

SUMMER-2019

Volume 1, Issue 2

Computer Engineering

Newsletter

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“To provide updated technology in computer engineering to Fulfill the needs of industry and society”



MISSION

- ⇒ **To impart technical knowledge and skills by involving students in educational activities.**
- ⇒ **To enable students to be entrepreneurs enhancing interaction between institute and industry.**
- ⇒ **To nurture moral and professional values to build up society and nation**



HOD's Message.....

We Welcome and best wishes to all the friends of the Department who receive this News-letter. It has been an interesting and busy semester for members of the Department. It gives me great opportunity to present the Second issue of "Newsletter". This internal newsletter is one of the ways in which we can disseminate information on the life of the Department The past & current semester was full of various activities by the students and faculty in academic, co-curricular, extra-curricular as well as research & developments. As you read through the pages you will realize, that the Department had a particularly successful semester. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace.

Prof. Jadhav P.D.
HOD
Computer Engineering Dept



EDITOR's Message.....

We are presenting you with the Second issue of our newsletter . Our intention is to put out two issues per year, one in the end of February and the other at the end of November. The success of this newsletter depends on your response. I would appreciate your feedback.

Prof. Bhagat C.B.
LECTURER
Computer Engineering Dept





FACULTIES



Prof. Jadhav P.D.
HOD



Prof. Rathi S.R.
Lecturer



Prof. Pathan A.B.
Lecturer



Prof. Bhagat C.B.
Lecturer



Prof. Khaire R.B.
Lecturer



Prof. Shinde G.B.
Lecturer



Prof. Deshmukh R.R.
Lecturer



Prof. Polshetwar P.V.
Lecturer



Prof. Jadhav A.K.
Lecturer



Prof. KAdam A.G.
Lecturer



Faculty Training



Prof. Jadhav P.D. HOD & Prof. Rathi S.R., & Lecturer in Computer Engineering department ,MGM's Polytechnic Aurangabad. Had participated in one week STTP Program on, “**Machine Learning: The Journey of Transforming Technology**” Organized by **Computer Science & Engineering Department ,JNEC, Aurangabad** From 3rd July to 7th July 2018.

Points Covered under the training were - Introduction to Artificial intelligence, Machine Learning & Deep Learning, Data Processing, Similarity Measures, Distance Measures :Features Extraction.



Prof. Bhagat C.B. & Prof. Deshmukh R.R. Lecturer in Computer Engineering department MGM's Polytechnic Aurangabad Had participated in Two days Training Program on “**Current Trends in Natural Language Processing and Its Business Applications**” Organized by **Computer Science & engineering ,PES Engineering College Aurangabad** From 3th July to 10th July 2018.

Objectives-To Impart Knowledge of NLP Fundamental Concepts and Techniques of Natural Language Processing (NLP), NLP Tasks, To Create awareness of NLP research ,challenges, business applications.

Points Covered under the training were - Introduction and Overview of NLP, Morphological Analysis, Chabot, Parts of Speech, Parsing, Word Net, Application of NLP.



Prof. Pathan A.B.,Institute NBA Co-ordinatorin MGM's Polytechnic, He has participated the Two Days National Level Workshop on “**NBA Accreditation for Polytechnic**” held on 28th & 29th January 2019 at Sanjay Ghodawat Polytechnic, Atigre Dist. Kolhapur.

The main objective of training was to understand Concept, need, and importance of accreditation, Criteria of accreditation, Concept of vision, mission and goals, Process of crafting vision, mission and goals, Strategic, perspective, and annual plan Relation between vision, missions, PEOs, POs, PSOs & COs Formats for preparing various documents, Methods of presentation for facing the NBA team.



“ **Training is only effective if it promotes learning** ”

Faculty Achievement

Paper Published in National / International Journal/Conference

An Enhanced Security By Using 2LQR Code for Fortified Authentication



Prof. Polshetwar P.V.
Lecturer

Quick Response Code was specially designed for information storage and the applications which are high speed applications. So we create a quick response code which having the two levels mainly public level and private level. First level is the public level in which QR code is accessible or readable by anyone whereas private level is in the encoded format so that only authorized person can read the data. The Private level data is created by using replacement of modules with the different modules, such as black modules are get switch by the specific texture pattern. The authentication is given to the code by using P & S (Print and Scan) Process.

International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-04, Issue-01, Apr 2018 .



ME Completed Faculty

An Enhanced Security By Using 2LQR Code for Fortified Authentication



Prof. Polshetwar P.V.
Lecturer

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Congratulations

on attaining your Master's Degree!



Here's an application form for the Renaissance Faire.

