

Social Media Champ Award

FACTS & FIGURES

The MJ College of Engineering and Technology is offering four year B.E. degree and two year M.E. / M. Tech. degree programmes. The ECE and Mechanical Engineering Departments have recognized Research Centers for pursuing Ph. D. program of O.U. About 15 research scholars are presently pursuing Ph. D. in them. The application of Civil Engineering Department for a Research Center is pending with the Osmania University since close to one year. The college is planning to apply for Research Center in CSE Department during this year.







INTAKE

Course Details	Intake 2015- 2016	
Courses Leading to B.E	. Degree	
Civil Engineering	120	
Computer Science and Engineering	120	
Electrical and Electronics Engineering	60	
Electronics and Communication Engineering	n 120	
Electronics and Instrumentation	n 60	
Information Technology	120	
Mechanical Engineering	120	
Production Engineering	60	
Total intake in B.E. Courses	780	
Courses Leading to M.E. / M. Tech. Degree		
CAD/CAM	18	
Computer Science and Engineering	24	
Digital Systems	24	
Structural Engineering	18	
Power Electronics and Systems	18	
Total intake in M.E. / M. Tech. Degree	102	

The increase of intake in B.E. CSE Programme from existing 120 to 180 can be done only after accreditation by NBA. The college has applied for NBA Accreditation of all the eight B.E. programmes. The visit by the expert committee is scheduled in the months of August – September, 2016. The final dates are yet to be received from NBA.









COLLEGE ADMINISTRATION

- Dr. Basheer Ahmed, Advisor Cum Director
- Prof. N. Krishnan, Principal
- Prof. AshfaqueJafari, Dean Academics
- Prof. Syed FerhathullahHussainy, Dean Administration and Student Affairs
- Mr. K. V. Narsimha Rao, M.A., Registrar

Heads of the Departments and Sections

- Prof. Moinuddin Ahmed, Ph. D., Head, CED
- Prof. A.A. Moiz Qyser, Ph. D., Head, CSED
- Prof. Haseeb Khan, Ph. D., Head, EED
- Prof. Kaleem Fatima, Ph. D., Head, ECED
- Ms. Maniza Hijab, M.C.A., M. Tech., Head, ITD
- Prof. Shaik Khader Vali, Ph. D., Head, MED
- Prof. Syed Yousufuddin, M.E., PG Chief Coordinator
- Dr. Abdul Majeed, Ph. D. Head, Mathematics Section
- Prof. M.A. Khadeer, Ph. D., Head, Physics Section
- Prof. Y. Arun Kumar, Ph. D., Head, Chemistry Section
- Dr. Nirmala Nair, Ph. D., Head, English Section

Associate Heads of the Departments

- Mr. D. Ram Mohan Rao, M. Tech., CED
- Ms. Qamar Sultana, M. Tech., CED
- Ms. Afreen Sultana, M. Tech., CSED
- Ms. Ayjaz Fatima, M. Tech., EED
- Mr. J. V. R. Vithal., EED
- Mr. J. K. Nag, M. E., ECED
- Dr. Uma N. Dulhare, ITD
- Mr. D. Srinivas Rao, M. Tech., MED

M.E. Coordinators

- Dr. Md. Hamraj, Structural Engineering
- Mrs. Ayesha Naaz, Digital Systems
- Prof. M.P. Soni, Power Electronics Systems
- Prof. N. Seetaramaiah, CAD/CAM
- Mrs. Gauri Patil, CSE

Programme Coordinators

- Civil Engg.: Mr. Toufeeq Anwar, M. E.
- CSE: Dr. M. A. Jabbar
- EE : Ms. Fabia Akbar, M. Tech.
- ECE: Dr. Arifuddin Sohel
- EIE: Prof. Shaik Abdul Qadeer, Ph. D.
- IT : Mr. N. Md. Jubair Basha, M. Tech.
- ME: Prof. A. S. Reddy, Ph. D.
- PE : Mr. Sirajuddin Ilyas Khany M.S.

