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INSTITUTE VISION

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

INSTITUTE MISSION

- To attain excellence in imparting technical education from the undergraduate through doctoral levels by adopting coherent and judiciously coordinated curricular and co-curricular programs.*
- To foster partnership with industry and Governmental agencies through collaborative research and consultancy.*
- To nurture and strengthen auxiliary soft skills for overall development and improved employability in a multi cultural work space.*
- To develop scientific temper and sprit of enquiry in order to harness the innovative talents.*
- To develop constructive attitude in the students towards the task of nation building and empower them to become future leaders.*
- To nourish the entrepreneurial instincts of the students and hone their business acumen.*
- To involve the student and faculty in solving local community problems through economical and sustainable solutions.*

DEPARTMENT VISION

Fostering a bright technological future by enabling the students to function as leaders in software industry and serve as means of transformation to empower society through ITeS.

DEPARTMENT MISSION

To create an ambience of academic excellence through state of art infrastructure and learner-centric pedagogy leading to employability in multi-disciplinary fields.

PROGRAM EDUCATIONAL OBJECTIVES

- Graduates will demonstrate technical competence and leadership in their chosen fields of employment by identifying, formulating, analyzing and creating efficient IT solutions.*
- Graduates will communicate effectively as individuals or team members and be successful in varied working environment.*
- Graduates will demonstrate lifelong learning through continuing education and professional development.*
- Graduates will be successful in providing viable and sustainable solutions within societal, professional, environmental and ethical context*

PROGRAM OUTCOMES

- Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*
- Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.*
- Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.*
- Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.*
- Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.*
- The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.*
- Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.*
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.*
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*
- Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.*
- Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.*
- Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.*

DEPARTMENTAL ACTIVITIES

1. A 6-day IEEE Computational Intelligence Society Summer School was conducted at Muffakham Jah College of Engineering & Technology (MJ CET), Hyderabad, India from 22-27 November 2018 on Computational Intelligence: Theory, Implementations & Applications. This event was organized by IEEE Hyderabad Section in collaboration with Information Technology department, MJ CET. Total of USD 8000 from CIS headquarters and USD 3000 from GRSS Headquarters were sanctioned to organize this event.



2. Dr. Mousmi A. Chaurasia, Prof & Head ITD delivered a lecture on “IT application for Engineering” on 24th July 2018 to first year students at Gulam Ahmed Hall, MJCET.
3. The Department organized a 16 hours Department Campus placement training (D-CRT) on “Programming in C” on 16-17 Aug & 23-24 Aug 2018 by four IT faculties:
 - a. Mr. Rafi-U-Zaman, Associate Professor
 - b. Ms. M. Tahaseen, Asst. Professor
 - c. Mr. Himayatullah Sharief, Asst. Professor
 - d. Mr. Md. Asrar Ahmed, Asst. Professor
4. Department organized a theme talk/ poster presentation on "Role of Engineers to empower the society through ITeS" in view of Engineers day, on 15th Sept 2018 to give tribute to Sri Visveshvaraya. Total 60 students participated and certificates were distributed as a token of appreciation.



5. Department organized an Expert Talk on “Supervised Learning Neural Network using Back Propagation Methods” by Dr. Tilottama Goswami, IEEE Hyderabad Section, Professor, BVRIT on 11th October 2018 for V Semester (CBCS) students.

FACULTY ACHIEVEMENTS

1. Mr. Rafi-U-Zaman, Assoc. Prof. has successfully completed his doctoral degree on 6.12.2018.
2. Ms Farha Nausheen Asst. Prof. joined part time Ph.D. program in Dept. of CSE at GITAM University, Vizag.
3. Ms. Hajera Begum, Asst. Prof. joined part time Ph.D. program in CSE dept at KL University, Guntur.
4. Mr. Md. Pasha, Asst. Prof. and Mr. Md. Riyazuddin, Asst. Prof. have cleared their second Research Review Meeting (RRM) from JNTUH.
5. Ms. Hajera Begum, Asst. Prof. has qualified UGC NET 2019 (National Eligibility Test) with 98.3 percentile in the month of December 2018.
6. Three R & D projects from IT dept were proposed and presented to R & D committee on 29.9.2018. Dr. Mousmi, Dr. Devashish Pal, Mr. Rasheed, Mr. Shaik Rasool were the guides and students of 2nd and 3rd year had shown a significant participation in the same.
7. Following faculties successfully cleared NPTEL exam held on 28th Oct 2018
 - a. Ms. M. Tahaseen, Asst. Prof.
 - b. Mr. Md. Asrar Ahmed, Asst. Prof.
 - c. Ms. K. Jyothisna, Asst. Prof.
 - d. Mr. Himayathullah Shareif, Asst. Prof.
8. Dr. Mousmi Ajay Chaurasia, Professor & Head, ITD was felicitated at IEEE Annual General Meeting 2019 for her significant contributions to IEEE Hyderabad Section.

