairing; Self-checking; Verilog; VLSI; Xilinx ISE 14.7

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Low-cost synthesis approach for reversible authenticator circuits in QCA environment

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Abstract

Recently, Quantum-dot Cellular Automata (QCA) based reversible logic circuit has an enormous benefit over CMOS based logic circuit. As a promising technology for Nanoelectronics computing, reversible-QCA has gained more and more attention from researchers around the world. In this paper, a reversible authenticator circuit based on QCA was implemented. This article presents a Nano-authenticator circuit to verify the authenticated and unauthenticated inputs. The proposed QCA designs have been implemented in a different manner from existing designs, which are primarily based on a coplanar design approach. The efficiency of QCA design has been investigated based on parameters such as cell count, area, and latency. Furthermore, missing an additional cell defect of the reversible authenticator has been analyzed, and covers the fault tolerance of 60.41% and 75%, respectively. In addition, the proposed Feynman gate in QCA environment achieves 76.35% area, 12.5% cell count and 95.55% average

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Visual and textual features based email spam classification using S-Cuckoo search and hybrid kernel support vector machine

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Abstract

Spam mail classification has been playing a vital role in recent days due to the uncontrollable growth happening in the electronic media. Literature presents several algorithms for email spam classification based on classification methods. In this paper, we propose a spam classification framework using S-Cuckoo and hybrid kernel based support vector machine (HKSVM). At first, the features are extracted from the e-mails based on the text as well as the image. For the textual features, TF-term frequency is used. For the image dependent features, correrlogram and wavelet moment are taken. The hybrid features have then high dimension so the optimum features are identified with the help of hybrid algorithm, called S-Cuckoo search. Then, the classification is done using proposed classifier HKSVM model which is designed based on the hybrid kernel by blending three different kernel functions and then it is used in the SVM classifier. The additional features provided based on image and the

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Photovoltaic array reconfiguration to extract maximum power under partially shaded conditions

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Abstract

The performance of a photovoltaic (PV) array is affected significantly by several issues like shade intensity, array configuration, array size, and varying climatic conditions. Partial shaded (PS) conditions reduce the array output and increase the mismatch losses of the PV array. Hence, PV array size is to be reconfigured under such situations for satisfactory performance. This chapter mainly focuses on various methods like bypass diode configuration, tracking the maximum power, array configuration, and different reconfiguration strategies. These methods are used to reduce the effect of PS conditions and improve the output of the PV system. © 2019 Elsevier Inc. All rights reserved.

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(2023) Sustainability (Switzerland)

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Exergetic performance analysis of kw scale organic rankine cycle

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Abstract

With the increase in population, awareness, and technology, the demand in power consumption is also rapidly increasing. The extra load on the existing fossil fuel-dependent system is reduced by the use of alternative sources of power generation. Organic Rankine Cycle is one of those alternative sources. In this paper an attempt is being made to study the energy and exergy of a simple ORC for the different working fluid. The different governing equations are coded in MATLAB® R2014a for studying the effect on net work, efficiency, exergy efficiency, and exergy destruction. The maximum efficiency for dry (R-236fa), isentropic (R-227ea) and wet (R-152a) fluid was found to be 6.99%, 20.94%, and 8.66% respectively. The results show that increasing turbine inlet temperature and turbine inlet pressure improves the work output and efficiency, but higher degree of superheat is not beneficial in improvement of efficiency. Thus, instead of increasing the degree of superheat, turbine inlet pressure should be increased to get better performance. The second law efficiency was found to be 20.89% for R-236fa, 25.97% for R-152a, and 61.78% for R-227ea. The results are indicative of use of Organic Rankine Cycle as power generation cycle that can be easily used with renewable energy sources such as Solar, Biomass, and Geothermal, etc. © National Society of Environmental Science and Engineering (SNSIM).

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Bayesian neural networks of probabilistic back propagation for scalable learning on hyper-parameters

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Abstract

Extensive multilayer neural systems prepared with back proliferation have as of late accomplished best in class results in some of issues. This portrays and examines Bayesian Neural Network (BNN). The work shows a couple of various uses of them for grouping and relapse issues. BNNs are included a Probabilistic Model and a Neural Network. The plan of such a plan is to join the qualities of Neural Networks and stochastic demonstrating. Neural Networks display ceaseless capacity approximates abilities. Be that as it may, utilizing back drop for neural networks adapting still has a few disservices, e.g., tuning a substantial figure of hyper-parameters to the information, absence of aligned probabilistic forecasts, and a propensity to over fit the preparation information. The Bayesian way to deal with learning neural systems does not have these issues. Nonetheless, existing Bayesian systems need versatility to expansive dataset and system sizes. In this work we present a novel versatile

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Analyzing Design Parameters of Nano-Magnetic Technology Based Converter Circuit

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Abstract

Digital circuits need improvement in computation speed, reducing circuit complexity and power consumption. Emerging Technology NML can be such an architecture at nano-scale and thus emerges as a viable alternative for the digital CMOS VLSI. This technology has the capability to compute the logic as well as storage into the same device, which points out that it great potential for emerging technology. Since Nano-magnetic, technology fast approaches its minimal feature size, high device density and operate at room temperature. NML based circuits synthesis has to opt for novel half

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Spectate home appliances by internet of things using mqtt and ifttt through google assistant

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Abstract

Development in technology, blooming automation industry, and wireless connectivity are ruling the world using the internet. Many IoT devices are connected with Message Queuing Telemetry Transport (MQTT) protocol and Bluetooth this control your appliances for 10-15 meters using smartphone. This is the costly and old way of communication between appliances. To overcome this problem, this paper presents (IFTTT) protocol to communicate with the smartphone using google assistant to control home appliances, agriculture-boor motors, sprinklers and industries. We have linked IFTTT and MQTT protocol so that it doesn't require any external server. On behalf of it, we need Nodemcu to control and monit or each appliance by using google account (as you all know Google is secured with their own algorithms). We can spectate our work anywhere in the world using smartphone/pc/laptop. We have implemented the IFTTT for controlling the speed of the motor and also the output result will be good. The IFTTT implemented protocol devices helps to us in our daily life, to save the time and fire accidents in large industries.

Author keywords

Automation; Google Assistant; IFTTT; IoT; MQTT; Nodemcu; Smart irrigation

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Lora-iot based self-powered multi-sensors wireless network for next generation integrated farming

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Abstract

The agriculture sector, which is directly or indirectly serves about 7.5 billion people globally is being threatened by the overexploitation of resources, increasing pollution, migration of people from rural to urban, water scarcity, lesser in profit and climate change. This has inflicted damage to the environment, the life cycles of both plants and animals, land and crops, whi ch has in turn create obstruction in the agriculture sector. To overcome the above issues, we proposed the Next Generation Integrated Farming (NGIF) using Long Range-Internet of Things (LoRa-IOT)instead of traditional techniques to improve the productivity, yield better crops and minimize manual labor by proper monitoring of Livestock health, soil health, air temperature, humidity, proper irrigation at correct time, protecting crops from birds and animals. Simulation result shows that hybrid Wi-Fi &LoRaWAN network to support the different IoT connectivity technologies, reduce the complexity and minimize the delays in end-customer decision-making process. Also it suggested that one moveable gateway is well because of lesser deployment cost and more than adequate DER value even though vast farm house.It is predicted that suggested work

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Assessing the Relation between Family Background and Juvenile Delinquency using Data Mining

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Abstract

The soft minds of children can easily be shaped and subjected to twist and bends towards criminal acts. In India the criminal offence by children or Juvenile delinquency by youth is spreading. The main risk factors tendering for the juvenile criminal offences are family parents, financial problems, education, peer groups etc. In this paper, we use association rule mining technique of data mining to make analyses on family background risk factor in juvenile delinquency with help of Indian juvenile crime dataset. The experiment results are investigated for assessing the relation between family background and juvenile delinquency in India. © 2019 IEEE.

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An explicit cell-based nesting robust architecture and analysis of full adder

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Abstract

Moving towards micrometre scale to nanometre scale device shrinks down emerging nanometre technology such as quantum-dot cellular automata as a nesting success. The introduced architecture is robust where the explicit design of full adder and full subtraction uses for Ex-OR design. A new architecture of Ex-OR based on one majority gate is proposed, which its most optimized architecture and its placement of cells from the novel design. The analysis based on simulation showed that the introduced Ex-OR and full adder makes only 11 and 46 cells count, respectively. In proposed Ex-OR design, first output is received with no any latency which can be a suitable design for implementation of the high-speed full adder design. In addition, power estimation results are obtained after simulation

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Dual-Band Dual-Sense Polarization Reconfigurable Circularly Polarized Antenna

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Abstract

This letter presents a novel dual-band circularly polarized slot antenna. The far-field polarization of the antenna can be switched electronically between left-hand circular polarization and right-hand circular polarization. A 50 Ω microstrip feed line is divided into four arms those excite a ground plane slot. The p-i-n diodes are introduced in the arms for polarization switching. A prototype dual-band dual-sense antenna with f_{01} = 2.4 GHz and f_{02} = 5.2 GHz is fabricated using a 1.6 mm thick FR4 substrate. The measured 3 dB axial ratio bandwidths are more than 16.6% and 5.7% at the lower and upper bands, respectively. The measured return loss is more than 10 dB over the wireless local area network (LAN) bands. © 2002-2011 IEEE.

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Implementation of Non-restoring Reversible Divider Using a Quantum-Dot Cellular Automata

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Abstract

The CMOS-based integrated circuit may scale down to nanometer range. The primary challenge is to further downscale the device and high-energy dissipation. Reversible logic does not dissipate energy and no information loss. In this way, the state-of-the-art technology such as QCA was forced toward high-speed computing with negligible energy dissipation in the physical foreground. This work targets the design of non-restoring reversible divider circuit and its implementation in QCA. We have utilized few 2 × 2 FG and 4 × 4 HNG gates as the block construction and also show the QCA implementation

Related documents

Synthesis methods of Baugh-Wooley multiplier and non-restoring divider to enhance primitive's results of QCA circuits
Bhoi, B.K. , Misra, N.K. , Pradhan, M.
(2019) Smart Innovation, Systems and Technologies

Novel robust design for reversible code converters and binary incrementer with quantum-dot cellular automata
Bhoi, B.K. , Misra, N.K. , Pradhan, M.
(2018) Advances in Intelligent Systems and Computing

A novel parity preserving reversible binary-to-BCD code converter with testability of building blocks in quantum circuit
Misra, N.K. , Sen, B. , Wairya, S.
(2018) Advances in Intelligent Systems and Computing

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Application of IoT in Monitoring Patient's Health Ward Relevant Parameters

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Abstract

Internet of things (IoT) proven to be a flexible and widely accepted technology in offering solutions for various problems that we face today. Similarly, IoT has emerged into the healthcare sector providing its support and helps in monitoring relevant parameters. If a typical hospital ward room is considered, numerous factors need to be evaluated thinking of safety and security towards the patient's health. In this paper for addressing the monitory issues of a few selected parameters, an IoT based intelligent alert, and monitoring system was developed. This system helps in monitoring the patient's body temperature, saline levels. In addition to that, smoke or gas leak detections in the patient's room are also observed. Experimental analysis was performed to verify the working scenarios of the developed IoT system. Based on the monitory assessment, alert messages were sent to monitoring authorities in

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Coplanar waveguide fed dual-band dual-sense circular polarized square slot antenna

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Abstract

A novel design of a dual-band dual-sense circularly polarized square slot antenna with two rectangular shaped parasitic patches etched on a single substrate for 1.74/2.82 GHz applications is presented. A coplanar waveguide (CPW) fed line with two horizontal branches of different lengths is used, which produce two different frequencies bands. However, good circular polarization (CP) performance is achieved by adjusting the size of the parasitic patches. The two branches of feed line can excite dual-band dual-sense circular polarized wave. The antenna generates right hand circular polarization (RHCP) and left hand circular polarization (LHCP) radiation at 1.74 and 2.82 GHz, respectively. Lower band is obtained due to 90° phase difference between currents in the two orthogonal branches of the

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Life-cycle cost comparison of electric boosted and natural gas boosted solar water heating systems

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Abstract

The use of solar water heating system is becoming more popular in Australia as the demand for it is raising. Also, the climatic conditions in Australia favour the SWH progress. But in most situations due to the influence of weather and SWH design parameters, the water temperature required by the households are not met. For this, supplying auxiliary fuel is one of the best options but the cost involved in it is to be assessed properly. This paper presents a study on the life cycle cost assessment and greenhouse gas emissions (GHG) produced from the two SWH systems boosted by the auxiliary energy supplies like electric energy and natural gas (namely EBS and NGBS). Results analysed for the Australia household having 3 members in a family (2 adults and 1 child) revels that, life cycle cost (LCC) for electric boosted solar (EBS) water heater, and natural gas boosted solar (NGBS) are AU$ 4468, and

Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018 • Pages 133 - 138 • August 2018 • Article number 8753023 • 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018 • Karnataka • 16 August 2018through 18 August 2018 • Code 149295

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Optical head, mounted displays (ohmd's) in visual inspection of solar and wind power systems

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Abstract

Monitoring of solar and wind power plants are becoming tedious in the present industrial race. Due to the lack of experienced workforce mistakes were continuously made during the inspection time as well as while generating inspection reports. In such situations, visual inspection enabled with computing abilities and informatics would be a great asset. In this paper, one such solution, i.e. Optical Head Mounted Displays (OHMD's) were proposed for the visual inspection of solar and wind power plant systems. OHMD's and their services in solar PV and wind energy systems were explored, and discussions were done based on the technological support. Besides these, possible benefits and arising

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Wearable smart glass: Features, applications, current progress and challenges

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Abstract

Among the recent inventions, smart glass is one of the wearable device typically referred to be switchable glass that is capable of handling a wide range of computing activities that an ordinary human cannot do. It is the amalgamation of technologies that help in converting the transparent nature of the hard glass into the translucent mostly allowing the human to machine interactions. In this paper, insights into the smart glass and its design factors were highlighted. Moreover, its features and various commercially available smart glasses were carefully studied. Besides these, a survey on smart glass applications is made, and various possible new applications were explored. Unlike the possible applications, numerous challenges faced by the smart glasses were explored. © 2018 IEEE.

