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EDITORIAL BOARD

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INSTITUTIONAL VISION

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

INSTITUTIONAL MISSION

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

OUTCOME BASED EDUCATION (OBE)

Outcome based education (OBE) is a process that involves the restructuring of curriculum, assessment and reporting practices in education to reflect the achievement of high order learning and mastery rather than the accumulation of course credits” (Tucker, 2004). Thus the primary aim of OBE is to facilitate desired changes within the learners, by increasing knowledge, developing skills and/or positively influencing attitudes, values and judgment.

OBE embodies the idea that the best way to learn is to first determine what needs to be achieved. Once the end goal (product or outcome) has been determined the strategies, processes, techniques, and other ways and means can be put into place to achieve the goal.

The focus of education has shifted from the educator to learner however this shift requires change within the educational system in order to facilitate learning.

Establishing an OBE system for education is the best way for a particular learner to reach the desired outcomes. The role of the educator is to enable and encourage all learners to achieve essential outcomes while the learner actively participates in and contributes towards the learning process. OBE also demands a commitment to continuing professional development and lifelong learning.

The current issue focuses on Outcome based Education. Information Technology department has successfully implemented the Outcome based Education in it's teaching learning process for the benefit of the students. The continuous teaching learning process will improve the both student and faculty. I hope the department get benefitted with the outcome based education.

Maniza Hijab, Head-ITD

VISION OF IT DEPARTMENT

To create a ambiance of academics, excellence through state of art infrastructure and learner-centric pedagogy to employability in multi-disciplinary fields.

MISSION OF IT DEPARTMENT

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.

PROGRAMME EDUCATIONAL OBJECTIVES OF IT DEPARTMENT

- I Graduates will demonstrate technical competence and leadership in their chosen fields of employment by identifying, formulating, analyzing and creating efficient IT solutions.*
- II Graduates will be successful as software engineers, academicians, researchers, and administrators appropriate to their background, interest and education.*
- III Graduates will communicate effectively as individuals or team members and be successful in varied working environment.*
- IV Graduates will demonstrate lifelong learning through continuing education and professional development*
- V Graduates will be successful in providing viable and sustainable solutions within societal, professional, environmental and ethical context.*

PROGRAMME OUTCOMES OF IT DEPARTMENT

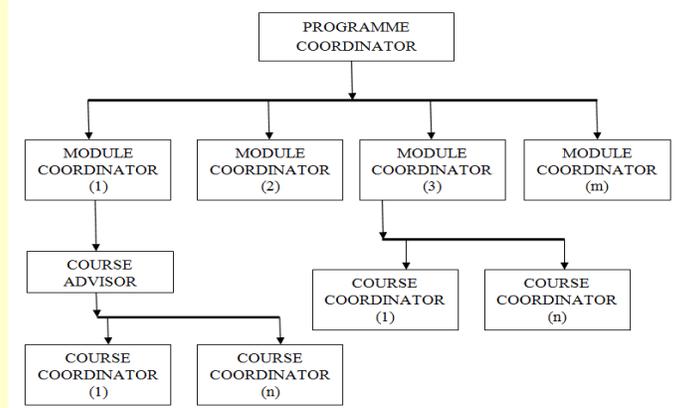
- *Apply knowledge of computing, mathematics, science and IT engineering fundamentals for solution of complex problems.*
- *Analyze a problem, and identify and formulate the requirements appropriate to its solution.*
- *Design and implement a computer-based system, process, component, or program to meet the needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.*
- *Use research - based knowledge and research methods to derive valid conclusions for complex problems.*
- *Use current techniques and modern tools necessary for computing practice i.e. for presentation and report.*
- *Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional IT practice.*
- *Examine the impact of professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need of sustainable development.*
- *Understand professional, ethical, legal, security and social issues and responsibilities.*
- *Function effectively individually and on teams, including diverse and multidisciplinary, to accomplish a common goal.*
- *Communicate effectively with a range of audiences in various formats.*
- *Recognize and engage in continuous professional development.*
- *An ability to understand engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects.*

Article on Roles in Outcome Based Education

This article explores about the roles and responsibilities in OBE. To implement and execute the outcome based education process, different roles were considered. The roles in OBE are presented below. Head of the Department is the chairman and key role player in order to execute all the activities of OBE. Programme Coordinator will monitor and review the activities of the programme for all the four years through Module Coordinators.