PAPERS PUBLISHED BY FACULTY

1. Dr. Devasish Pal published a paper on “Social Network inference for optimized E-Commerce using Emotion AI” in Journal of Adv Research in Dynamical & Control Systems, Vol. 10, 07-Special Issue, 2018.
2. Mr .Gouse Baig published a paper “RFID-Based Cloud-Assisted Authentication Scheme for IoT Integration for Smart Home Access Control” in Journal of Adv Research in Dynamical & Control Systems, Vol. 10, 02-Special Issue, 2018.
3. Dr. Devasish Pal published a paper on “A novel metric to determine language complexity using dictionary method percentage retrieval (DMPR)” in International Conference on Emerging Trends in Engineering, Sciences & Management 2018, 21-22 December 2018. This conference was indexed by Elsevier, Scopus, Taylor & Francis, Google scholar.
4. Ms. Fouzia Sayeedunnisa published a paper on “Using Diverse feature of Opinion mining of “Kerala Floods 2018” in International Conference on Emerging Trends in Engineering, Sciences & Management, from 21-22 December 2018. This conference was indexed by Elsevier, Scopus, Taylor & Francis, Google scholar.
5. Mr. Gouse Baig published a paper on “A multi model cloud assisted authentication for security in RFID critical IoT Applications” in December 2018 Issue. This journal is Scopus indexed and UGC approved.
6. Mr. Asrar Ahmed published a paper on ”Privacy preserving Dynamically Indexed Multi-Phrase Search over Encrypted Data” in

International Conference on Advances in Computing, Communications and Informatics (ICACCI) conducted on 19-22 Sept. 2018

7. Mr. Mohd Pasha published a paper on “Scalable and Energy Efficient Task Offloading Schemes for Vehicular Cloud Computing” in International Journal of Computer Networks & Communications (IJCNC) Vol.10, Nov 2018.

WORKSHOP/CONFERENCE PARTICIPATION BY FACULTY

1. Dr. Mousmi Ajay Chaurasia Prof & Head ITD attended the inaugural of IEEE "Women in Robotics" 1-day workshop on 10th Sept 2018 at Student Activity Center, MJCET.
2. Following faculties attended a 3-day hands-on workshop on “Vmware” 29-31 Oct 2018 conducted at CSE dept., College of Engineering, OU
 - a. Mr. M.A. Rasheed, Asst. Prof.
 - b. Mr. Md. Ibrahim Khaleelullah, Asst. Prof.
3. Dr. Mousmi Ajay Chaurasia Prof & Head ITD attended a one-day workshop on “Examination Reforms” organized by AICTE at JNTUH on 14th Dec, 2018.
4. Following faculties attended a half day workshop on Intellectual Property Rights and Patenting on Thursday 27th December 2018 from 2.00PM to 3.45 PM at Main Seminar Hall, MJCET organized by MJCET Incubation and Innovation cell.
 - a. Mr Syed Azar Ali, Asst. Prof
 - b. Mr. Arif Hussain, Asst. Prof

5. Mr. Asrar Ahmed, Asst. Prof. attended a 3-day International Conference “on Advances in Computing, Communications and Informatics (ICACCI)” conducted on 19-22 Sept. 2018

6. Following faculties have attended a 2 week faculty development program on “Deep Learning” organized by NIT Warangal at CES Dept, Kallam Haranadhareddy Institute of Technology from 12-17 Nov, 2018
 - a. Mr. Gouse Baig, Asst. Prof.
 - b. Mr. MDV Prasad, Asst. Prof.

7. Ms. Fouzia Sayeedunissa, Assoc. Prof. attended a 3 day national level workshop on “Machine Learning and its Application” from 28-30 Nov 2018 conducted at Vasavi college of Engineering.

8. Mr. Mohd Pasha, Asst. Prof. attended a 1 week faculty development program on “Machine Learning using Python” from 29th Nov to 5th Dec 2018 conducted at Vasavi college of Engineering.