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Applicability of Wearable Smart Glass for Solar Power Plant Operation and Maintenance

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Abstract

Wearable Devices and their relevant intelligent and integrated computing techniques are presently being discovered to promote extensive claims in many areas. Smart Glass is one such wearable device which attracted many sectors since its official launch as Google Glass in 2014. Currently, no resource exists in the literature that supports the use of Smart Glass for the solar industry. For the first time, this article seeks to expand the Smart Glass applications into the solar power industry especially for

Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018 • Pages 56 - 59 • 2 July 2018 • Article number 8653666 • 2nd International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018 • Palladam, Tamil Nadu • 30 August 2018through 31 August 2018 • Code 145744

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Use of smart glasses in education-A study

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Abstract

Smart glasses proven to be one of the modern computing devices that unite the humans and machines with the help of information and communication technology (ICT). In recent years, it is seen that smart glasses have been used in the medical and gaming applications. However, the features of smart glasses can contribute its services in other fields too. In this paper, a study is carried out to explore the possible application of smart glasses in the education sector. In the investigation, most features of smart glass were found to be in favours with the requirements of teaching and learning process adopted in the

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Floatovoltaics: Towards improved energy efficiency, land and water management

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Abstract

Land and water management is becoming a serious issue with the rise of new and alternative energy conversion devices. Especially with the adoption of large scale solar photovoltaics systems, the need for land usage has been increased. This raised a conflict between solar energy producing owners to land conservation agencies and agricultural societies. To address this, a new photovoltaic system installation method on water surface is introduced. This new trend in photovoltaic installations i.e. 'Floatovoltaics' aims to provide improved energy efficiencies, and a solution to land and water management. Experts believe it could be, but do we have any shreds of evidences on what levels it could contribute to efficiency, land use mitigation, and water management. Here, a study has been carried out outlining the possible benefits of Floatovoltaics along with valid discussion. © IAEME Publication.

Author keywords

Benefits of Floatovoltaics; Floatovoltaics; Improved energy performance; Land and water management; Photovoltaics; PV on water surface; Temperature effect on PV

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Monitoring the water storage facilities using internet of things

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Abstract

Water reserves are getting depleted due to various activities leading to the concerns over water management issues. Keeping this in view, there is a strong need for managing water stored bodied. These include the tasks such as identifying the water reserves, detecting the quantity or level of water present in the stored facility, and corresponding actions that would help in achieving water sustainability. In this paper, internet of things (IoT) based system was developed concentrating on the application of water level detection. A combination of electronic, information and communication devices are used during the implementation. Three test cases were defined in the developed water level detection system. An experimental investigation was carried out to analyze the developed device performance on detecting water level availability in the stored facility. Three different water stored facilities (water stored in the bottle, water stored in the household tank, and water preserved in the pool at education institute). The experimental results show that system can work effectively in identifying the water level in any water reserves within its limitations. Developing and implementation of such systems could give better flexibility in water management issues. © IAEME Publication

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Monitoring the smart garbage bin filling status: An iot application towards waste management

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Abstract

Garbage bins play a vital role in the waste collection process at the primary level itself. But the collected waste in the garbage bins must regularly be monitored, and from there it must be delivered to processing plants. This practice of continuous monitoring, transporting and processing contributes to the waste management. But the process of monitoring garbage bins would become difficult for the ones placed at inaccessible and remotely located sites. If such situations were prevailing continuously then the waste deposited in the bins will be increasing than to the accommodative levels resulting in spillover. Hence, there is a need for continuous monitoring of the garbage bins. In this paper, 'Smart Garbage Bin' (SGB) enabled with 'Internet of Things' (IoT) is developed. SGB's generally embedded with the ultrasonic sensors used for sensing the garbage levels, information and communication devices that help in networking, interconnection, and data transfer. The developed bin allows us to monitor the amount of waste filling in it by sending information about its filling status as applicable among these defined test cases 0% or Empty, 50% or Medium, 90% or Nearly Full, 100% or Full, and Threshold Crossed or Spill Over. The test cases were chosen based on the realistic possibilities of offering the waste collection service. The developed SGB was tested experimentally for analyzing the defined test cases.

2017 Recent Developments in Control, Automation and Power Engineering, RDCAPE 2017 • Pages 416 - 420 • 11 May 2018 • 2017 Recent Developments in Control, Automation and Power Engineering, RDCAPE 2017 • Noida • 26 October 2017through 27 October 2017 • Code 136445

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Performance optimization of self excited induction generator: A state of art

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Abstract

This paper present a state of art literature review discussing the types of induction generator, modelling techniques, capacitance requirement, performance analysis together with optimization techniques required for controlling the voltage regulation and frequency. This paper focussed on providing a comprehensive perspective on non linear load condition in Self excited induction generator(SEIG). The contribution of various researchers in this area serve the readers as a useful and ready reference. © 2017 IEEE.

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Performance comparison of building integrated multi-wattage photovoltaic generators mounted vertically and horizontally

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Abstract

This paper deals with the simulated study that is carried out using PV-Online tool for analyzing the performance of building integrated multi-wattage photovoltaic generators (MWPVG's). Si-mono and Si-poly type MWPVG's were considered for mounting on a building in vertical and horizontal manner. MWPVG's represents DC PV generators whose rating is in kWp. In this study, 1 kWp, 2 kWp, 5 kWp and 10 kWp MWPVG's were considered and the same were used for simulation in vertical and horizontal

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Efficient argument checks for different assertions using various packages in r programming

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Abstract

R is a powerfully written programming dialect which grants software engineers to scribble down regular, adaptable and compact code. R is executed with Read-Eval-Print-Loop (REPL) condition. However, this flexibility has a drawback, the R translator has no contemplation of the normal permanent write, such a great deal of base capacities of R consequently changes over the enter set up of raising an exemption. Woefully, this routinely prompts run time blunders further down the call stack which clouds the initial inconvenience and surrenders troubleshooting mission. As a practical, attestations might be procured to hit upon sudden enter for the term of run time and to sign conceivable and traceable mistakes. The projects checkmate, declare that and ensure give a surfeit of capacities to test the sort and related homes of the most routinely utilized R things and instable sorts.

Author keywords

Assert that; Assertions; Benchmarks; Checkmate; Defensive Programming; Dynamically Typed language; Ensurer; REPL Environment

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Evaluation of mechanical properties of steel fibre reinforced concrete with OPC43 and 53 grades

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Abstract

The various previous research studies have proved that plain concrete possesses low tensile strength, low resistance to cracking and limited ductility. The addition of fibers enhanced various characteristics of concrete, it has also been proved that the use of steel fibres improved the strength of concrete. Steel fibre is considered to be the most popular type of fibre used as concrete reinforcement. The basic purpose of using steel fibre is to prevent or control plastic and drying shrinkage. Steel fibres also increase flexural strength, ductility, durability and reduce fatigue. The present study focuses on the mechanical properties of steel fibre reinforced concrete. (SFRC) prepared with two grades of OPC 43 and 53. As per IS 10262-2009 M40 grade of concrete with super plasticizer at water cement ratio 0.40 is considered for the study. The steel fibre with varying percentage of composition i.e. 1%, 2 %, 3%, 4%, 5% and 6% is added by weight of cement. The strengths and durability of SFRC are studied and compared with the controlled concrete. © TJPRC Pvt. Ltd.

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An Extensive Review on Data Mining Methods and Clustering Models for Intelligent Transportation System

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Abstract

Data mining techniques support numerous applications of intelligent transportation systems (ITSs). This paper critically reviews various data mining techniques for achieving trip planning in ITSs. The literature review starts with the discussion on the contributions of descriptive and predictive mining techniques in ITSs, and later continues on the contributions of the clustering techniques. Being the largely used approach, the use of cluster analysis in ITSs is assessed. However, big data analysis is risky

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Investigation of process parameters optimization in die-sinking and wire cut EDM to improve process performance using taguchi technique

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Abstract

Electrical discharge machining (EDM) is a well-established machining option for manufacturing geometrically complex or hard material parts that are extremely difficult-to-machine by conventional machining processes. The non-contact machining technique has been continuously evolving from a mere tool and dies making process to a micro-scale application machining alternative attracting a significant amount of research interests. This involves optimization of the process parameters by relating these with the performance measures maximizing the MRR, while minimizing the TWR and yielding the desired SR.The monitoring and control of the EDM process will be carried out by the

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A novel parity preserving reversible binary-to-BCD code converter with testability of building blocks in quantum circuit

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Abstract

The reversible logic circuit is popular due to its quantum gates involved where quantum gates are reversible and noted down feature of no information loss. In this paper, parity preserving reversible binary-to-BCD code converter is designed, and effect of reversible metrics is analyzed such as gate count, ancilla input, garbage output, and quantum cost. This design can build blocks of basic existing

Materials Today: Proceedings • Volume 5, Issue 5, Pages 11751 - 11761 • 2018 • 2018 International Conference on Materials Manufacturing and Modelling, ICMMM 2017 • Vellore • 9 March 2017through 11 March 2017 • Code 137265

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Buckling Analysis of Composite Cylindrical Shell with Cutout Section

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Abstract

In the construction of aerospace structures the use of cylindrical shell-type components with cut-out sections are unavoidable. The fact is prominent because the structural failure of these components commonly occurs at the cut-out because of high stress concentrations that begin to the cracks formation. Therefore, a cu-tout can cause a local failure at a load level which is less than the global failure load of a similar type shell without a cut-out section. Because of which the design sizing of a cylindrical shell with a cut-out is often based on the value of the stress near the cut-out. For the development of safe and reliable designs an accurate assessment of the stress concentrations in a given shell which is subjected to different kinds of loading is analysed. The objective of the present paper is to determine the stress and deformation values in a thin laminated composite cylindrical shell with an elliptical cut-out by buckling and static analysis. The cylindrical shell considered in this is effect of cut out in pressure vessels. The modeling of the cylindrical shell is done in Pro-E and analysis is carried out

Materials Today: Proceedings • Volume 5, Issue 2, Pages 3456 - 3464 • 2018 • 7th International Conference of Materials Processing and Characterization, ICMPC 2017 • Hyderabad, Andhra Pradesh • 17 March 2017through 19 March 2017 • Code 135466

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Conference Proceedings

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Outdoor measurement of mono and poly c-Si PV modules and array characteristics under varying load in hot-humid tropical climate

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Abstract

This paper introduces the outdoor performance of mono and poly c-Si PV modules and array under hot-humid tropical climate. An experimental setup which is portable and flexible is designed for assessing the performance of PV modules under any climate at any location. In this paper, two different types of PV modules were chosen and their outdoor performance is assessed based on various parameters. These parameters include open circuit voltage, short circuit current, maximum power

Related documents

Data acquisition system: On the solar photovoltaic module and weather parameters monitoring
Soumia, B. , Nallapaneni, M.K. , Ali, T.
(2018) Procedia Computer Science