Library and Placements

- Prof. B. Satyanarayana, Chief Librarian
- Mr. Arun Chandra, Director, Placements
- Prof. S.M. Faroog Basha, Placement Officer

RESULTS

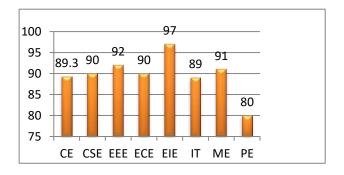


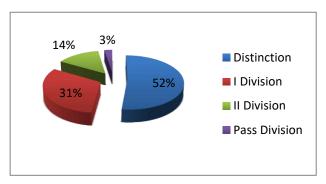






Programme	Percentage Result	
Civil Engineering	89.3	
Computer Science and	90.0	
Engineering		
Electrical and	92.0	
Electronics Engineering		
Electronics and	90.0	
Communication		
Engineering		
Electronics and	97.0	
Instrumentation		
Engineering		
Information Technology	89.0	
Mechanical Engineering	91.0	
Production Engineering	80	

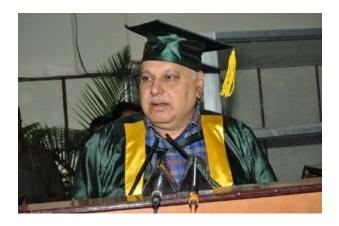




The average result of B.E. final year was 89.8% and the overall result of the 2011 batch which graduated in June 2015 was 79.3%. About 52% of the graduates obtained distinction and another 31% first class.









UNIVERSITY RANKS

Programme	No. of Ranks	Ranks Obtained
Civil	3	7,9,10
CSE	-	-
EEE	1	2
ECE	-	-
EIE	5	1, 2, 3, 4,
IT	1	9
ME	1	6
PE	1	8
TOTAL	12	

In the year 2015, CSE and ECE branches have not secured a University Rank. The Heads of the Departments have analyzed in detail the reasons for securing lower number of University ranks during 2015. The general perception is that since the admission process of this batch was disturbed due to delay in AICTE approval, students of high caliber opted for other institutions in order to avoid uncertainty. Hence even though the results of this batch are at par with previous batches, ranks could not be secured at the University level. The Hon. Secretary has been apprised of these facts through a detailed note.











PLACEMENTS

Company	# of
Infosys	93
Wipro Technologies	59
Capgemini	32
NTT Data	5
Polaris Financial	2
Samsung R &D	2
Xtream IT	1
Amazon	37
Persistent System	2
Cyient Pvt. Limited	8
Axeness, Uber, Genpact,	59
TOTAL	300

A total of 300 students have received placement offers from 15 companies during the academic year 2015-2016. The highest annual salary offered is Rs. 7.5 lakhs by Samsung R &D.

Programme	# of Offers
Civil Engineering	8
CSE	86
EEE	32
ECE	80
Mechanical Engineering	26
IT	44
Production Engineering	8
P.G. Courses	7
Total	300



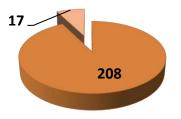




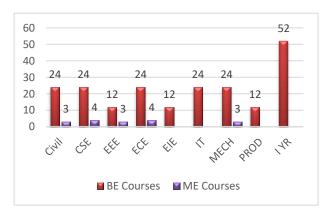
FACULTY

Sanctioned Posts

Programmes	Sanctioned Faculty	Faculty : Student Ratio
B.E.	208	1:15
M.E.	17	1:12
Total	225	



Programme wise Faculty Faculty Cadre



The total sanctioned faculty posts are 225. The Programme wise faculty and the cadre information are furnished in this section.

Faculty Cadre Professors - 25 Assoc Professors - 35 Assistant Professors - 172



FACULTY PROFILE, DEVELOPMENT

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ACHIEVEMENTS

All the faculty members are post graduate and are meeting the AICTE norms of qualification. 42 faculty members are doctorate and 75 more are pursuing Ph. D. degree from various Universities. However, there is a deficiency in the cadre ratio due to shortage of Professors and Associate Professors.







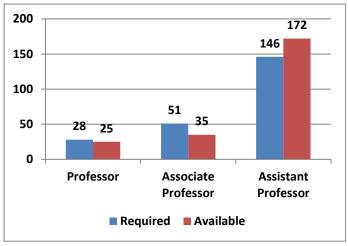


The Department and cadre wise distribution of the existing faculty is presented below.