Many modules were considered as per the requirement for the programme. Module Coordinators were ratified by Internal Quality Assurance Cell. Module Coordinators are responsible for the delivery of the teaching in individual modules and the accompanying administration. Module Coordinators conducts meetings with Course Coordinators for execution of activities under their module.

The course coordinator is responsible for planning, delivering and assessing the outcomes of the courses offered by him/her during the semester/year. Course coordinators are accountable to the Head of the Department for all academic and administrative activities associated with the course. He/she has to work in coordination with the course advisor and module coordinator for the day to day activities and with the Programme Coordinator and the HOD for the overall course administration. The course coordinator is expected to maintain academic quality in knowledge, pedagogy and alignment of the learning activities with course outcomes and assessment.



Roles in Outcome Based Education

Course advisor is designated wherever the same course is offered by different course coordinators to different sections/classes. There are 13 modules for the Information Technology programme. Each module consists of respective Module Coordinators. Programme Coordinator will interact with Module Coordinators.

Rigorous meetings will be held in coordination with Programme Coordinator, Module Coordinators, Course Advisors and Course Coordinators for strengthening the curriculum. With the Outcome Based Education, both teacher and students are benefitted.

N Md Jubair Basha,
Programme Coordinator,ITD

LIST OF MODULES & COORDINATORS

Major Project	Maniza Hijab
Information Management	Dr Uma N Dulhare
Networks, Operating Systems & Advanced Computing	Asia Sultana
Internet Technology	Himayatullah Sharief
Electronic Processors & Signal Systems	Afshan Kaleem
Software Engineering	Mohd. Afroze
Computational Theory	Hajera Begum
Database Design & Algorithms	Asrar Ahmed
Mini Project	Md. Pasha
Probability for Computing	MDV Prasad

PLACEMENTS

Organizations	2014-15
Infosys	15
Wipro	06
HSBC	04
I Gate	03
CSC	05
Total Job offers	33

ADMINISTRATIVE RESPONSIBILITIES

Head	Maniza Hijab
Associate Head	Dr Uma N Dulhare
Programme Coordinator	N Md Jubair Basha
Alumni Coordinator	Md Pasha
Placement Coordinator	Sarfaraz Ahmed
B.E. I Year Coordinator	Arif Hussain
ACM Student Chapter Incharges	N Md Jubair Basha Himayatullah Sharief
IEEE CIS Chapter Incharges	Maniza Hijab, Alefiah Mubeen

The students may contact the above faculty members regarding the issues with respect to above matters.

INDUSTRY INSTIUTUTE INTERACTION

Department of IT has initiated Industry Institute Interaction in the academic curriculam. Industry institute interaction fulfills the gap between the industry and academia. Some part of syllabus from the course will be delivered by the industry expert. This helps the students to know what is happening in the industry. During this semester four courses were implemented Industry Institute Interaction.

a. Cloud Computing

The industry guest expert for Cloud Computing course is Mr. Mahmood Ali, Systems Engineer, CA Technologies, Hyd. & OWS Infotech. It was conducted for Final Year students on 04-March-2015. The expert has covered the 3rd Unit of the Cloud Computing. Md Pasha, Asst, Prof was the Course Coordinator. The industry guest expert for Design & Analysis of Algorithms course is Mr. Abdul Bari, Director, One Up Solutions, Hyd.. It was conducted for Third Year students on 04-April-2015. The expert has covered the 5th unit of the Design & Analysis of Algorithms. Himayatullah Sharief, Asst, Prof and Asrar Ahmed were the Course Coordinators.



Guest speaker Mahmood Ali delivering the lecture

b. Design & Analysis of Algorithms



Maniza Hijab, Head, ITD presenting the memento to Abdul Bari, Director, One-Up Solutions, Hyderabad.

c. Software Testing

The industry guest expert for Software Testing course are Dr Ganesh N Iyer, Principal Researcher, Progress Software, Hyderabad and Mr. C Ganesh , Senior Software Engineer, Progress Software, Hyderabad.. It was conducted for Third Year students on 06-April-2015. The expert has covered the 5th Unit of the Software Testing course. N Md Jubair Basha, Asst. Prof, ITD was the Course Coordinators.