Proposal design of an open source automated system for photovoltaic panels characterization by electronic charge method
Santamaria, M. , Correa, N.M. , Moreno, J.E.
(2018) IEEE Latin America Transactions

Optimal energy performance and comparison of open rack and roof mount mono c-Si photovoltaic Systems
Kumar, N.M. , Reddy, P.R.K. , Praveen, K.
(2017) Energy Procedia

Advances in Intelligent Systems and Computing • Volume 632, Pages 309 - 322 • 2018 • 3rd International Conference on Intelligent Computing and Applications, ICICA 2016 • Akurdi, Pune • 21 December 2016through 22 December 2016 • Code 209249

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Development of single and multi-jet conical nozzle based open jet facility for cold jet simulation

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[a] Department of Aerospace Engineering, Karunya University, Coimbatore, 641114, India

[b] Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology, Ranga Reddy, Mangalpally, 501510, Telangana, India

Abstract

A significant negative impact is possible on practical high-speed propulsion applications due to shock wave and boundary layer interactions (SWBLI) when a supersonic jet is discharged out from a nozzle. So it is important to study the impacts associated with SWBLI. To study further, it is essential to analyze the physics of supersonic jet flow field by developing an open jet facility (OJF) in the laboratories. Supersonic jet can be produced in laboratories by allowing compressed air to escape through a nozzle into the atmosphere. Modeling, fabrication, and CFD simulation of nozzle-based open jet facility will help in understanding the supersonic jet flow. In this paper, an open jet facility is

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Article

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Networking of tracking radars of two different SAM weapons to protect the missile in intensive jamming environment

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Save all to author list

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Abstract

Many countries including India use the Russian made SAM-3 (Pechora) surface-to-air missile (SAM) weapon systems to protect their strategic and tactical infrastructure. The mathematical computations done in this paper, conclusively proves that SA-125 low-blow tracking radar of Pechora is vulnerable to jamming. A project was undertaken to overcome the jamming vulnerability of Pechora aiming to design and develop an electronic counter counter measure system. This system networked the Pechora tracking radar with a western tracking radar, Flycatcher, developed by HSA Holland. The latter radar works in a MMW band. When jamming (x band) is employed by enemy aircraft the Low blow radar failed to provide target coordinates. But the flycatcher tracking radar which is tracking in Ka band provided the tracking coordinates (after parallax correction) to the command guidance computer. This

Proceedings - 2017 IEEE International Conference on Electrical, Instrumentation and Communication Engineering, ICEICE 2017 • Volume 2017-December, Pages 1 - 6 • 12 December 2017 • 2017 IEEE International Conference on Electrical, Instrumentation and Communication Engineering, ICEICE 2017 • Karur, Tamilnadu • 27 April 2017through 28 April 2017 • Code 133900

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Optimal placement of static VAR compensator (SVC) in power system along with wind power generation

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Abstract

Power system is nothing but a power Generation, power Transmission and power Distribution. Most of the conventional energy sources generate the power at the hill areas or at the longer distances from electrical consumers, so that an electrical transmission and distribution system plays a vital role in power system. Since most of the electrical loads are inductive loads and transmission and distribution

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Journal

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Performance Improvement of Proxy Mobile IPv6 for the Support of Multi-homing

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Save all to author list

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Abstract

Nowadays the mobile communication is developing vigorously. In the modern context this is known as the Next Generation of Communication. The Mobile Node (MN) plays a vital role in the mobile communication. There are two types of mobility management protocols. One is host-based mobility management protocol and the other is network-based mobility management protocol. The host-based mobility management protocol requires MN participation during communication. More over it also decreases the ability of mobile communication. Proxy Mobile IPv6 (PMIPv6) overcomes this problem. PMIPv6 is a network mobility management protocol. During communication, it does not require any MN participation. The inter-technology handover or flow mobility can performed in PMIPv6 with the help of Virtual Interface (VI). In the VI, the Link Layer Identifier (LL-ID) is used to identify the network interface which is used for the communication of data link layer. The main task of these VIs is to maintain the secrecy of the Physical Interface (PI). The VI has the capability to maintain the secret of

2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies, ICICICT 2017 • Volume 2018-January, Pages 588 - 596 • 2 July 2017 • 2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies, ICICICT 2017 • Kannur • 6 July 2017through 7 July 2017 • Code 136091

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Conference Paper

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Estimation of grid feed in electricity from roof integrated Si-amorph PV system based on orientation, tilt and available roof surface area

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Abstract

This paper presents, a study on grid feed-in electricity estimations from a roof integrated PV system. The system is configured with Si-amorph PV array, inverter, utility meter and electric power grid. Parameters that would influence PV electricity like roof or PV array orientation (north east, east, south east, south, south west, west, north west, and north), tilt angle (0°, 15°, 30°, 45°, 60°, 75°, and 90°), and available roof surface area (2 Sq. m, 10 Sq. m, 20 Sq. m, 50 Sq. m, 100 Sq. m, 200 Sq. m, 500 Sq. m and

2017 4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics, UPCON 2017 •
Volume 2018-January, Pages 184 - 190 • 28 June 2017 • 4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics, UPCON 2017 • Mathura • 26 October 2017through 28 October 2017 • Code 134093

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Conference Proceedings

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Transmission line model for inherently stable MSWCNT bundled global interconnect for 22nm technology node

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Abstract

The paper aims to perform stability analysis of Metallic Single Walled Carbon Nanotube (MSWCNT) bundled global interconnects, based on transmission line mode (TLM) using a sixth order linear parametric expression. The effect of dimensional variations (length and diameter) in interconnects with respect to global regimes are analyzed through Bode plots specific to 22nm technology node. It is realized that the increment in the stability of the system is in accordance with dimensional variations, making them a viable option as interconnects in nanometer regime. © 2017 IEEE.

Author keywords

ABCD transmission parameter matrix; mean free path; MSWCNT; SWCNT

International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings

• Pages 1176 - 1180 • 22 June 2017 • Article number 7955626 • 2016 IEEE International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 • Paralakhernundi, Odisha • 3 October 2016through 5 October 2016 • Code 128486

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Induction motor speed control by carrier modulation based matrix converter

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Abstract

Speed control of induction motor is one of the vastly used application nowadays. Efficient, harmonic free and affordable control is a major challenge faced by the engineers. Speed Control of Induction motor using carrier based modulation of matrix converter is excellent modulation scheme as compared other modulation techniques as it eliminates harmonics and balances any unbalanced loads. It's a pulse width modulation method using carrier based modulator for an easier matrix converter control. A simulation model of Matrix Converter along with Induction motor has been presented. © 2016 IEEE.

Author keywords

Carrier based modulation; Matrix converter; Speed control of induction motor

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Conference Paper

Source type
Conference Proceedings

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10.1109/ICNTE.2017.7947973

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Placement analysis of rectangular components within the work volume using a SCARA robot

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Abstract

Selective Compliance Articulated Robot Arm (SCARA) manipulator is a very common use for pick and place applications. At present scenario more research is aimed towards 3D printing, Deburring etc. The present work aims at presenting the best placement position of a rectangular workpiece within the workspace using a SCARA robot. Fabricated SCARA robot Kinematics are verified using videographic analysis compared with MATLAB analysis. A video is recorded for the motion of joint angles of a fabricated SCARA robot to trace the path of a square component. Using Corel software virtual protractors positioned in the video. In VLC player with Virtual protractors kinematics of SCARA robot are analyzed. Joint angles calculated from the videographic analysis are using as an input to the

International Conference on Electrical Power and Energy Systems, ICEPES 2016 • Pages 420 - 425 • 1 May 2017 • Article number 7915968 • 2nd International Conference on Electrical Power and Energy Systems, ICEPES 2016 • Bhopal • 14 December 2016through 16 December 2016 • Code 127556

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Conference Paper

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Conference Proceedings

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Speed control of 3-phase Induction motor fed through direct matrix converter using GSPWM technique with unity input power factor

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Abstract

This paper illustrates the method of speed control of three phase Induction motor using V/F control method which is fed through the direct matrix converter. To make the input power factor unity, the rectifier side of the direct matrix converter is controlled through GSPWM technique. The main advantage of using the direct matrix converter is that the dc-link storage is removed in the proposed one which makes the system rugged, robust and maintenance free. Apart from that, the use of GSPWM technique has drastically reduced the switching losses as explained. The controlling is also efficiently improved and hence the phase current waveform obtained is sinusoidal as desired with less harmonic

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Article

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Journal

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View more

Asymmetric Synthesis of Functionalized 2,5-Pyrrolidinediones and β-Lactams through Diastereospecific Cycloisomerization/Rearrangement of Chiral Ethanolamine-Derived Ugi Adducts

Ramanivas, Triparagiri[a, b]; Parameshwar, Matam[a, b]; Gayatri, Gaddamanugu[c, e]; Nanubolu, Jagadeesh Babu[d]; Srivastava, Ajay Kumar[e, f]

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Hide additional affiliations

Proceedings of 2016 International Conference on ICT in Business, Industry, and Government, ICTBIG 2016 • 4 April 2017 • Article number 7892670 • 2016 International Conference on ICT in Business, Industry, and Government, ICTBIG 2016 • Indore • 18 November 2016through 19 November 2016 • Code 127222

Document type
Conference Paper

Source type
Conference Proceedings

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DOI
10.1109/ICTBIG.2016.7892670

View more

Clustering protocols and a few concerns with Clustering algorithms intended for Wireless Sensor systems

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Abstract

As of late, the uses of Wireless Sensor Networks (WSNs) have become hugely. In WSNs there is one component used to develop the lifespan of system and give more productive working methodology that is bunching. Grouping is a procedure to subdivide the detecting field of sensor system into number of bunches. Every bunch chooses a pioneer called group head. A bunch head might be chosen by the sensor hub in the group or pre doled out by the system originator. Upgraded Clustering can spare part of vitality in the system. © 2016 IEEE.

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Blockage With in Wi-Fi Sensor Networks in Addition to Systems Regarding Controlling Congestion

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Abstract

The intriguing characteristics of remote sensor systems, for instance, mindful nature of action to base station that happens through its various to-one topology and effect in physical channel are essential reasons of stop up in remote sensor frameworks. Also when sensor center points imbue material data into framework the block is possible. Blockage impacts the predictable stream of data, loss of information, deferral in the arrival of data to the destination and undesirable use of gigantic measure to a great degree obliged measure of imperativeness in the hubs. Along these lines Clog in remote sensor frameworks ought to be controlled with a particular deciding objective to draw out structure lifetime improve sensibility, high essentialness capability, and upgrade nature of organization. This

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Book Chapter

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Evaluating the Performance of Tree Based Classifiers Using Zika Virus Dataset

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Abstract

Data mining have been used in real time applications due to its artificial intelligence nature. Data mining is highly used in medical domain as it helps in making better predictions and supports in decision making. It also supports physicians in developing better diagnostic treatments. We have used Data mining to analyze Zika virus disease which leads to many deaths in South Africa and America. Zika virus is very fatal and spreads due to virus transmitted primarily by Aedes Mosquito. In this research work we have worked on tree based mining algorithms and further improvement is done by using filters which removes noise from the dataset. In this we worked on J48, decision tree, SVM and Random forest algorithms and indicate Experimental results. © Springer Nature Singapore Pte Ltd. 2017.

Energy Procedia • *Open Access* • Volume 117, Pages 136 - 144 • 2017 • 1st International Conference on Power Engineering Computing and CONtrol, PECCON 2017 • Chennai, Tamil Nadu • 2 March 2017through 4 March 2017 • Code 130810

Document type
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Conference Proceedings

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Optimal energy performance and comparison of open rack and roof mount mono c-Si photovoltaic Systems

Kumar, Nallapaneni Manoj ; Reddy, P. Rajesh Kumar; Praveen, Kadapalla
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Abstract

Optimal energy performance of a 5 kWp mono crystalline silicon (mono c-Si) photovoltaic system is evaluated in this paper. This analysis is carried out for six different Indian cities. A photovoltaic system with similar electrical configuration and other loss parameters with two different installation methods is simulated. These installation methods includes open rack and roof mount array with fixed orientation and optimal tilt angle. The simulation is carried out using NREL software tool i.e. PV Watts with available solar radiation data resource and with appropriate plant specifications for each city separately. Results shows the comparative analysis of PV electricity yield of open rack and roof mount

Related documents

Performance of Rooftop Solar PV System with Crystalline Solar Cells
Atluri, K. , Hananya, S.M. , Navothna, B.
(2018) 2018 National Power Engineering Conference, NPEC 2018

Technical and Economic Assessment of PV Resource Based DC and AC Connected Behind the Meter System for Residential Load
Aftab, K.H. , Yaseen, M.Y. , Asim, M.