MASTER



Students Achievement

Toppers Summer 2018



Gauri R. Taware
88.62% (Third Year)
CO6G-I



Buldak Mukesharram
85.22% (Second Year)
CO4G-I



Joshi Omkar
88.13% (First Year)



Ruchika K. Gaikwad
85.37(Third Year)
CO6G-II



Sudarshan B. Sawandakar
81.56%(second Year)
CO4G-II

Winter 2018



Mukesharram Buldak
89.38% (Third Year)



Akshay Gade
91.60% (Second Year)



Usman Shaikh
89.57%(First year)



Industrial Visit



Venue : Tech HUB, Kothrud ,Pune,Date : 27.7.2018,Objectives : Enhancing the Student's Knowledge about Networking scenario in Industry.



Venue : Wireless Communication Centre, Sarola, Date : 5.1.2019, Objectives : Enhancing the Student's Practical Knowledge about Networking & Basic Electronics.

Lecture Talk

On Cyber Security & Awareness



Lecture Talk on Cyber Security & Awareness conducted by Dr. Charansinghn N. Kayte Head & Assistant Professor Govt. Institute of Forensic Science, Aurangabad at Einstein hall on 2.8.2018

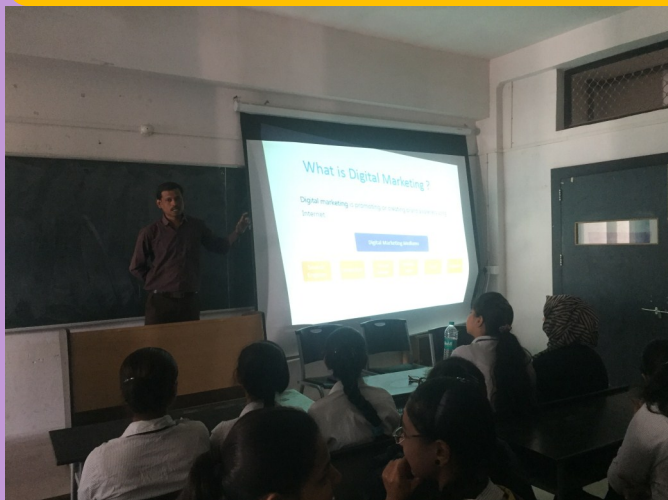
ISTE FDP on Android Technology



One week ISTE Approved STTP on Android Programming conducted by Computer Engineering Department at MGM's Polytechnic, Aurangabad from 19th March to 23rd March 2018.



Lecture Talk on Stress Management conducted by Dr. Ashish Mohide & Dr. Deepanjali Deshmukh, Psychiatrics of MGM Hospital, Aurangabad at Einstein hall on 25.1.2019.



Lecture Talk on Digital Marketing conducted by Mr. Parmanand Satwadhar, at Class Room 23, on 16.2.2019.



Extra-curricular Activities

Visio-Polytech 2k19



"Visio-Polytech 2k19"

State Level Technical Event

On 23rd February 2019 at 9:30 am

EVENT SCHEDULE
Inauguration - 9:30 am
Prize distribution - 4:00 pm
Venue
Einstein Hall
MGM campus, N-6,
CIDCO, Aurangabad
Tel: +91-8446507332