Ms Badar Fatima, III Year IT presenting a Bouquet to Dr Ganesh Iyer

d. Web Technology

The industry guest expert for Web Technology course is Mr. Abdul Bari, Director, One Up Solutions, Hyd It was conducted for Second Year students on 12-March-2015. The expert has covered the 4th Unit of the Web Technology. G Vani, Asst, Prof was the Course Coordinator.



Guest speaker Abdul Bari, Director, One-Up Solutions, Hyderabad delivering lectures

FACULTY PUBLICATIONS

1. Ms. Maniza Hijab, Dr. Uma N. Dulhare Published a research paper on “A Review on Resource Discovery Strategies in Grid Computing” IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 17, Issue 2, Ver. IV (Mar – Apr. 2015), PP 08-12.
2. N Md Jubair Basha “Component Reuse Methodologies in Software Development: A state of art”, published in National Conference on Distributed Machine Learning (NCDML 15) held during Feb 20-21 2015 at SSN college of Engineering , Chennai.
4. Ms. Farha Nousheen, Ms. Hajera Begum Published a research paper on E2ACK: Preventing Routing misbehaviour in mobile ad hoc networks using OLSR protocols published in IJCSN Vol 4, Feb 2015.
5. Ms. M. Tahseen Published a research paper on “Comparative Analysis of Various Grid Based Scheduling Algorithms” IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 17, Issue 2, Ver. IV (Mar – Apr. 2015), PP 13-16.

PARTICIPATION IN CONFERENCES

Mr. N. Md. Jubair Basha has attended the ISEC 2015 conference held during Feb 18-20 2015 in Bengaluru, India.

WORKSHOP PARTICIPATIONS

The following faculty members have participated in the 3 day Workshop on pedagogy for Effective use of ICT in Engineering Education under the National Mission on Education through ICT (MHRD, Govt of India) from 5th to 7th January & 19th to 21st Jan, 2015 at MJCET (RC ID 1032)

- i. Mr. K. Ramu
- ii. Mr. Ibrahim Khalilullah
- iii. Mr. MDV. Prasad
- iv. Ms. Sheik Sabeera Khader

STUDENT ACHIEVEMENTS & ACTIVITIES

1.The following students have attended the awareness program being conducted by IEEE WIE/PES at 5 Schools namely Sri Satya Educare Kakatiya Ridgewood Spectrum on 28th – 29th Jan, 2015.

- i. Ms. Syeda Badar Fatima - B.E III/IV
- ii. Ms. Sana Naaz- B.E III/IV
- iii. Ms. Arnaaz Ahmed of B.E III/IV
- iv. Ms. Ayesha Neha of B.E III/IV

2.The following students have participated in Mozilla “Mozilla Hackathon MJCET” held on 25th January 2015 at MJCET –Hyderabad in association with Mozilla Representatives.

- i. Mohammed Azhar of B.E III/IV
- ii. Syed Shoab of B.E III/IV
- iii. Shanu Zaidi of B.E III/IV
- iv. Syed Kalam of B.E III/IV

3.Mr. Rameez Nizam of B.E III/IV has assigned to do a project on “A Generalized Flow Based Method for Analysis of Implicit Relationship on Wikipedia” in Computer Education Division, ECIL for a period of One month as a part of partial fulfillment for the award of the Engineering Degree Certificate.

4.Ms. Maheen Ahmed of BE IV/IV was appreciated and was presented a memento by robotics center, MJCET for working diligently as the marketing head of the robotics center, MJCET.

5. Rumana Khatoon- B.E II/IV, National Level Basketball player :- Represented RGKA Women State Level championship at karimnagar in Jan 2015.

6. Kaleem of B.E IV/IV & Furquan Ullah of B.E III/IV were part of MJCET cricket team that won Inter college cricket tournament held at warangal from 5-13 Jan 2013.

ADSOPHOS 2015



Adsophos’15 a student technical festival was conducted on 15th -16th Feb 2015 by the Department of IT. Many college students participated in the Adsophos 2015 events like Paper Presentation, Professional Ethics, Eco friendly technology and sustainability Code Wars, Circuits, Project Exhibition Events at ITD Labs. Mr.Mohd Pasha, Assistant Professor and Mrs. Farha Nousheen, Assistant Professor were the event co-ordinators. MJCET ACM Student chapter has taken an active role in the Adsophos’15. The following events were conducted during Adsophos’15

ENVISAGE 2015

The department of Information Technology, MJCET organized a Mini Project Presentation contest Envisage – 2015 on 18th April – 2015. Ms. Asia Sultana, Associate Professor was the event co-ordinator. All the students of Second and Third year students exhibited their Mini Projects and three batches from II and III year were given best mini project prizes and all the participated students were given the participation certificates.