Energy Procedia • *Open Access* • Volume 117, Pages 180 - 189 • 2017 • 1st International Conference on Power Engineering Computing and CONtrol, PECCON 2017 • Chennai, Tamil Nadu • 2 March 2017through 4 March 2017 • Code 130810

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Performance analysis of 100 kWp grid connected Si-poly photovoltaic system using PVsyst simulation tool

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[b] Department of Energy and Environment, TERI University, Vasant Kunj New Delhi Delhi, 110 070, India

Abstract

This paper analyzes the simulated performance of 100 kWp grid connected Si-poly photovoltaic system. This study was conducted to evaluate the feasibility of installing a photovoltaic system for supplying the electric load of an educational institute. The simulated system comprises 323 Si-poly PV modules. Each PV module has a rating of 310 Wp. All the PV modules are arranged in 17 strings, with each string made up of 19 modules in series. Four solar inverters, each having a rating of 20 kW are used for interconnecting with the grid through a utility meter. The simulation is carried out using PVsyst V6.52 software. Meteonorm 7.1 weather data sets of solar radiation and ambient temperature

Advances in Intelligent Systems and Computing • Volume 516, Pages 491 - 500 • 2017 • 5th International Conference on Frontiers in Intelligent Computing Theory and Applications, FICTA 2016 • Bhubaneswar • 16 September 2016through 17 September 2016 • Code 189629

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Join operations to enhance performance in hadoop mapreduce environment

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[b] Sri Venkateswara College of Engineering, JNTUA, Anantapur, India

[c] Dayananda Sagar University, Bangalore, India

Abstract

Analyzing large data sets is gaining more importance because of its wide variety of applications in parallel and distributed environment. Hadoop environment gives more flexibility to programmers in parallel computing. One of the advantages of Hadoop is query evaluation over large datasets. Join operations in query evaluation plays a major role over the large data. This paper Ferret outs the earlier solutions, prolongs them and recommends a new approach for the implementation of joins in Hadoop.

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Diverse execution dimensions for information conveyance in distant sensor systems

Krishna, Konda Hari ; Kumar, Tapas ; Sureshbabu Y. ; Sainath N. ; Madanmohan R. ; Jeny, J. Rethna Virgil

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Abstract

For Remote sensor systems, there is an advancement criteria for the system sway on the lifetime can be maintained with the vitality and it can be non-renewable of sensor hubs. Streamlining should be possible for the present and existing strategies taking into account three instrument and they are versatile radio transmission power, abusing hub repetition and topology control. My work depends on sensor hubs particularly frail and solid hubs which can be execute on leftover vitality and propose a topology called Bunching based topology control convention. This convention augments system

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Diverse execution dimensions for information conveyance in distant sensor systems

Krishna, Konda Hari ; Kumar, Tapas ; Sureshbabu Y. ; Sainath N. ; Madanmohan R. ; Jeny, J. Rethna Virgil

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[a] Dept. Of. Computer Science and Engineering, Bharat Institute of Engineering and Technology, Hyderabad, India

Abstract

For Remote sensor systems, there is an advancement criteria for the system sway on the lifetime can be maintained with the vitality and it can be non-renewable of sensor hubs. Streamlining should be possible for the present and existing strategies taking into account three instrument and they are versatile radio transmission power, abusing hub repetition and topology control. My work depends on sensor hubs particularly frail and solid hubs which can be execute on leftover vitality and propose a topology called Bunching based topology control convention. This convention augments system

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An efficient placement of electronic components using genetic annealing algorithm: Comparative study

Eswarawaka, Rajesh[a] ; Rao, Tarun[b] ; Reddy, P Vijay Bhaskar[c] ; Pagadala, Pavan Kumar[d]
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Abstract

The optimization of printed circuit board and placing the electronic components with effectively is a challenging task. However, this work presents minimization of wire-length and failure rates of the board arising irregular local heat accumulation. By understanding the literature related to the problem in this work we obtained a comparative Pareto-optimal solution set which is absolutely dominated the earlier related solutions. The method proposed utilizes a procedure for representing multi-objective evolutionary algorithm which is capable of identifying repeated Pareto-optimal solutions. furthermore, the proposed idea is illustrated the flexibility with efficiency and parallel optimal placement of

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Vertical Axis Wind Turbine: Aerodynamic Modelling and its Testing in Wind Tunnel

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[b] Department of Electrical and Electronics Engineering, Bharat Institute of Engineering and Technology, Ranga Reddy, Telangana, 501 510, India

Abstract

This paper presents aerodynamic modelling, fabrication and the performance evaluation of vertical axis wind turbine (VAWT). Aerodynamic modelling of VAWT is designed using software tools by considering NACA0012 airfoil whose chord length is 0.12 m. Aluminum material based light weight 3 bladed practical prototype model of VAWT having rotor diameter and rotor height as 0.36 m and 0.40 m respectively is fabricated. This practical prototype model is tested in subsonic wind tunnel to analyze the performance parameters like power in the wind, mechanical power at turbine shaft, tip

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Fossil Fuel to Solar Power: A Sustainable Technical Design for Street Lighting in Fugar City, Nigeria

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Abstract

This paper presents a study on replacing the usage of fossil fuel energy with solar energy for lighting the dark and depressing streets of Fugar city, Nigeria. Fugar city is quite populated area without any street lights, almost every house use fossil energy to light up the streets which they access. The main objective is to select best solution among diesel generators, grid electricity, on-site solar photovoltaics and off-site solar photovoltaics. In order to have a sustainable solution for lighting up 210 LED street lights, the four proposed solutions were analyzed based on their technical feasibility, environmental parameters like CO2 emission analysis and cost analysis with simple payback periods. Analysis showed

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A Generic Algorithm to Improve the Performance of Wireless Sensor Network Protocol

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[b] P.G Dept of Computer Science, JKC College, Guntur, India

[c] Department of Computer Science and Engineering, Lingaya's University, Faridabad, India

Abstract

A multi-hop wire-less network is composed of large number of nodes and consecutive links between them so that when a packet is transmitted from one node to another it goes through several path. Wireless sensor network normally consists of large number of distributed nodes that organizes them into a multi-hop wireless network. In wireless sensor network one of the main problems is related to energy issue because every node is operated by battery. To have large network life time all nodes need to minimize their energy consumption. Node is composed of small battery so that the energy associated with this node is very less. So replacing and refilling of battery is not possible which is very costly. Hence some techniques are applied through which the energy associated with each node can be

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Wireless Sensor Network Topology Control Sing Clustering

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Abstract

A wireless sensor network consists of many wireless nodes forming a network which are used to monitor certain physical or environmental conditions, such as humidity, temperature, sound etc. Some of the popular applications of sensor network are area monitoring, environment monitoring (such as pollution monitoring), and industrial and machine health monitoring, waste water monitoring and military surveillance. Topology control in WSNs is a technique of defining the connections between nodes in order to reduce the interference between them, save energy and extend network lifetime. The Objective of my paper is to Maximize the network lifetime. The algorithm proposed is a modification to the CLTC framework first we form clusters of nodes using K-Means, in second phase we do intra-cluster

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Wireless Network Topological Routing in Wireless Sensor Networks

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[b] P.G Dept of Computer Science, JKC College, Guntur, India
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Abstract

Wireless Sensor Networks (WSNs) consist of thousands of tiny nodes having the capability of sensing, computation, and wireless communications. Many routing, power management, and data dissemination protocols have been specifically designed for WSNs where energy consumption is an essential design issues. Since wireless sensor network protocols are application specific, so the focus has been given to the routing protocols that might differ depending on the application and network architecture. The study of various routing protocols for sensor networks presents a classification for the various approaches pursued. The three main categories explored are data-centric, hierarchical and

Related documents

Comparison of flooding and directed diffusion for wireless sensor network
Sharma, G. , Bala, S. , Verma, A.K.
(2009) Proceedings of INDICON 2009 - An IEEE India Council Conference

A New Approach to Improve Energy Consumption Time and Life Time using Energy Based Routing in WSN
Poornimha, J. , Senthil Kumar, A.V. , Abdullah, H.M.A.
(2021) 2021 IEEE International Conference on Emerging Trends in Industry 4.0, ETI 4.0 2021

Using mobile agent in clustering method for energy consumption

International Conference on Electrical, Electronics, Signals, Communication and Optimization, EESCO 2015 • 9 September 2015 • Article number 7253886 • International Conference on Electrical, Electronics, Signals, Communication and Optimization, EESCO 2015 • Visakhapatnam, Andhrapradesh • 24 January 2015through 25 January 2015 • Code 118055

Document type
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DOI
10.1109/EESCO.2015.7253886

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Notice of Removal: Carrier based modulation for the SVM of the matrix converter

Prasad, P. Shambhu[a] ; Kumar, A. Naveen[b]
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[a] Dept of EEE, Bharat Institute of Engineering and Technology, Hyderabad, India
[b] Dept of EEE, CVR College of Engineering, Hyderabad, India

Abstract

A carrier based modulation of matrix converter is efficient modulation scheme as compared to space vector modulation. It also eliminates harmonics and unbalanced input voltages. It's a general pulse width modulation method using carrier based modulator for an easier matrix converter control. Simulation results are presented to validate its equality with SVM. © 2015 IEEE.

Author keywords

carrier based modulation; matrix converter; pulse width modulation

Indexed keywords

Advances in Intelligent Systems and Computing • Volume 338, Pages 367 - 379 • 2015 • 49th Annual Convention of Computer Society of India: Emerging ICT for Bridging the Future, AISC 2014 • Hyderabad • 12 December 2014through 14 December 2014 • Code 111669

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DOI
10.1007/978-3-319-13731-5_40

Network quality estimation – Error protection and fault localization in router based network

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[b] Bharat Institute of Engineering and Technology, Hyderabad, India
[c] JNTUH, Hyderabad, India

Abstract

Devices of Network are used for Different purposes like Huge data transmission, easy to access and time saving are the applications of digitized communication system. Wireless communication systems consist of a number of routers and links. Processing speed, link failure, control of one router over another router as well extended delay causing huge problems in transmission. The proposed method is based on a three phased technique. The network parameter detection phase includes a protocol oriented technique for network parameter considerations and mutual node communication. To provide communication the second phase includes security inclusion in network correlated nodes. Here this

Proceedings - 2014 13th International Conference on Information Technology, ICIT 2014 • Pages 368 - 373 • 5 February 2014 • Article number 7033352 • 2014 13th International Conference on Information Technology, ICIT 2014 • Bhubaneswar, Odisha • 22 December 2014through 24 December 2014 • Code 110880

Document type
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Conference Proceedings

ISBN
978-147998084-0

DOI
10.1109/ICIT.2014.39

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An alternative methodology for authentication and confidentiality based on zero knowledge protocols using diffie-hellman key exchange

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[b] Dept. of Computer Science and Engineering, University Academic Audit Cell, JNT University, Hyderabad, Andhra Pradesh, India

Abstract

This paper presents a concept for a new method to provide the authentication and confidentiality using zero knowledge protocol and key exchange. Zero knowledge proof protocol is a essential component of cryptography, which in recent years has increasingly popular amongst scholars. Its applications have widened and it has made inroads in several areas including mathematics and network safety and so on. This simple protocol based on zero knowledge proof by which user can prove to the authentication server that he has the password without having to send the password to the server either clear text or in encrypted format. This is a protocol in which the data learned by one party

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6.5.3 Quality assurance initiatives of the institution

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Department of Electronics and Communication Engineering

Sl No	Description	Details
1	Name Of The Activity	**Short term training program on problem based learning (ICT15)**
2	Date Of Conduction	02/12/19 to 06/12/2019
3	Number of Participants	65
4	Venue	Electrical and Electronics Department
5	Chief Guest/Speakers	Dr.Indrajit Saha ,Dr.Arpan kumar Mondal,Dr.Sagarika pal,and Dr.Kinsuk Giri.

Description/Conclusion:

A short term training program on problem based learning was conducted jointly by National Institute of Technical Teachers' Training & Research (**NITTTR**), **Kolkata** and Bharat Institute of Engineering and technology from 02/12/19 to 06/12/2019. Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to support, enhance, and optimise the delivery of information.This technology improves the quality of education and makes use of efficient ICT based technologies in an institution. This will open up more opportunities for the teachers and students as well and makes teaching and learning a an interesting act.