Dept	Professors	Associate Professors	Assistant Professors
CE	7 (4)	6	18
CSE	2 (1)	7	23
EE	3 (2)	5	19
ECE	1	5	22
IT	1	3	21
ME	6 (3)	8	23+1 AC
BS&H	5 (1)	1	45
Total	25 (13)	35	172

() Figure in brackets represents regular and ratified professors.

AC - Academic Consultant



While there are adequate number of Ph. D. qualified faculty in Civil and Mechanical Engineering Departments, a shortage exists in all the other Departments, especially in the ECE, CSE and IT Departments.







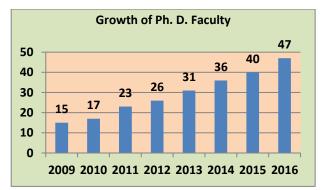




During the Academic year 2015-2016, five faculty members have obtained Ph. D. degree. The details are furnished below.

Faculty Name	Department
Dr. M. A. Jabbar	CSED
Dr. A. S. Reddy	Mechanical
Dr. Sadak Ali Khan	Mechanical
Dr. Arifuddin Sohel	ECE
Dr. Shaik Kareem Ahmed	Physics

The faculty members in ECE and EE who have recently acquired Ph. D. degree are to be promoted shortly as Professors. This will overcome the deficiency to some extent.



A large number of faculty members have attended conferences and published papers. Details of paper publications in Journals are as follows:

Department	National	International
	Journals	Journals
CED	2	4
CSED	1	8
ECED	-	1
EED	10	11
ITD	1	4
MED	9	14
I Year	21	30
TOTAL	44	72









Details of paper presentations in conferences and seminars are as follows:

Department	National	International
	Conference	Conference
CED	-	2
CSED	1	4
EED	4	-
ECED		1
ITD	2	4
MED	20	15
TOTAL	27	26

Faculty members also participated in National and International workshops and refresher courses. The details are as follows:

Department	National Workshop	International Workshop
CSED	9	
ECED	16	3
Civil Engg	20	
IT	21	
Mathematics	9	
English	5	
TOTAL	80	3

The following faculty members have notable achievements to their credit during the academic year 2015-2016.

- Dr. Kaleem Fatima is nominated as the Chair of CAS/EDS Chapter, IEEE Hyderabad Section, for the year 2016.
- Dr. Arifuddin Sohel is nominated as the Vice- Chair of CAS/EDS Chapter, IEEE Hyderabad Section, for the year 2016.
- Three ECE Dept faculty were the organizing members of the 3-day "**Prime Asia-2015**" Conference
- Dr. Uma N Dulhare, Professor, ITD received "Best Academic Researcher Award 2016" from ASDF Global.
- ACM honored Mr. Jubair Basha, Assistant Professor, ITD, with Senior Membership for his contribution towards ACM









ACADEMIC ACTIVITIES

The CED, CSED and ECED have organized two week workshops in collaboration with IIT Bombay and IIT Kharagpur under Remote Center model.

A 1-Day "IEEE CASS OUTREACH INITIATIVE CIRCUIT & SYSTEM WORKSHOP" was conducted by the ECED on 30-11-2015 and IEEE CASS Chapter, Japan Section and Joint Chapter of IEEE CAS/ED Societies, Hyderabad Section in association with MJCET. Prof. N. Kasa and Prof. H. Asahara, from Okayama University Japan, visited the college with four Japanese students.











MoUs Signed with Industry

A Memorandum of Understanding between Redpines Signals Inc. Hyderabad, India and the Department of E.C.E MJCET was signed on 06-04-2016. The dignitaries present on behalf of Redpine Signals were Mr. N. Venkatesh, and Mr. Raju Macharla, Sr. Vice Presidents, Redpine Signals. Dignitaries for and on behalf of MJCET, Hyderabad were Mr. Zafar Javeed, Hon. Secretary, SUES, Dr. Basheer Ahmed, Advisor Cum Director, MJCET and Dr. Kaleem Fatima, Head ECE Dept, MJCET. Dr. Arifuddin Sohel was the course coordinator for the IOTDD (IOT for device development) Wizbee program.