Envisage 2015

STUDENT CHAPTERS

1. IEEE CIS Student Branch

A Seminar on Advances in Intelligent Computational Methods for Decision Support

Computational Intelligence Society organized a seminar on 'Advances in Intelligent Computational Methods for Decision Support' on 7th February, 2015. The talk was very informative where Dr. Naresh Kumar, Head, IMS-NRSC (ISRO), Senior IEEE Member, USA presented his research which included as follows:

1. Computational methods that define the pattern of contracting diseases.

2. New techniques based on statistics and computational intelligence to predict true positives cases more effectively.

3. State of the art methods being employed in the area of public health management.



Dr Uma Dulhare & Maniza Hijab presenting a memento to guest speaker Dr Naresh Kumar

IEEE CIS Execom 2015 elections were conducted new execom was formed with following students:

Chair: Faheem Rizwan

Vice-Chair: Muzaffar Ali, III Year

Secretary: Shanu Zaidi, III Year

Treasurer: Ziauddin Siddiqui, III Year



IEEE CIS Execom 2015

2. MJCET ACM Student Chapter

ACM EMINENT SPEAKER PROGRAMME



Eminent Speaker Dr Y. Raghu Reddy, IIIT Hyderabad ACM membership drive week is conducted during 23-27 March 2015. As a part of this, MJCET ACM Student Chapter has conducted an ACM Eminent Speaker Programme on 25-March-2015. The event is well organized and managed by the B.E III/IV (IT) students under the guidance of Mr. N Md Jubair Basha, Faculty Sponsor, MJCET ACM Student Chapter. The eminent speaker is Dr Y Raghu Reddy, Associate Professor & Head, IIIT Hyderabad.



Dr Uma N Dulhare, Professor, ITD is presenting a memento to Dr Y Raghu Reddy, IIIT Hyderabad.

MJCET ACM Student Chapter elections were conducted on 28- April 2015. The newly elected chapter officers from Third Year as follows:

Chair : Syed Farhan

Vice-Chair: Syed Shoiab

Secretary: Syeda Bader Fatima

Associate Secretary: Fazilath Fatima

Treasurer: Zeeshan Khan Saif,

Marketing Head: Rimsha Zaki & Ehtemaaduddin

ACM Care Head: D Meghana , Ashwitha, Rasheed

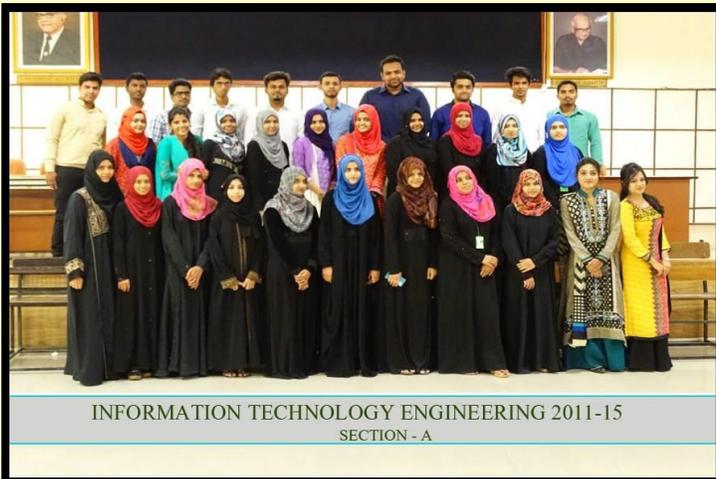
Logistics Head: Nabeela Fatima, Ashfaq Ahmed

& Husna Badar.

Web Master: Abdul Sohail & Khaja Mohinuddin.