Total 108 participants were registered for this course and 65 attended the course.The course was conducted by Dr.Indrajit Saha ,Dr.Arpan kumar Mondal,Dr.Sagarika pal,and Dr.Kinsuk Giri.The content delivery was through the teleconferencing mode It was Jointly hoisted by Department of electrical and electronics and electronics and communication engineering.The coordinator of event was Dr.Balmurugan K.S.Various faculties were cleared the doubets in question answer session.

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NITTR ICT FDP on Problem based learning-Day 2.

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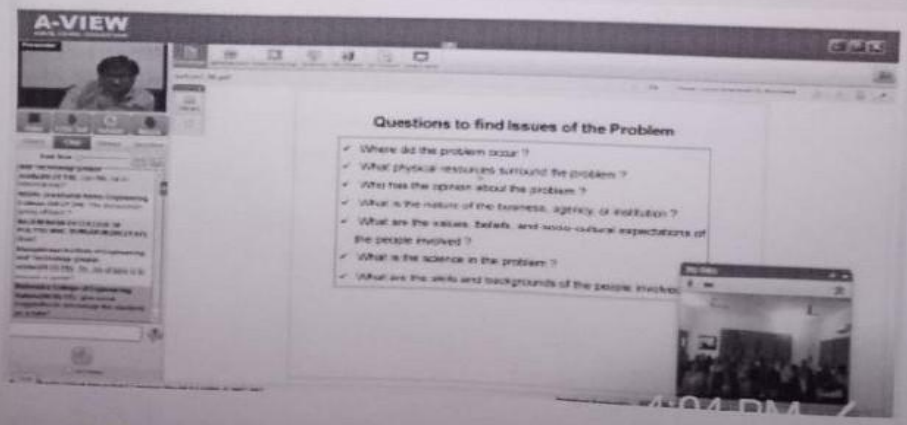

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06/12/2019 Inbox

NITTTR Kolkata 11/27/2019
to abhisaxena0212, anjos...

Dear Sir/Madam

In response your email, it is informed you that your Institute is selected to attend the ICT Mode STTP on "**Problem Based Learning (ICT15)**" will be held from **02/12/2019 to 06/12/2019**, coordinated by Dr. Indrajit Saha, Dr. Arpan Kumar Mondal, Dr. Sagarika Pal and Dr. Kinsuk Giri the said course will be started from 10:30 a.m.

Institute ID & Password created and send it as early possible.

All selected participants are requested to attend the class regularly and attentively.

Thanking you

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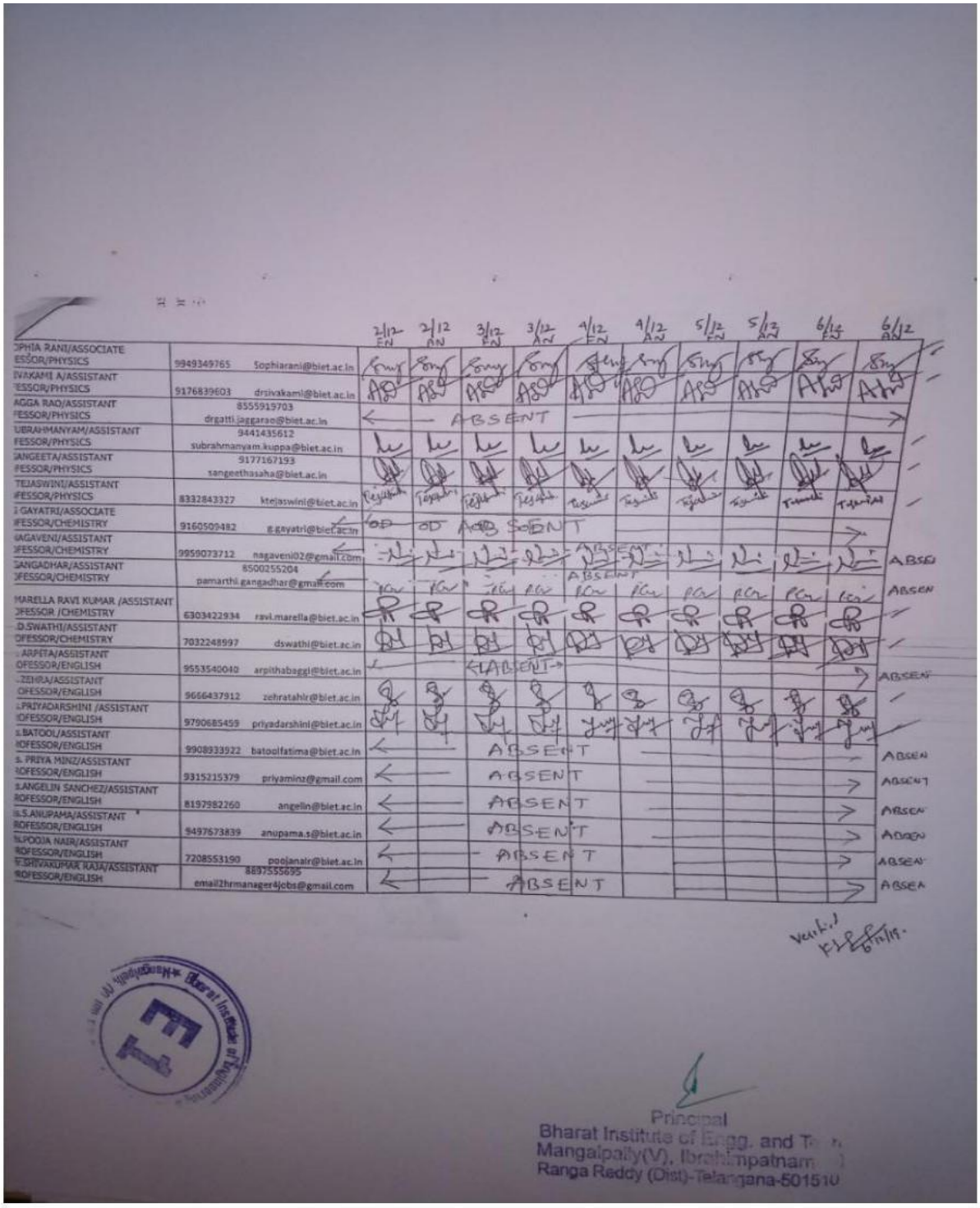

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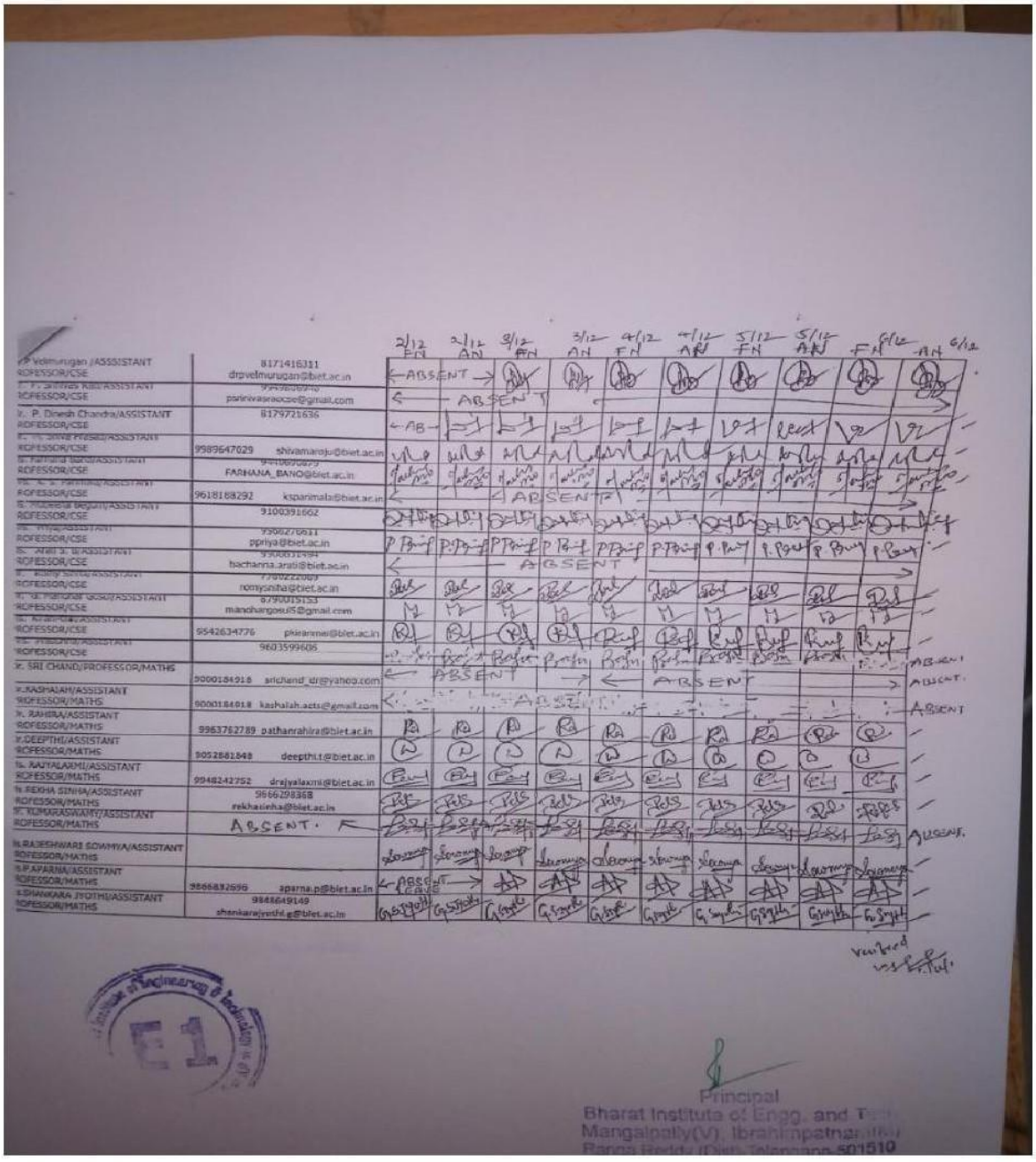

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Marethon 100 faculty are attended ONLINE Exam.

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organized by this Institute

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Ranga Reddy (Dist)-Telangana-501510

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

No. : ICT/2019-20/14424

Certificate

Awarded to

R. Madana Mohana

for having successfully completed the

Short Term Training Programme through ICT Mode on

Problem Based Learning

organized by this Institute

from 02.12.2019 *to* 06.12.2019 [*duration:* 1Week]

Programme Coordinator(s)

Academic Coordinator

Director

E1

Principal
Bharat Institute of Engg. and T
Mangalpally(V), Ibrahimpatnam
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

No. : ICT/2019-20/14465

Certificate

Awarded to

B. Prashant

for having successfully completed the

Short Term Training Programme through ICT Mode on

Problem Based Learning

organized by this Institute

from 02.12.2019 *to* 06.12.2019 [*duration:* 1 Week]

Programme Coordinator(s)

Academic Coordinator

Director

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Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

No. : ICT/2019-20/14427

Certificate

Awarded to

P. Velmurugan

for having successfully completed the

Short Term Training Programme through ICT Mode on

Problem Based Learning

organized by this institute

from 02.12.2019 *to* 06.12.2019 [*duration:* 1Week]

Programme Coordinator(s)

Academic Coordinator

Director

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Ranga Reddy (Dist)-Telangana-501510

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

No. : ICT/2019-20/14421

Certificate

Awarded to

B. Venkat Reddy

for having successfully completed the

Short Term Training Programme through ICT Mode on

Problem Based Learning

organized by this Institute

from 02.12.2019 *to* 06.12.2019 [*duration:* 1Week]

Programme Coordinator(s)

Academic Coordinator

Director

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Principal
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Ranga Reddy (Dist)-Telangana-501510

Principal
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Ranga Reddy (Dist)-Telangana-501510

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, KOLKATA

(Established by the Ministry of Human Resource Development, Government of India)

No. : ICT/2019-20/14431

Certificate

Awarded to

Mubeena Begum

for having successfully completed the

Short Term Training Programme through ICT Mode on

Problem Based Learning

organized by this Institute

from **02.12.2019** *to* **06.12.2019** [*duration:* **1Week**]

Programme Coordinator(s) | Academic Coordinator | Director

Principal
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Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology
E1
Mangalpally (V), IBP

Principal
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Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally(V), Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences and Humanities.