Industry Academia Interaction

MJCET in collaboration with Microsoft, has established "Microsoft IT Academy (MSITA)" Oct-2015 in under Industry-Academia Interaction Program. MJCET has organized 9-day training "Microsoft Cloud program on Fundamentals" from 26-31, Dec-2015 and 08-10. Jan-2016. A Microsoft certified trainer has imparted the training to 55 students of III & IV Year B.E. CSE/IT/ECE/EEE and 5 faculty members of CSE & IT. The MTA certification examination was conducted on January 19, 2016 and 53 students out of 55 and 5 faculty members passed it.











INNOVATIA PANOPLY

CSE Department in collaboration with MJCET Alumni Association, and CSI Students chapter, conducted a one day event "INNOVATIA PANOPLY" on 12th April 2016. It was a mini project contest in which 3rd year students of CSED displayed their mini projects. Three best projects were awarded with cash prize and certificate of excellence.

CSED also organized several other workshops: 6-Day Microsoft Training on "Cloud Fundamentals" during 26-31 Dec 2015, and "Mobile Application Development" during 08-13 Mar 2016. Guest Lectures on: Future of Agile Methodology, and IT Infrastructure Library in Jan and April 2016.

ENVISAGE 2016

ITD in association with ACM Students Chapter conducted a mini project contest "Envisage 2016" on 31-Mar-2016 from 1.30 to 5.00 pm in ITD labs. The jury comprising of guests from Osmania University and Industry judged the projects based on innovative idea, implementation and presentation.

TTCIE - 2015

Students of MJCET and technology have organized a two day student's State conference on 10th and 11th October 2015. The title of conference was "Trends, Technologies, Challenges and Innovations in Engineering (TTCIE - 2015)". A total of 17 papers were shortlisted for final presentations out of 50 papers received from various colleges.









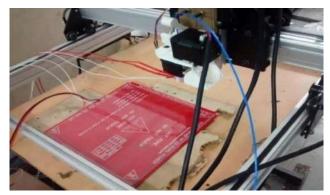
RESEARCH & & DEVELOPMENT AND CONSULTANCY

A Budget of Rs. 10.00 lakhs was allotted for in-house R & D projects in the year 2015-2016. There was an overwhelming response from students and faculty with the R & D cell receiving about 21 project proposals.

This year, 21 project proposals were submitted from various departments seeking R & D funding. After review, 8 projects were approved for funding to the extent of Rs. 6.53 lakhs.









Many of the sanctioned projects are already complete and are being successfully demonstrated by students. Following is the partial list of projects sanctioned and approved for the year 2015-16

- 1. Project Title: Production of low temperatures using Peltier effect. Project guide: Dr. M. Sowjanya, Assistant Prof., MED. Sanctioned Amount: Rs.40, 000/
- 2. Project Title: Design, Analysis and Development of prototype 30 KVAR STATCOM. Project team: Mr. J. V. R. Vithal, Assoc. Prof., EED & Mr. K. Mohammed Rafi, Asst. Prof., EED. Sanctioned amount: Rs. 3, 92, 000/-
- 3. Project Title: Solar powered Auto rickshaw and Design optimization and development of Solar Motorcycle. Project Guide: Prof. A. S. Reddy & Mrs. O. Hemaltha. Sacntioned Amount: 60,000/-
- 4. Project Title: Experimental Investigation of dynamic behaviour of structure using magneto-rheological fluid dampers. Project Guide: Mrs. G. Sailaja, Asst Prof, MED. Sanctioned Amount: Rs 40,000
- 5. Project Title: Influence of degassing effect on quality of Aluminium alloy castings.Project Guide: Mr. Viquar Mohiuddin, Assoc Prof, MED, Sanction Amount: Rs 38575/-









STUDENT

PROFESSIONAL CHAPTER

ACTIVITIES

The Year 2016 was yet again vibrant with a host of professional student chapters bagging awards at National Level.