Prizes
Worth
Rs. 85,000/-

MGM'S POLYTECHNIC AURANGABAD

<p>MECHANICAL ENGINEERING DEPARTMENT</p> <p>Paper Presentation</p> <ul style="list-style-type: none"> CAD/CAM/CAE Advanced Manufacturing Technology Robotics & Artificial Intelligence 3D Printing Hybridization & Air Conditioning Advances in Automobile Technology <p>Coordinator: Prof. Khan A. H. (Mob No. 965402397) Co-Coordinator: Prof. Shingare P. P. (Mob No. 902824433)</p> <p>Robot Presentation</p> <ul style="list-style-type: none"> Co-Electric Go Green Solar Power Industry 4.0 Wastewater Harvesting <p>Coordinator: Prof. Kumar N. D. (Mob 870688308) Co-Coordinator: Prof. Kadam S. S. (Mob No. 842594971)</p> <p>Project Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Nigam C. P. (Mob No. 828155923) Co-Coordinator: Prof. Patil A. M. (Mob No. 848282881) <p>Quiz Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Patil A. M. (Mob No. 883510344) Co-Coordinator: Prof. Kadam S. S. (Mob No. 878882932) 	<p>COMPUTER ENGINEERING DEPARTMENT</p> <p>Paper Presentation</p> <ul style="list-style-type: none"> IoT Cloud Computing Java in High Performance Computing Arena Deep Neural Artificial Intelligence <p>Coordinator: Prof. Shinde S. B. (Mob No. 996277371) Co-Coordinator: Prof. Kadam S. S. (Mob No. 807824381)</p> <p>Robot Presentation</p> <ul style="list-style-type: none"> E-Russia Management Advanced Wireless Communication L-PI Software Development Life Cycle <p>Coordinator: Prof. Kadam S. B. (Mob No. 958849905) Co-Coordinator: Prof. Patil A. M. (Mob No. 798819811)</p> <p>Project Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shingare P. P. (Mob No. 999494278) Co-Coordinator: Prof. Kadam S. S. (Mob No. 954312324) <p>Quiz Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Patil A. M. (Mob No. 885620322) Co-Coordinator: Prof. Patil A. M. (Mob No. 876780752) Co-Coordinator: Prof. Shinde S. B. (Mob No. 992666617) 	<p>CIVIL ENGINEERING DEPARTMENT</p> <p>Paper presentation</p> <ul style="list-style-type: none"> New Techniques for stabilization of soil Water conservation Design consideration for road site safety Transportation Technology Bio Medical Waste Management and strategy <p>Coordinator: Prof. Nigam C. S. (Mob No. 785559473) Co-Coordinator: Prof. Kadam S. S. (Mob No. 967324022)</p> <p>Project Presentation</p> <ul style="list-style-type: none"> IoT Engineering on Moon Hyperloop Transportation technology in India Artificial Waste Management Water Conservation Technologies <p>Coordinator: Prof. More S. A. (Mob No. 805189890) Co-Coordinator: Prof. Chavan S. B. (Mob No. 805819913)</p> <p>Project Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shinde S. S. (Mob No. 997128210) Co-Coordinator: Prof. Kadam S. S. (Mob No. 873566745) <p>Quiz Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shingare P. P. (Mob No. 795488634)Co-Coordinator: Prof. Ghate C. B. (Mob No. 795488634)
<p>ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT</p> <p>Paper Presentation</p> <ul style="list-style-type: none"> Microtechnology for Electronics & Tele-Engineering Wireless optical communication Smart Card security Solar Power Energy IoT Technology Wireless Power Transfer <p>Coordinator: Prof. Patil P. T. (Mob No. 903881743) Co-Coordinator: Prof. Patil P. T. (Mob No. 907504800)</p> <p>Project Presentation</p> <ul style="list-style-type: none"> Coordinator: Prof. Sane S. C. (Mob No. 962314188) Co-Coordinator: Prof. Sane S. C. (Mob No. 961793029) <p>Quiz Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shinde S. S. (Mob No. 848022975) Co-Coordinator: Prof. Kadam S. S. (Mob No. 839022900) 	<p>ELECTRICAL ENGINEERING DEPARTMENT</p> <p>Paper presentation</p> <ul style="list-style-type: none"> Recent trends in electrical Generation Industrial Electrical Vehicle Advanced speed controlling techniques in electrical motor <p>Coordinator: Prof. Chavan S. S. (Mob No. 964802525)</p> <p>Quiz Competition</p> <ul style="list-style-type: none"> Recent Trends in Energy Conservation and Management Power System Protection and Control <p>Coordinator: Prof. Kadam S. S. (Mob No. 788782846)</p> <p>Project Presentation</p> <ul style="list-style-type: none"> Coordinator: Prof. Patil A. M. (Mob No. 846271153) Co-Coordinator: Prof. Shinde S. S. (Mob No. 788599229) <p>Quiz Competition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shingare P. P. (Mob No. 967342427) 	<p>ADVISED SCIENCE DEPARTMENT</p> <p>Science Exhibition</p> <ul style="list-style-type: none"> Coordinator: Prof. Shinde S. A. (Mob No. 805665079) Co-Coordinator: Prof. Shinde S. S. (Mob No. 942227975)

Convenor: Prof. U. U. Rathod
Co-Convenor: Prof. A. D. Dhanale

Advisory Committee:
Dr. J. M. Patil (Principal)
Prof. P. G. Kale (Dean Academic)
Prof. J. A. Siddiqui (Dean Research)
Prof. U. L. Salve (HOD CPE)

Terms & Condition:
1. Participants should be making a diploma in Engineering (Second Semester)
2. Participants should bring their College/ School ID Card
3. Participant should visit college website www.mgm.ac.in & Event Website www.visiopolytech.com For updates
4. Selection of experts judges will be final
5. Participation fees will not be refunded in any condition
6. Participants should bring their own supply station for the project competition.
7. Necessary

Note:
1. Any queries in OFFLINE Registration contact to:
• Prof. Ghate P. K. (Mob No. 879316790)
• Prof. Kadam S. S. (Mob No. 996266617)
2. Any queries in ONLINE Registration contact to:
• Prof. Patil A. M. (Mob No. 798519188)
• Prof. Kadam S. S. (Mob No. 958849905)



Co-curricular Activities

NSS Activity-Tree Plantation



NSS activity tree Plantation done by MGM's Polytechnic on 29/7/2018 at Shree Goraksh Vidyalaya khamngaon, Aurangabad.



NSS Activity-Blood Donaton



NSS activity Blood Donation done by MGM's Polytechnic on 20/12/2018 at MGM's Polytechnic, Aurangabad.



NSS volunteers work in rural areas, adopted villages and school to the serving the cause of society through survey, education and health awareness program. This study involves in identifying the **importance**, aims and objectives of NSS in higher education which in turn create social responsibility among the students.