SPORTS ACHIEVEMENTS BY FACULTY

IT faculties participated in MJCET Annual Sports and following is the list of winners

1. Badminton & Chess Winner:
 - a. Mr. Gouse Baig, Asst. Prof.
2. Cricket Winners:
 - a. Mr. Himayatullah Sharief, Asst. Prof.
 - b. Mr. Md.Riyazuddin, Asst. Prof.
 - c. Mr. M.A. Wajid, Asst. Prof.
3. Volleyball Winners:
 - a. Mr. M.A. Wajid, Asst. Prof.
 - b. Mr. Shaik Rasool, Asst. Prof.
 - c. Mr. M.A. Rasheed, Asst. Prof.

STUDENT ACHIEVEMENTS

1. Ms. Batul (I/IV), Ms. Isra (I/IV) and Mr. Maaz Khan (I/IV) won the consolation prize in Hack Revolution 12-hrs Hackathon organized by CSED, MJCET.
2. Ms. Batul (I/IV) participated in Gymnastics at All-India Inter-University tournament held at Panjali University, Chandigarh from 17-11-2018 to 19-11-2018
3. Ms. Fariya Banu (IV/IV) and Safoora Khan (III/IV) participated in Accenture Hackathon and six students from final year were nominated for Service Now Hackathon



STUDENT ACTIVITIES

1. IEEE-CIS chapter organized a 2-day “Android workshop” on 10-11 August 2018 for 2nd and 3rd year students. In total 35 students participated including four students from CBIT, Hyderabad. The focus of this workshop was to give the students an overview of Android and explore its building blocks and Database connectivity. The Speaker for the workshop was Mr. Kumar Reddy from Velsol pvt limited.



2. ACM student chapter organized a technical quiz “Secret and Lies” on 18th August 2018 for MJCET students. More than 60 students participated in the same. The session was a two round event based on IQ, critical thinking and problem solving. A total of 12 teams were formed each consisting of 5 students. The idea behind this event was to promote team work and to help the new students settle in the new environment.



3. ACM student chapter organized a hands-on session on “Master your Profile” on 25th October 2018 for MJCET students. Almost 30 students participated in the same. This session was organized aiming on the awareness of the benefits of the LinkedIn to the students. The session covered topics such as building up of CV, creating connections in the technical world and keeping one’s technical profile up to the mark. The speaker for this session was ACM’s Technical Head.



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**ACADEMIC CALENDAR for B.E IV & VI Semester CBCS and IV YEAR II Semester
ACADEMIC YEAR 2018-2019**

Sl. No.	Event / Activity	Scheduled Date for CBCS IV & VI Semesters and IV year II Semester
1	Commencement of Class work	24-12-2018
2	Submission of attendance up to 02-02-2019	04-02-2019 to 05-02-2019
3	Meeting / Counseling with parents of students having less than 65% of aggregate attendance up to 28-07-2018	07-02-2019 to 09-02-2019
4	ADSOPHOS 2019	11-02-2019 to 12-02-2019
5	Class Test I	18-02-2019 to 21-02-2019
6	Distribution of Corrected Scripts of Class Test I and Entry of Class Test I Marks in Assessment matrix.	25-02-2019 to 28-02-2019
7	Feedback	25-02-2019 to 02-03-2019
8	Submission of Attendance up to 02-03-2019	05-03-2019 to 06-03-2019
9	Display of attendance up to 02-03-2019 and Class Test I Marks	08-03-2019
10	Issue of Progress Report, Meeting / counseling with parents of students having less than 65% of aggregate attendance up to 02-03-2019 and/or scoring less than 40% marks in Class Test I	11-03-2019 to 16-03-2019
11	Class Test II	10-04-2019 to 13-04-2019
12	Last Date of Instruction	13-04-2019
13	Distribution of Corrected Scripts of Class Test II and Entry of marks in Assessment Matrix	15-04-2019 to 17-04-2019
14	Submission of Final attendance up to 12-04-2019	15-04-2019 to 17-04-2019
15	Preparation Holidays and Practical Examinations	15-04-2019 to 27-04-2019
16	Display of Final Internal Assessment Marks and Attendance up to 12-04-2019 on Department Notice Boards	18-04-2019
17	Display of List of Detained Students	18-04-2019
18	Intimation of Errors and Discrepancies in Sessional Marks by Students to HODs	18-04-2019 to 20-04-2019
19	Submission of Sessional Marks to O.U. Examination Branch	24-04-2019
20	Commencement of Theory Examinations	29-04-2019