Dr. A P J Abdul Kalam Innovation Day

The students of MJCET in the commemoration of Dr. Abdul Kalam conducted Abdul the Kalam Day. Dr. P.A. Innovation Govindacharyulu, Professor of VCE, was Chief Guest. The aim of the event was to encourage students to do Innovative projects. Three Best Final year Projects for the academic year 2015-2016 are awarded on this day based on the Innovativeness, originality, Quality of technical work, thesis presentation and answers to queries

i. Robotics Club

The MJCET Robocon Team, comprising of 24 students from ECE/MECH and other departments participated at

National level robotics contest ABU ROBOCON held at Pune in 1st week of March 2015. The Theme of the contest was "Clean Energy Recharging the World" The team built two Robots: Hybrid Robot and Eco Robot. They also designed the arena of the contest. Although the team did not win the award this year, the robots indigenously built and fully were functional. The College Management was gracious to sponsor an amount of Rs. 2.5 Lakhs for designing and building the robots.

ii. E-CELL

Muffakham Jah college of Engineering and Technology was declared E Week Champion Award and at a function held in Bangalore on 5th March 2016. Muffakham Jah College has won the championship award for the third time successively

iii. SAE INDIA

The SAE India MJCET Student Chapter teams participated in various National Events.









SAE BAJA - 2015: The students of Mechanical & Production Engineering have fabricated an ATV this year to Mahindra participate in BAJA SAEINDIA 2016. The vehicle dubbed EL FATEH (v2.0) has been designed, analyzed, fabricated and extensively tested by the students in their college premises and participated in Mahindra BAJA SAEINDIA-2016. Team stood 1st Position in Andhra Pradesh & Telangana States and 60th Position in overall ranking Nationwide

GoKart competition: Team of 25students of Mechanical and Production Engineering departments under guidance of Faculty Advisor Dr. A.S. Reddy, Professor, M.E.D. have fabricated a GoKart vehicle and participated in the competition named "International Series of Karting (ISK) 2016" held at Lahari Resort in Hyderabad from 8th to 11th March, 2016. Team Falcon Racers of MJCET stood 10th Position among 55 teams participated from all over the country and got eligibility for direct entry into next league race of ISK2016 to be held at Bangalore

EcoKart competition: Team of 15 students from Mechanical Engineering Department under the guidance of Faculty









Advisor Mr. Suvarna Kumar, Assistant Professor, M.E.D. have fabricated an **EcoKart** Vehicle and participated in the competition held at BML Munjal University, Gurgaon, Haryana from 11th to 13th March 2016. Team Falconz MJCET gained 201 points which make it stand at 15th position.

iv. CSI MJCET STUDENT CHAPTER

The chapter conducted various events during the last academic year. Hackathon 2015 was organized in collaboration with CSI and ACM Students chapters. This was a 12 hour event providing the students a platform to showcase their problem solving abilities.

The other events were: Master the GRE on 31-July-2015, Placed on 21-Aug-2015, Seminar on Photoshop on 18-sep-2015, Poster Design Competition on 19-Sep-2015, Workshop on HTML and CSS on 16-oct-2015, JavaScript and PHP workshop on 30-oct-2015. It also organized "Sports Day" event exclusively for students of CSI Chapter on 13th April 2016

v. IEEE CS MJCET STUDENT CHAPTER

The chapter conducted various events: LET US C/C++ Workshop, Seminar on Internet of Things, Computers and Internet, Workshop on Graphics Design, and Product Building.









vi. EWB INDIA MJCET STUDENT CHAPTER

EWB MJCET chapter organized a two day conference on "Technologies for Sustainable Ecosystem" in association with various other student chapters of BITS Hyderabad, Gitam University, GNITC and TKREC on 26-27 Mar 2016. It had sessions on energy conservation, water conservation, agriculture, green building technologies, problems of society, a project exhibition, quiz competitions, cleanliness drive included.

ADSOPHOS - 2016

The Annual Student Technical Festival was organized on February 22ndand 23rd2015. All the Six Departments organized various technical events during the two day festival. The highlight of the event was the Project Exhibition which was organized in the Ghulam Ahmed Hall where the students displayed their mini projects as well as the Robots and vehicles fabricated for various competitions.