Sl No	Description	Details
1	Name Of The Activity	**Faculty development programme on: Awareness on NAAC Accreditation**
2	Date Of Conduction	20-02-2019 to 24-02-2019
3	Participants And Number	All Faculty- 150
4	Venue	BIET Auditorium
5	Chief Guest/Speakers	Prof. Mahadevan (IEEE senior member and ABET ideal scholar)

Description/Conclusion: A FDP is conducted on NAAC ACREDITATION Awareness to all Faculty in BIET Auditorium. The Speaker was Prof. Mahadevan. He addressed and explained about different criteria and their weightage in Accreditation. All Faculty participated and learn about accreditation process.

Analysis/Action Taken: The management planned to conduct such programs every year

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Ranga Reddy (Dist)-Telangana-501510

Faculty development programme on: Awareness on NAAC Accreditation

20-02-2019 to 24-02-2019

Principal
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Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC and Accredited by NBA : UG Programmes - CSE, ECE, EEE & Mechanical Recognised by the Govt. of T.S. and Affiliated to JNTUH, Hyderabad.)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

Dt.13th Feb 2019

To,
Prof R. Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

Sub: Invitation for "FDP on Awareness on NAAC Accreditation" which is from 20th – 24th Feb 2019 – reg

Dear Sir,

It is our great pleasure to invite you as a keynote speaker for an "FDP on Awareness on NAAC Accreditation" to be held from 20/FEB/2019 to 24/FEB/2019 at BIET.

We are very pleased to inform you that the whole faculty from all the departments will attend the "FDP on Awareness on NAAC Accreditation". Our motive behind the conduction of this FDP program is that we want the whole faculty to get awareness on the importance of NACC Accreditation to our institution.

I hope that you will definitely make your presence .We are seeking your kind arrival.

Thanking You.

Yours faithfully,

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

ACCEPTANCE LETTER

Dt. 15th Feb 2019

To
The Principal,
Bharat Institute of Engineering & Technology.

Dear Sir,

With reference to your letter dt.13th Feb 2019, I would like to thank you for inviting me to take part as a keynote speaker for the FDP Program to be organized by BIET from 20th – 24th Feb 2019.

It will be my pleasure to be the keynote speaker for this FDP. I appreciate this opportunity given to me to share my views on the importance of NAAC Accreditation to BIET. Finally, I would like to confirm that I will be attending the FDP Program by 9:00am from 20th - 24th Feb 2019.

I look forward to hear from you.

Yours sincerely,

Prof. R.Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
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Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam-501 510, Mangalpally, Hyderab

CIRCULAR

Ref: BIET/1st year/SPC/2018-19/01 **19-02-2019**

This is to inform that from tomorrow i.e on 20-02-2019 to24-02-2019 a Faculty Development Program will be organized in BIET Auditorium. So all the faculty are instructed to attend the FDP and make it grand success.

1st Year Incharge

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally(V),Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences And Humanities.

FACULTY ATTENDENCE SHEET — FDP for NAAC Accredition

S.No.	Name of the faculty	2/20/2019	2/21/2019	2/22/2019	2/23/2019	2/24/2019
1	DR.G.GAYATRI					
2	DR.CH RAKESH					
3	DR P VIHSNU VARDHAN REDDY					
4	DR V NAGAVENI					
5	MS.N SHALINI					
6	MRS.D.SWATHI					
7	MRS.B ARPITA					
8	MR SHIV KUMAR RAJ					
9	MRS. BATOOL FATIMA					
10	MRS. QUADRI ZEHRA TAHIR					
11	MS. PRIYADHARSHINI					
12	MRS. PRIYA MINZ					
13	MRS. K. KRANTHI					
14	DR.H.P.SRICHAND					
15	DR. PEER MOHAMMAD					
16	MR. CH KUMARA SWAMY					
17	MR.TIRUMAL SINU					
18	MRS D RAJYALAXMI					
19	MRS.SNEHA PRABHA					
20	MRS. SYED ZEENATH FATHIMA					
21	MS.REKHA SINHA					
22	MRS P RAHIRA					
23	MRS.C.RAJESWARY SOWMYA					
24	DR. B. PRASADA RAO					
25	DR. SOPHIA					
26	DR. SHIVAGAMI					
27	MR.K SUBRAHMANYAM					
28	MRS.SANGEETHA SAHA					
29	MS. TEJASWINI					
30	MS. SUDEEPTHI KANTH					
31	DR. JHON ORAL BHASKAR					

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
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BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved By AICTE., Affiliated to JNTUH, Hyderabad
Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510
Department of Civil Engineering

Mahadevan Training Programme 20-02-2019

S. NO	Name of the Faculty	Signature
1	GODASI SESHA VENKATA SAI CHAITANYA	Sai
2	YALAVARTHY SHYAM PRASAD	Shyam
3	VUTUKURU SAINEERAJA	Neeraja
4	PURAM NAGARAJU	
5	SANAKA VINEELA	
6	VAVILALA APARNA	
7	VADREVU MANVITA	
8	KOOTHAN BASKAR	
9	PINUPOLU VISHNU PRIYA	
10	B K NITHYA	Nithya
11	VASALLA SURENDRA	
12	GADDAM MADHAVA KRISHNA REDDY	M.V.Reddy
13	BAGADI RAMESH CHANDRA	
14	JAKINALAPALLY NARESH	Naresh
15	LAWATE VANARAJ RAVISHANKAR	
16	MALLEBOINA MOUNIKA	Mounika
17	TALLA RAMPRASANNA KUMAR REDDY	
18	BHASKAR T JOHN ORAL	
19	GANAPAVARAPU NAGA VENKATA SAI TEJA	Sai Teja
20	THADAPANENI KANAKESWARA RAO	K.Rao

S. Vineela
HOD CIVIL

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
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Ranga Reddy (Dist)-Telangana-501510

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Department of Civil Engineering

Faculty development programme on: Awarness On NAAC Accredition 21-02-2019

S. NO	Name of the Faculty	Signature
1	GODASI SESHA VENKATA SAI CHAITANYA	
2	YALAVARTHY SHYAM PRASAD	
3	VUTUKURU SAINEERAJA	
4	PURAM NAGARAJU	
5	SANAKA VINEELA	
6	VAVILALA APARNA	
7	VADREVU MANVITA	
8	KOOTHAN BASKAR	
9	PINUPOLU VISHNU PRIYA	
10	B K NITHYA	
11	VASALLA SURENDRA	
12	GADDAM MADHAVA KRISHNA REDDY	
13	BAGADI RAMESH CHANDRA	
14	JAKINALAPALLY NARESH	
15	LAWATE VANARAJ RAVISHANKAR	
16	MALLEBOINA MOUNIKA	
17	TALLA RAMPRASANNA KUMAR REDDY	
18	BHASKAR T JOHN ORAL	
19	GANAPAVARAPU NAGA VENKATA SAI TEJA	
20	THADAPANENI KANAKESWARA RAO	

S. Vineela
HOD CIVIL

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Department of Civil Engineering

Faculty development programme on: Awarness On NAAC Accredition 22-02-2019

S. NO	Name of the Faculty	Signature
1	GODASI SESHA VENKATA SAI CHAITANYA	
2	YALAVARTHY SHYAM PRASAD	
3	VUTUKURU SAINEERAJA	
4	PURAM NAGARAJU	
5	SANAKA VINEELA	
6	VAVILALA APARNA	
7	VADREVU MANVITA	
8	KOOTHAN BASKAR	
9	PINUPOLU VISHNU PRIYA	
10	B K NITHYA	
11	VASALLA SURENDRA	
12	GADDAM MADHAVA KRISHNA REDDY	
13	BAGADI RAMESH CHANDRA	
14	JAKINALAPALLY NARESH	
15	LAWATE VANARAJ RAVISHANKAR	
16	MALLEBOINA MOUNIKA	
17	TALLA RAMPRASANNA KUMAR REDDY	
18	BHASKAR T JOHN ORAL	
19	GANAPAVARAPU NAGA VENKATA SAI TEJA	
20	THADAPANENI KANAKESWARA RAO	

S. Vinela
HOD CIVIL

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BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Civil Engineering

Faculty development programme on: Awarness On NAAC Accredition 23-02-2019

S. NO	Name of the Faculty	Signature
1	GODASI SESHA VENKATA SAI CHAITANYA	
2	YALAVARTHY SHYAM PRASAD	
3	VUTUKURU SAINEERAJA	
4	PURAM NAGARAJU	
5	SANAKA VINEELA	
6	VAVILALA APARNA	
7	VADREVU MANVITA	
8	KOOTHAN BASKAR	
9	PINUPOLU VISHNU PRIYA	
10	B K NITHYA	
11	VASALLA SURENDRA	
12	GADDAM MADHAVA KRISHNA REDDY	
13	BAGADI RAMESH CHANDRA	
14	JAKINALAPALLY NARESH	
15	LAWATE VANARAJ RAVISHANKAR	
16	MALLEBOINA MOUNIKA	
17	TALLA RAMPRASANNA KUMAR REDDY	
18	BHASKAR T JOHN ORAL	
19	GANAPAVARAPU NAGA VENKATA SAI TEJA	
20	THADAPANENI KANAKESWARA RAO	

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HOD CIVIL

Principal
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Ranga Reddy (Dist)-Telangana-501510

Principal
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Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Civil Engineering

Faculty development programme on: Awarness On NAAC Accredition 24-02-2019

S. NO	Name of the Faculty	Signature
1	GODASI SESHA VENKATA SAI CHAITANYA	
2	YALAVARTHY SHYAM PRASAD	
3	VUTUKURU SAINEERAJA	
4	PURAM NAGARAJU	
5	SANAKA VINEELA	
6	VAVILALA APARNA	
7	VADREVU MANVITA	
8	KOOTHAN BASKAR	
9	PINUPOLU VISHNU PRIYA	
10	B K NITHYA	
11	VASALLA SURENDRA	
12	GADDAM MADHAVA KRISHNA REDDY	
13	BAGADI RAMESH CHANDRA	
14	JAKINALAPALLY NARESH	
15	LAWATE VANARAJ RAVISHANKAR	
16	MALLEBOINA MOUNIKA	
17	TALLA RAMPRASANNA KUMAR REDDY	
18	BHASKAR T JOHN ORAL	
19	GANAPAVARAPU NAGA VENKATA SAI TEJA	
20	THADAPANENI KANAKESWARA RAO	

S. Vineela
HOD CIVIL.

Principal
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Principal
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Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally, Hyderabad.

DEPARTMENT OF ELECTRCAL AND ELECTRONICS ENGINEERING

FACULTY ATTENDANCE SHEET

PROGRAM: Faculty development programme on: Awarness On NAAC Accredition

S.No	Name of the Faculty	Signature				
		20/2/19	21/2/19	22/2/19	23/2/19	24/2/19
1	Dr.S.K.Chaudhari					
2	Dr. John Arun Kumar					
3	Dr.Arul Prakash					
4	Dr. Sukhdeo Sao					
5	Mr. K. Srinivasa Rao					
6	Mr. G. Kamalaker Reddy					
7	Dr.Ch. Santhan Kumar					
8	Mr. T.Sukanth					
9	Dr. S.Suresh					
10	Mr. Ramji Tiwari					
11	Mr. D.Chinna Kullay Reddy					
12	Dr. N.Nagasekhara Reddy					
13	Mr. K.Vinay Kumar Reddy					
14	Mr. Priyansu Chandan Behera					
15	Mrs. Ch.Prashanthi					
16	Ms. U.V.S.R.Harisha					
17	Ms. S.Marlin					
18	Mrs. G.Abhilasha Reddy					
19	Dr N.Balaji					
20	Mr. B.Vasanth Reddy					
21	Mr. V Sampath kumar					
22	Mr. Y.V.Prashant					
23	Mr. Basava Reddy					
24	Mr. K.M.Perumal					

Principal
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Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

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Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved By AICTE., Affiliated to JNTUH, Hyderabad
Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510
DEPARTMENT OF MECHANICAL ENGINEERING
Sub:Attendance and Comment Sheet For ME Faculty For 20.02.2019 To 24.02.2019