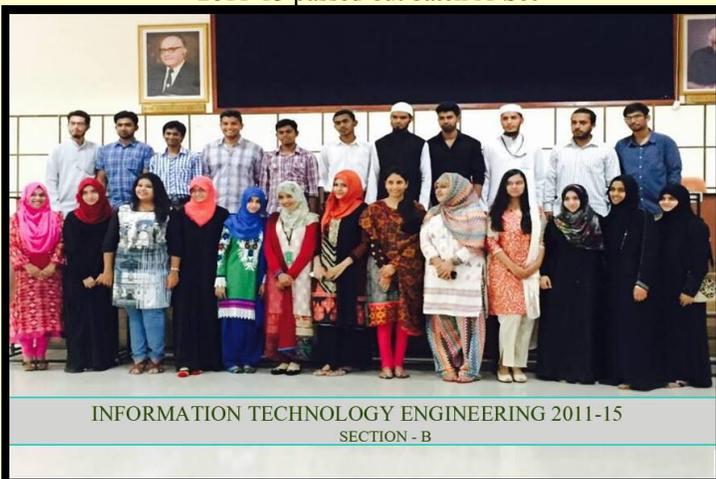


ACM Chapter Officers 2015-16 with new execom
2011 -15 PASSED OUT BATCH



INFORMATION TECHNOLOGY ENGINEERING 2011-15
SECTION - A

2011-15 passed out batch A-Sec



INFORMATION TECHNOLOGY ENGINEERING 2011-15
SECTION - B

2011-15 passed out batch B-Sec



FELICITATION OF DR ARSHIA AZAM

Dr Arshia Azam, Professor, ECED served IT Department as Head, ITD during 2011-2012. She joined Moulana Azad National Urdu University (MANUU). IT department appreciated her services and felicitated on 24-April 2015.



Felicitaton of Dr Arshia Azam

ANNOUNCEMENTS

1. UPCOMING EVENTS 2015-16

- One Week short term course on Soft and communication skills
- One day workshop on Software mathematical tools
- Social Service Programmes
- Guest lectures on latest trends
- Programming Languages workshop for Final years
- Technical Events
- Fun Events
- Industry Institute Interaction Programmes for academic subjects
- Competitive Mobile App development

2. CALL FOR ARTICLES

Call for articles for the next issue of INFOVOGUE Newsletter theme -Mining Software Repositories.

Interested students and faculties can submit the articles on this theme. The article should not exceed 300 words and relevant to the newsletter theme of the issue. The editorial committee will scrutinize and publish the high quality articles in the next issue. You may submit your articles through e-mail to acm@mjcollege.ac.in

Submit on or before **10-Dec-2015**

For more details visit:

<http://mjcet.acm.org>

<http://ieeemjcet.org>

ACADEMIC CALENDER 2015-16 I-SEM

Sl. No.	Event / Activity	Scheduled Date
1	Commencement of Class work	20-07-2015
2	Display of attendance up to 15-08-2015	18-08-2015
3	Meeting / Counseling with parents of students having less than 65% of aggregate attendance up to 15-08-2015	24-08-2015 to 29-08-2015
4	Class Test I	07-09-2015 to 09-09-2015
5	Distribution of Corrected Scripts of Class Test I and Online Entry of Class Test I Marks in Assessment matrix and online portal	18-09-2015 to 21-09-2015
6	Display of I Internal Marks and monthly attendance up to 19-09-2015	23-09-2015
7	Issue of Progress Report, Meeting / counseling with parents of students having less than 65% of aggregate attendance up to 19-09-2015 and/or scoring less than 40% marks in Class Test I	28-09-2015 to 03-10-2015
8	Feedback	17-10-2015 to 23-10-2015
9	Final Year Project Review	26-10-2015 to 31-10-2015
10	Display of monthly attendance up to 31-10-2015	03-11-2015
11	Class Test II	05-11-2015 to 07-11-2015
12	Display of aggregate attendance up to 04-11-2015	07-11-2015
13	Last Date of Instruction	07-11-2015
14	Intimation to parents of students having less than 65% of aggregate attendance up to 04-11-2015 and display of detention list	09-11-2015 to 10-11-2015
15	Distribution of Corrected Scripts of Class Test II and Online Entry of marks in Assessment Matrix and online portal	09-11-2015 to 13-11-2015
16	Practical Examination	09-11-2015 to 28-11-2015
17	Display of final internal Assessment marks	16-11-2015
18	Intimation of Errors and Discrepancies by Students to HODs	17-11-2015
19	Commencement of Theory Examinations	30-11-2015

Note: This academic calendar is only for II,III, IV Year I-Sem.