IEEE SPAC 2016 - A 2-Day SPAC – 2016 was organized in the ECE Dept. on 22nd & 23rd February 2016. Dr. Lakshminarayana Merugu, Principal, Kshatriya College of Engg & IEEE was chief guest. Various technical events and talk held during two days.









STUDENT ACHIEVEMENTS

- i. A team of three students of 3rd year ECE won the State level 1st Prize and a cash award of Rs. 30,000.0 in the project competition titled "ANVESSHANA" for the project titled "Control of wheel chair using hand gestures" at Institution of Engineers, Khairatabad, Hyderabad. 30 engineering colleges participated in the event
- ii. Students of BE Civil have won 1st, 5th and 7th prize in "Survey Quiz" conducted by Institution of Engineers and Survey of India Dept in March 2016









- iii. Mr. Arshad Dewani, BE CSE IV
 year student won "Highest
 Committed Student Branch Activist
 Award" from CSI in Dec 2015
 during Golden Jubilee Annual
 Convention in New Delhi.
- Mr. Μ. A. Mabood, Ms. iv. FarheenFatima and Ms. Batul Hussain published Naeem research paper entitled " IoT: A of Survey Architecture, Applications, Security" in IJARCCE Journal.
- v. Mr. Mohammed Umair Abdullah of 2/4 CSE wo Transdence Business Quiz at "Arthashastra 2015" organized by St. Francis College. He received cash prize of Rs 3000.
- vi. 10 Students of B.E. EIE have published papers in 7 International Conferences.
 - Ms Sana Mujeeb final year student of ECE has been chosen for "President Dr. Abdul Kalam Excellece Award" of \$2000 for the year 2016 thro' Mesco from Consultative Committee of Indian Muslims, North America.









POTPOURRI

Establishment of "Center for Innovative Computing"

CIC is established to enable MJCET's Tie up with IT Giants like IBM, Microsoft, SAP, Oracle for enhancing employability of students. It will be used for conducting IIT — MHRD funded workshops.

Facilities at CIC:

- 60 All in one Computers (Intel i5 core, 8GB RAM, 1 TB Hard Disk)
- Overhead Epson Projector, with Motorized Screen, Bosch Audio System
- Modern Tailor-made Furniture











Modernization of 2 Computer Labs

Two computer labs in the department of CSE were modernized with new chairs, ACs, Ceiling Fans, flooring, etc. It is proposed to take up similar work in other labs in a phased manner by allocating suitable budget for it.

SEATING FACILITY FOR STUDENTS

A seating facility for the students has was inaugurated by Janab Khan Lateef Mohammed Khan Sahab, Honble Chairman SUES, Janab Zafar Javeed Sahab, Hon. Secretary and other board members.

GUEST LECTURES

All the Department Organized Guest lectures by inviting prominent persons from reputed organizations like: GITAM, DRDL, Redpine Signals, Tech Mahindra, Suzlon India, IT eLEARN, Google, Microsoft Inc., IIIT-H, ISRO, IEEE, Infosys, UoH, IIT-H, U of Illinois etc.

COMPETITIVE EXAMS

3 Students of Civil Engineering and 17 of ECE have qualified the GATE 2016 examination. About 25 students of ECE have qualified in GRE / TOEFL. CAT exam has been cleared by 2 ECE students.







VISIT OF DIGNITARIES

Managing Director TSTRANSCO, TSGENCO

Mr. D. Prabhakar Rao, was the chief guest for Commencement Day 2015, held on 05-08-2015.

Managing Director, Hyderabad Metro Rail Ltd.

Mr. N. V. S. Reddy, MD, HMR Ltd, was the Chief Guest for Graduation Day 2015 on 22-08-2015

IEEE Dignitary from Japan

The "IEEE CASS **OUTREACH** INITIATIVE **CIRCUIT** & SYSTEM WORKSHOP" was organized by the IEEE CASS Chapter, Japan Section and Joint Chapter of **IEEE** CAS/ED Societies. Hyderabad Section association with MJCET. Prof. N. Kasa and Prof. H. Asahara, from Okayama University Japan, visited the college four students. The Japanese workshop included poster presentation by 15 PG students.