TITLE: FDP Program On NAAC Awarness

Sl.No	Faculty Name	Designation	Signature	Signature	Signature	Signature	Signature
1	Dr.J.S.Soni	Professor					
2	Dr.C.S.Krishna Prasad Rao	Professor					
3	Dr.S.Sai Kumar	Professor					
4	Mr.D.Govind	Assoc.Prof	Govind	Govind	Govind	Govind	Govind
5	Mr.D Chandra sekhar	Assoc.Prof					
6	Mr.K.Raju	Asst.Prof					
7	Ms.K.Mounika	Asst.Prof					
8	Mr.G.Madhu babu	Asst.Prof					
9	Mr.T.Ramachandru	Asst.Prof					
10	Mr.Manoj Kumar Kar	Asst.Prof	mkar	mkar	mkar	mkar	mkar
11	Mr.M.Vidhya Sagar	Asst.Prof	Vidhyasagar	Vidhyasagar	Vidhyasagar	Vidhyasagar	Vidhyasagar
12	Mr.A.Harish Kumar	Asst.Prof	Harish	Harish	Harish	Harish	Harish
13	Pradeep M.Chavan	Asst.Prof					
14	Mr.Ravi kishore	Asst.Prof					
15	Mr. P. Srinivasa Kumar	Asst.Prof	PSk	PSk	P.Sk	PSk	PSk
16	Ms. B.Mounika Naidu	Asst.Prof					
17	Ms.G.Krishnaveni	Asst.Prof	Krishnaveni	Krishnaveni	Krishnaveni	Krishnaveni	Krishnaveni
18	Mr.D. Srinivas	Asst.Prof	DSA	DSA	DSA	DSA	DSA
19	Mr. N.Nagarajar	Asst.Prof	Nagaraja	Nagaraja	Nagaraja	Nagaraja	Nagaraja
20	Mr.C.Anil kumar reddy	Asst.Prof					
21	Mr.Posa Lokesh	Asst.Prof	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh
22	Mr. K . Raj Narayan	Asst.Prof	Rajnarayan	RJ	RJ	RJ	RJ
23	Mr.V Ravindra	Asst.Prof	Ravindra	Ravindra	Ravindra	Ravindra	Ravindra
24	Mr.B.Suresh Kumar	Asst.Prof					
25	Mr.N. Rajashekar	Asst.Prof					
26	Mr.Bikesh	Asst.Prof					
27	Mr.A.Navya Sree	Asst.Prof					
28	Dr.Dipesh popli	Asst.Prof	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh

Admin I/C

HOD(ME)

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology E1 Mangalpally (V), Ibr.

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTIONS

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF ELECTRONICS AND COMMUNICATTION ENGINEERING
20-02-2019 to 24-02-2019

Faculty Development Program on: Awareness of NAAC accreditation

FEEDBACK FORM

1. Name of the Student / Faculty : V. Rambabu
2. Class & Branch / Department : ECE
3. Please rate the following parameters as under

[√] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)		✓		
b.	Effectiveness of Speakers		✓		
c.	Ability to clear doubts			✓	
d.	How did you find the duration of the programme		✓		
e.	Overall rating of the Programme			✓	

4. Do you feel the Workshop is useful?
(c) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 24/02/2019

Signature of the Participant

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BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
20-02-2019 to 24-02-2019

Faculty Development Program on: Awareness of NAAC accreditation

FEEDBACK FORM

1. Name of the Student / Faculty : T. Srikanth
2. Class & Branch / Department : ESE
3. Please rate the following parameters as under

[√] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)	✓			
b.	Effectiveness of Speakers	✓			
c.	Ability to clear doubts	✓			
d.	How did you find the duration of the programme	✓			
e.	Overall rating of the Programme	✓			

4. Do you feel the Workshop is useful?
(b) Excellent (b) Very Good (c) Good (d) Fair
5. Suggestions for improvement

Date: 24/02/2019

Signature of the Participant

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Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

E1

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF CIVIL ENGINEERING
20-02-2019 to 24-02-2019

Faculty Development Program on: Awareness of NAAC accreditation

FEEDBACK FORM

1. Name of the Student / Faculty : V Sai Neeraja
2. Class & Branch / Department : Civil
3. Please rate the following parameters as under

[V] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)			✓	
b.	Effectiveness of Speakers				✓
c.	Ability to clear doubts		✓		
d.	How did you find the duration of the programme			✓	
e.	Overall rating of the Programme		✓		

4. Do you feel the Workshop is useful?
(a) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 24/2/2019

Signature of the Participant

Scanned by TapScanner

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology
E1
Mangalpally (V), IBP

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally(V),Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences and Humanities

Sl No	Description	Details
1	Name Of The Activity	Short term training program on: Quality improvement for all faculty
2	Date Of Conduction	06-08-18 to 10-08-18
3	Participants And Number	All Faculty- 140
4	Venue	BIET Auditorium
5	Chief Guest/Speakers	Prof. R. Mahadevan (IEEE senior member & ABET ideal scholar)

Description/Conclusion: A short term training program is conducted on NAAC ACCREDITATION Awareness to all Faculty in BIET Auditorium. The Speaker was Prof. Mahadevan. He addressed and explained about different criteria and their weightage in the accreditation. All Faculties participated and learnt about accreditation process.

Analysis/Action Taken: The management planned to conduct such programs every year

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

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Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Short term training program on: Quality improvement for all faculty

06-08-2018 to 10-08-2018

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

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Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC and Accredited by NBA : UG Programmes - CSE, ECE, EEE & Mechanical Recognised by the Govt. of T.S. and Affiliated to JNTUH, Hyderabad.)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

Date: 01st Aug 2018

To
Prof. R.Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

SUB: Invitation for "Short Term Training Program on Quality Improvement for all Faculty" which is from 06th – 10th Aug 2018– reg.

Dear Sir,

It is our great pleasure to invite to you as a Key Note Speaker for a "Short Term Training Program on Quality Improvement for all Faculty" to be held from 06/AUG/2018 to 10/AUG/2018 at BIET.

We are very pleased to inform you that the whole faculty from all the departments will attend this "Short Term Training Program on Quality Improvement for all Faculty". Our motive behind this Short Term Training Program is that we want the whole faculty to improve the quality of teaching and quality efficiency in all other academic activities.

I hope that you will definitely make your presence .We are seeking your kind arrival.

Thanking You.

Yours faithfully,

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

ACCEPTANCE LETTER

Dt : 03rd Aug 2018

To
The Principal,
Bharat Institute of Engineering & Technology.

Dear Sir,

With reference to your letter dt.01st Aug 2018, I express my thanks to you for inviting me to be a keynote speaker for the "Short Term Training Program on Quality Improvement for all Faculty" to be organized by BIET from 06th - 10th Aug 2018.

I accept to be the keynote speaker with pleasure for this "Short Term Training Program on Quality Improvement for all Faculty". I appreciate this opportunity given to me to share my thoughts on the significance for maintaining the quality of faculty to BIET institution. Finally, I would like to confirm that I will be attending the "Short Term Training Program on Quality Improvement for all Faculty" by 9:00am from 06th - 10th Aug 2018.

I hope to hear from you soon.

Yours sincerely,

Prof. R.Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology
E1
Mangalpally (V)

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam-501 510, Mangalpally (V), Hyderabad

CIRCULAR

Ref: BIET/1st year/SPC/2018-19/07 **04-08-2018**

This is to inform that from 06-08-18 to 10-08-18 a "Short term training program on: Quality improvement for all faculty" will be organized at BIET Auditorium. So all the faculties are instructed to attend the short term training program and make it grand success.

4/8/18
1st Year In-charge

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved By AICTE., Affiliated to JNTUH, Hyderabad

Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510

Department of Civil Engineering

Workshop on contributor personality 06-08-18 to 10-08-18

S. NO	Name of the Faculty	Signature				
		06-08-18	07-08-18	08-08-18	09-08-18	10-08-18
1	GODASI SESHA VENKATA SAI CHAITANYA					
2	YALAVARTHY SHYAM PRASAD					
3	VUTUKURU SAINEERAJA					
4	PURAM NAGARAJU					
5	SANAKA VINEELA					
6	VAVILALA APARNA					
7	VADREVU MANVITA					
8	KOOTHAN BASKAR					
9	PINUPOLU VISHNU PRIYA					
10	B K NITHYA					
11	VASALLA SURENDRA					
12	GADDAM MADHAVA KRISHNA REDDY					
13	BAGADI RAMESH CHANDRA					
14	JAKINALAPALLY NARESH					
15	LAWATE VANARAJ RAVISHANKAR					

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally, Hyderabad.

DEPARTMENT OF ELECTRCAL AND ELECTRONICS ENGINEERING

FACULTY ATTENDANCE SHEET

PROGRAM: Short term training program on: Quality Improvement for all faculty

S.No	Name of the Faculty	Signature				
		06/8/18	07/8/18	08/8/18	09/8/18	10/8/18
1	Dr.S.K.Chaudhari					
2	Dr. John Arun Kumar					
3	Dr.Arul Prakash					
4	Dr. Sukhdeo Sao					
5	Mr. K. Srinivasa Rao					
6	Mr. G. Kamalaker Reddy					
7	Dr.Ch. Santhan Kumar					
8	Mr. T.Sukanth					
9	Dr. S.Suresh					
10	Mr. Ramji Tiwari					
11	Mr. D.Chinna Kullay Reddy					
12	Dr. N.Nagasekhara Reddy					
13	Mr. K.Vinay Kumar Reddy					
14	Mr. Priyansu Chandan Behera					
15	Mrs. Ch.Prashanthi					
16	Ms. U.V.S.R.Harisha					
17	Ms. S.Marlin					
18	Mrs. G.Abhilasha Reddy					
19	Dr N.Balaji					
20	Mr. B.Vasanth Reddy					
21	Mr. V Sampath kumar					
22	Mr. Y.V.Prashant					
23	Mr. Basava Reddy					
24	Mr. K.M.Perumal					

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
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Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved By AICTE., Affiliated to JNTUH, Hyderabad

Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510

Department of Computer Science Engineering

Workshop on contributor personality 06-08-18 to 10-08-18

S. NO	Name of the Faculty	Signature				
		06-08-18	07-08-18	08-08-18	09-08-18	10-08-18
1	DR R. MADANA MOHANA					
2	DR. J. V. JENY					
3	DR.NEERAJ SHARMA					
4	DR.PRADYNA					
5	DR.P.VELMURUGAN					
6	DR ANITHA BAI					
7	DR .R .DELSHI HOWSALYA DEVI					
8	V.VEERABHADRAM					
9	K.S. PARIMALA					
10	P. DINESH CHANDRA					
11	Y. SIRISHA					
12	B. ARATHI					

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally(V),Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences And Humanities.

FACULTY ATTENDENCE SHEET

SHORT TERM TRAINING PROGRAM ON QUALITY IMPROVEMENT FOR ALL FACULTY

S.No.	Name of the faculty	6/8/2018	7/8/2018	8/8/2018	9/8/2018	10/8/2018
1	DR.G.GAYATRI	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
2	DR.CH RAKESH	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
3	DR P VIHSNU VARDHAN REDDY	V.V.Reddy	V.V.Reddy	V.V.Reddy	V.V.Reddy	V.V.Reddy
4	DR V NAGAVENI	NC	NC	NC	NC	NC
5	MS.N SHALINI					
6	MRS.D.SWATHI					
7	MRS.B ARPITA					
8	MR SHIV KUMAR RAJ					
9	MRS. BATOOL FATIMA	Fatima	Fatima	Fatima	Fatima	Fatima
10	MRS. QUADRI ZEHRA TAHIR	Zehra	Zehra	Zehra	Zehra	Zehra
11	MS. PRIYADHARSHINI	Priya	Priya	Priya	Priya	Priya
12	MRS. PRIYA MINZ					
13	MRS. K. KRANTHI					
14	DR.H.P.SRICHAND					
15	DR. PEER MOHAMMAD	P. Mohd	P. Mohd	P. Mohd	P. Mohd	P. Mohd
16	MR. CH KUMARA SWAMY					
17	MR.TIRUMAL SINU					
18	MRS D RAJYALAXMI					
19	MRS.SNEHA PRABHA					
20	MRS. SYED ZEENATH FATHIMA					
21	MS.REKHA SINHA					
22	MRS P RAHIRA					
23	MRS.C.RAJESWARY SOWMYA	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya
24	DR. B. PRASADA RAO					
25	DR. SOPHIA					
26	DR. SHIVAGAMI					
27	MR.K SUBRAHMANYAM					
28	MRS.SANGEETHA SAHA					
29	MS. TEJASWINI					
30	MS. SUDEEPTHI KANTH	Skanthi	Skanthi	Skanthi	Skanthi	Skanthi

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF CIVIL ENGINEERING
06-08-2018 to 10-08-2019

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : K. Bhaskar
2. Class & Branch / Department : Civil
3. Please rate the following parameters as under

[v] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)	✓			
b.	Effectiveness of Speakers		✓		
c.	Ability to clear doubts	✓			
d.	How did you find the duration of the programme	✓			
e.	Overall rating of the Programme		✓		

4. Do you feel the Workshop is useful?
   (a) Excellent (b) Very Good (c) Good (d) Fair
5. Suggestions for improvement

Date 10/08/2019

Signature of the Participant

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Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

E1

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTIONS

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
06-08-2018 to 10-08-2018

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : Y. Shirisha
2. Class & Branch / Department : CSE
3. Please rate the following parameters as under

[V] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)		✓		
b.	Effectiveness of Speakers			✓	
c.	Ability to clear doubts				✓
d.	How did you find the duration of the programme			✓	
e.	Overall rating of the Programme			✓	

4. Do you feel the Workshop is useful?
(b) Excellent (b) Very Good (c) Good ✓ (d) Fair

5. Suggestions for improvement

Date: 10/08/18

Signature of the Participant

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

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Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF ELECTRONICS AND COMMUNICATTION ENGINEERING
06-08-2018 to 10-08-2018

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : Sathish kumar
2. Class & Branch / Department : ECE
3. Please rate the following parameters as under

[V] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)		✓		
b.	Effectiveness of Speakers	✓			
c.	Ability to clear doubts		✓		
d.	How did you find the duration of the programme		✓		
e.	Overall rating of the Programme	✓			

4. Do you feel the Workshop is useful?
(c) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 10/08/18.

Signature of the Participant

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology E1 Mangalpally (V), Ibr

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally(V),Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences and Humanities.