SPORTS

EVENTS WON

Football

- ✓ IIIT Inter Engineering Tournament [28th February 2016]
- ✓ SNIT Inter Engineering Tournament [7th October, 2015]

Lawn Tennis

✓ 8th Indian Open Inter Engineering Colleges Doubles Tournament Organized by VNR – VJIT. [27th February 2016]

Caroms

- ✓ Open Inter College Tournament organized by Bits Pilani, Hyderabad from 28th − 30th January 2016
- ✓ Open Inter College Tournament organized by Sakshi Media, Hyderabad on 21st January 2016
- ✓ SNIT Inter Engineering Tournament held on 7th October, 2015.
- ✓ CVSR Inter Engineering Tournament held on 10th October, 2015.









RUNNER UPS

Football

- ✓ CBIT National Tournament [20th February 2016]
- ✓ CMR Group of Institutions Tournament [21st September, 2015]
- ✓ O.U. Inter College Tournament [31st October, 2015]

Basketball Team [Girls]

✓ MVSR Inter Engineering Tournament [8th & 9th March, 2016]

Lawn Tennis

- ✓ O.U. Inter College Tournament org by MJCET [3rd November, 2015]
- ✓ 8th Indian Open Inter Engineering Colleges Singles Tournament Organized by VNR – VJIT. [27th February 2016

Chess [Men]

✓ O.U. Inter College Tournament organized by CBIT from 21st to 23rd September, 2015.

Tournaments Organized

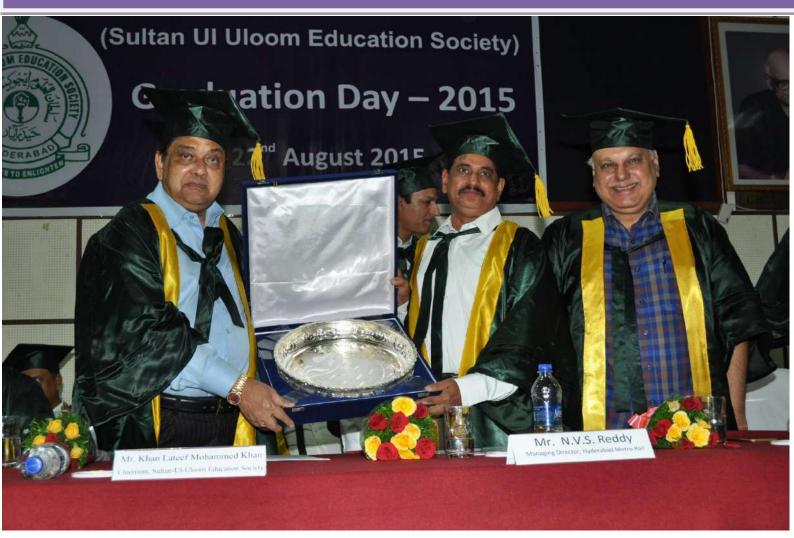
- ➤ OU Inter College Football [Men]

 Tournament from 29th to 31st October,

 2015 at O.U. grounds.
- OU Inter College Lawn Tennis [Men] Tournament on 3rd November, 2015 at Sanjeeva Park, Secunderabad.
- ➤ OU Inter College Throw ball [women]

 Tournament on 5th & 6th January,

 2016 at MJCET campus, Hyderabad



NATIONAL RANKING

For the year 2015, MJCET has been ranked at 55 out of 100 Top Government and Private Engineering Colleges in the country by the English National News Magazine 'Outlook'.

The 'Education World' Magazine of May 2016, has ranked MJCET at 11th position among the Government and Private Engineering Colleges of Telangana.

ACKNOWLEDGEMENT

The Advisor cum Director, Principal, Deans and HODs are thankful to the Sultan-Ul-Uloom Education Society for its timely guidance during the last academic year. The contribution of faculty, staff and students in the academic success is acknowledged. We are also thankful to Print and Electronic Media for giving excellent coverage of activities and creating greater visibility of MJCET at State and National level.