Sl No	Description	Details
1	Name Of The Activity	Short term training program on: Quality improvement for all faculty
2	Date Of Conduction	23-04-18 to 24-04-18
3	Participants And Number	All Faculty- 150
4	Venue	BIET Auditorium
5	Chief Guest/Speakers	Prof. R. Mahadevan (IEEE senior member & ABET ideal scholar)

Description/Conclusion: A short term training program is conducted on NAAC ACCREDITATION Awareness to all Faculty in BIET Auditorium. The Speaker was Prof. Mahadevan. He addressed and explained about different criteria and their weightage in the accreditation. All Faculties participated and learnt about accreditation process.

Analysis/Action Taken: The management planned to conduct such programs every year

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Short term training program on: Quality improvement for all faculty

23-04-2018 to 24-04-2018

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

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Principal
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Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

Date: 16th Apr 2018

To
Prof R. Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

SUB: Invitation for "Short Term Training Program on Quality Improvement for all Faculty" which is from 23rd & 24th Apr 2018 - reg.

Dear Sir,

It is our great pleasure to invite to you as a keynote speaker for the "Short Term Training Program on Quality Improvement for all Faculty" to be held from 23/APR/2018 to 24/APR/2018 at BIET.

We are pleased to inform you that the whole faculty from all the departments will attend this "Short Term Training Program on Quality Improvement for all Faculty". Our motive behind this Short Term Training Program is that we want the whole faculty to improve their quality of teaching and all other academic activities for the development of both students and BIET college.

I hope that you will definitely make your presence .We are seeking your kind arrival.

Thanking You.

Yours faithfully,

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

ACCEPTANCE LETTER

Dt : 18th Apr 2018

To
The Principal,
Bharat Institute of Engineering & Technology.

Dear Sir,

With reference to your letter dt.16th Apr 2018, I thank you for inviting me to take part as a keynote speaker for the "Short Term Training Program on Quality Improvement for all Faculty" that is going to be organized by BIET from 23rd - 24th Apr 2018.

I feel pleasure to be the keynote speaker for this program. I appreciate this opportunity given to me to speak on the importance of quality of faculty to BIET institution. Finally, I would like to confirm that I will be attending the "Short Term Training Program on Quality Improvement for all Faculty" by 9:00am from 23rd – 24th Apr 2018.

I expect to hear from you soon.

Yours sincerely,

Prof. R.Mahadevan,
IEEE Senior Member and ABET Ideal scholar.

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering & Technology
E1
Mangalpally (V) IBP

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam-501 510, Mangalpally (V), Hyderabad

CIRCULAR

Ref: BIET/1st year/SPC/2017-18/25 **21-04-2018**

This is to inform that from 23-04-18 to 24-04-18 a "Short term training program on: Quality improvement for all faculty" will be organized at BIET Auditorium. So all the faculties are instructed to attend the short term training program and make it grand success.

21-4-2018
1st Year In-charge

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

E1

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved By AICTE., Affiliated to JNTUH, Hyderabad
Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510
Department of Civil Engineering

Short term training program on: Quality improvement of faculty 23-04-2018 to 24-04-2018

S. NO	Name of the Faculty	23-04-18	24-04-18
1	JAKINALAPALLY NARESH		
2	S.SAILAJA SOMA		
3	SANAKA VINEELA		
4	KANTEKAR ARUN KUMAR		
5	PAILLA RESHMI		
6	SHAHDEO PRAGYA		
7	PRADEEP KUMAR		
8	KASTRO KIRAN VIPPALA		
9	KASAKANI MANIKANTA VENU		
10	AKELLA NEEHARIKA LAKSHMI		
11	KASI REDDY PRATHAP REDDY		
12	PURAM NAGARAJU		
13	KONDRA RAJENDER		
14	VASALLA SURENDRA		
15	LAWATE VANARAJ RAVISHANKAR		
16	CHIPPA MUNINDER		
17	BAZARU VAMSHI KRISHNA		
18	DR. YALAVARTHY SHYAM PRASAD		
19	DR. SARAVANAN MURUGESAN		

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

E1

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangalpally, Hyderabad.

DEPARTMENT OF ELECTRCAL AND ELECTRONICS ENGINEERING

FACULTY ATTENDANCE SHEET

PROGRAM: Short term training program on: Quality Improvement for all faculty

S.No	Name of the Faculty	Signature	
		23/04/2018	24/04/2018
1	Dr.S.K.Chaudhari		
2	Dr. John Arun Kumar		
3	Dr.Arul Prakash		
4	Dr. Sukhdeo Sao		
5	Mr. K. Srinivasa Rao		
6	Mr. G. Kamalaker Reddy		
7	Dr.Ch. Santhan Kumar		
8	Mr. T.Sukanth		
9	Dr. S.Suresh		
10	Mr. Ramji Tiwari		
11	Mr. D.Chinna Kullay Reddy		
12	Dr. N.Nagasekhara Reddy		
13	Mr. K.Vinay Kumar Reddy		
14	Mr. Priyansu Chandan Behera		
15	Mrs. Ch.Prashanthi		
16	Ms. U.V.S.R.Harisha		
17	Ms. S.Marlin		
18	Mrs. G.Abhilasha Reddy		
19	Dr N.Balaji		
20	Mr. B.Vasanth Reddy		
21	Mr. V Sampath kumar		
22	Mr. Y.V.Prashant		
23	Mr. Basava Reddy		
24	Mr. K.M.Perumal		

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

E1

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved By AICTE., Affiliated to JNTUH, Hyderabad
Mangalpally(v),Ibrahimpatnam(M), Rangareddy -501510
Department of Computer Science Engineering

Short term training program on: Quality improvement of faculty 23-04-2018 to 24-04-2018

S. NO	Name of the Faculty	23-04-18	24-04-18
1	PALACHOLLA PADMANABHAM		
2	MADANA MOHANA RASINENI		
3	satyanarayana vujjaini		
4	Rethna Virgil Jeny		
5	Seenapuram Rajan Mugunthan		
6	BIPLAB KUMAR SARKAR		
7	BALAMURUGAN RENGESWARAN		
8	PANDI MALAISAMY		
9	K S Parimala		
10	NATUKULA SAINATH		
11	Anusha Derangula		
12	INDUMATHI KRISHNAN LAKSHMI		
13	MANOHAR SHARANAPPA GOSUL		
14	VADLAMANI VEERABHADRAM		
15	S KEERTHI		
16	P Lalitha Surya Kumari		
17	KONDA HARI KRISHNA		
18	sirisha yerraboina		
19	mubeena begum		
20	SIVA PRASAD		
21	sowbhagya juttu		
22	MANDALA RAJKUMAR		
23	shravan kumar arva		
24	CHINYA NENAVATH		
25	MUNAVATH RAJU		
26	THIPPIREDDY SWETHA		
27	PAVAN KUMAR PAGADALA		

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28	FARHANA BANO		
29	POLU SRINIVASA REDDY		
30	ALEKYARANI YERRAREDDY		
31	Vijay Keerthika		
32	S PUSPALATHA		
33	ANITA PRAKASH KINNIKAR		
34	SINHA ROMY		
35	PALABINDELA EKAMBHARAM		
36	PRADEEPKUMAR VEERAPANDI		
37	HARSHAVERDANA SRIKANTA NAIK		
38	SURIBABU KORADA		
39	NALLI RAKESH KUMAR		
40	KOTHAPALLI BABU SRIHARI		
41	VALLABHINANI MOUNIKA		
42	MUSHAM THIRUMALESH		
43	GOPI KRISHNAN		
44	KRANTHIKUMAR RAMAGIRI		
45	RACHEL		
46	SATHYABAMA PANDARAM		
47	KAMSHETTY SHIVARAJ KALYANI		
48	ARATI		
49	PONAGANTI SREENIVASA RAO		
50	KIRAN JEEDI		

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Mangalpally(V),Ibrahimpatnam(M)-RR Dist-501510
Department of Sciences And Humanities.
FACULTY ATTENDENCE SHEET

SHORT TERM TRAINING PROGRAM ON QUALITY IMPROVEMENT FOR ALL FACULTY

S.No.	Name of the faculty	23/4/2018	24/4/2018
1	DR. GAYATRI		
2	DR. SRIDHAR		
3	DR. DAYAKAR		
4	DR. RAKESH		
5	MS. SHALINI		
6	MRS.HAFSA TAHNIYAT		
7	Ms.SRILATHA		
8	Ms.RIZWANA BEGUM		
9	DR. BARKHA		
10	MRS. SANGAM SHIRISHA		
11	MRS. JANCY		
12	MRS. AARTI		
13	MRS. ARPITA		
14	MRS. K. KRANTHI		
15	MRS.MADEEHA		
16	DR.SRICHAND		
17	DR.HIRAL		
18	DR.LEKHA		
19	MRS.SNEHA PRABHA		
20	MS.REKHA SINHA		
21	MS VIJAYA DURGA		
22	TIRUMALA SRINU		
23	MS. RITU		
24	MRS.SOWMYA		
25	SYEDA ZEENATH FATIMA		
26	DR. B. PRASADA RAO		
27	DR. NAGALAXMI		
28	MRS. KAVITHA		
29	MRS.SANGEETHA SAHA		
30	MR. K.SUBRAHMANYAM		

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BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF CIVIL ENGINEERING
23-04-2018 to 24-04-2018

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : Pradeep kumar
2. Class & Branch / Department : Civil
3. Please rate the following parameters as under

√ For the **10 - Excellent** **8 - Very good** ✓ **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)		✓		
b.	Effectiveness of Speakers		✓		
c.	Ability to clear doubts			✓	
d.	How did you find the duration of the programme			✓	
e.	Overall rating of the Programme			✓	

4. Do you feel the Workshop is useful?
(a) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 24/04/2018

Signature of the Participant

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BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF ELECTRONICS AND COMMUNICATTION ENGINEERING
23-04-2018 to 24-04-2018

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : V. Rambabu
2. Class & Branch / Department : ECE
3. Please rate the following parameters as under

[√] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)		√		
b.	Effectiveness of Speakers			√	
c.	Ability to clear doubts			√	
d.	How did you find the duration of the programme		√		
e.	Overall rating of the Programme			√	

4. Do you feel the Workshop is useful?
(c) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 24/04/18

Signature of the Participant

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Ibrahimpatnam - 501 510, Hyderabad
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
23-04-2018 to 24-04-2018

Short term training program on: Quality improvement for all faculty

FEEDBACK FORM

1. Name of the Student / Faculty : D. Anusha
2. Class & Branch / Department : CSE
3. Please rate the following parameters as under

[v] For the **10 - Excellent** **8 - Very good** **6 - Good** **4 - Fair**

		10	8	6	4
a.	Course delivery (Related to main Topic)	✓			
b.	Effectiveness of Speakers		✓		
c.	Ability to clear doubts		✓		
d.	How did you find the duration of the programme	✓			
e.	Overall rating of the Programme		✓		

4. Do you feel the Workshop is useful?
(b) Excellent (b) Very Good (c) Good (d) Fair

5. Suggestions for improvement

Date: 24/04/18

Signature of the Participant

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