

# BEST PRACTICE I

Establishment of Sustainable Research Ecosystem

**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**

Ref: RD/CS/MJ/07/S-2/NTH/58/978

October 25, 2007



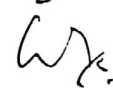



**NOTICE**

All the Heads of Departments/Sections are hereby informed that the following are some of the thrust areas for realization of the VISION of MJCET for development of the College. The vision is to create the Brand Name "MJCET" at National Level by imparting quality education, ensuring 100% placements while building institutional commitment in faculty and students.

1. Research and Development
2. Consultancy Services

To strengthen the above areas, Committees are formed consisting the following members:-

**RESEARCH & DEVELOPMENT COMMITTEE**

- |  |          |   |
|--|----------|---|
| ✓ 1. Dr. Basheer Ahmed<br>Principal                | Chairman |   |
| ✓ 2. Dr. Aliuddin Ansari,<br>Professor & Head, MED | Convener |  |
| ✓ 3. Dr. Veerabhadara Rao<br>Professor, IT         | Member   |  |
| ✓ 4. Dr. T. Eshwar<br>Professor, CSE               | Member   |  |
| ✓ 5. Dr. Rangaiah<br>Professor & Head, ECE         | Member ✓ |   |
| ✓ 6. Dr. K.R.M. Rao<br>Professor, EEE              | Member   |  |
| ✓ 7. Dr. Syed Nawazish Mehdi<br>Professor, MED     | Member   |   |
| ✓ 8. Dr. Moinuddin Ahmed<br>Assoc. Professor, CED  | Member   |   |

Next page, please

✓9. Dr. Y. Arun Kumar  
Professor & Head, Chemistry

Member

✓10. Dr. Shaik Zameerudin  
Professor, Physics

Member

✓11. Dr. A. Waheedullah, Maths

- do -

**CONSULTANCY SERVICES COMMITTEE**

✓1. Ashfaque Jafari  
Vice-Principal (Acad.)  
& Professor, CED

Chairman

✓2. A.S. Reddy  
Assoc. Professor, MED

Member

✓3. Dr. Mohd. Masood  
Assoc. Professor, MED

Member

✓4. Mr. D. Ram Mohan Rao  
Assoc. Professor, MED

Convenor

✓5. Mr. M.A. Khalique  
Professor, CED

Member

✓6. Mr. Chirstoper  
Assoc. Professor, EEE

Member

✓7. Dr. Syed Iqbal Ahmed  
Professor, Mathematics

Member

✓8. Dr. Veerabhadra Rao  
Professor, IT

Member ✓

✓9. Dr. M.A. Khadeer  
Professor, Physics

Member

✓10. Dr. Rangaiah  
Professor & Head, ECE

Member

✓11. Mrs. Aravinda Upadhyaya, Chemi.

- do -

The first meeting of the above committees will be held shortly to initiate future course of action.

*Veerabhadra Rao*  
PRINCIPAL

To  
All the Heads of Departments/Sections

Copy to:

1. All Members of above Committees
2. The Hon. Secretary, SUES for information.

21 January 2019

To,

The Advisor Cum Director,

MJCET.

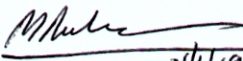
Dear Sir,

Sub: Permission to initiate the process of Establishing MJ - HUB, Incubation center of MJCET, Requested:-

This is to bring to your kind notice that the MJCET Institute Innovation Council established in November 2018 has been actively conducting events to promote innovation and entrepreneurship. Further, I have also been attending meetings of Telangana State Innovation Council at T-HUB and the government is emphasizing on the fact of promotion of startups by students.

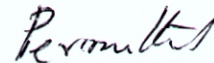
It is observed that in the long run it would be beneficial if an incubation center for MJCET titled as MJ - HUB is established. The role of this incubation center will be to identify innovative ideas of the students and encourage them to register their own startups as partnership firm or Private Limited company. This will help in creating an entrepreneurial ecosystem in the college. In this regard, I request you to grant permission to the MJCET Innovation Council for initiating activities to ascertain the formalities of establishing MJ - HUB.


Regards

  
21/1/19

Dr. Mohammed Arifuddin Sohel

President, MJCET Institute Innovation Council.







## CERTIFICATE

This is to certify that

**MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY,  
HYDERABAD**

has established Institution Innovation Council (IIC) as per the Norms of  
Innovation Cell, Ministry of HRD, Govt. of India  
on 21st November, 2018.

**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

**Shri. R. Subrahmanyam**  
Secretary, MHRD

**Dr. Abhay Jere**  
CIO, MHRD, Innovation Cell

MUFFAKHAM JAH COLLEGE OF ENGG. & TECH.  
(SULTAN UL ULOOM EDUCATION SOCIETY)

DETAILS OF ESTIMATES FOR NON-RECURRING EXPENDITURE DURING YEAR 2007-2008

HEAD OF ACCOUNT	BUDGETED 2006-2007	EXPENDITURE UPTO FEB- 07	EXPECTED Mar-07	TOTAL 2006-2007	ESTIMATES 2007-2008
<b>EQUIPMENT &amp; MACHINERY</b>					
CHEMISTRY.LAB	200,000.00	-	169,050.00	169,050.00	84,000.00
CIVIL ENGG. DEPT	175,000.00	40,000.00	-	40,000.00	425,000.00
C.S.E. AND M.C.A.	400,000.00	36,550.00	-	36,550.00	900,000.00
ELECTICAL ENGG.DEPT	1,000,000.00	594,000.00	594,100.00	1,188,100.00	980,400.00
ELECTRONIC & COMM.ENGG. DEPT	950,000.00	753,000.00	467,000.00	1,220,000.00	1,050,000.00
ENGLISH LANG LAB	230,000.00	-	-	-	237,000.00
ME PG COURSE	1,100,000.00	635,000.00	635,000.00	1,270,000.00	-
MECH.& PRODN.ENGG.DEPT	400,000.00	32,500.00	-	32,500.00	1,008,400.00
PHYSICS LAB	120,000.00	-	49,000.00	49,000.00	180,000.00
INFORMATION TECHNOLOGY	550,000.00	402,000.00	-	402,000.00	200,000.00
COMPUTERS	1500000.00	1500000.00	-	1,500,000.00	-
COMPUTERS SOFTWARES	1000000.00	1000000.00	-	1,000,000.00	400,000.00
<b>SUB- TOTAL</b>	<b>7,625,000.00</b>	<b>4,993,050.00</b>	<b>1,914,150.00</b>	<b>6,907,200.00</b>	<b>5,464,800.00</b>
CIVIL WORKS	150,000.00	68,000.00	-	68,000.00	100,000.00
FURNITURE & FIXTURE	700,000.00	624,000.00	-	624,000.00	700,000.00
GAMES & SPORTS	110,000.00	-	-	-	100,000.00
LIBRARY BOOKS	900,000.00	722,960.00	45,760.00	768,720.00	1,200,000.00
OFFICE EQUIPMENT	600,000.00	489,000.00	100,000.00	589,000.00	100,000.00
PLACEMENT CELL	100,000.00	-	-	-	200,000.00
UPGRADING OF COMPUTERS P3 TO P4	-	-	-	-	500,000.00
<b>SUB- TOTAL</b>	<b>2,560,000.00</b>	<b>1,903,960.00</b>	<b>145,760.00</b>	<b>2,049,720.00</b>	<b>2,900,000.00</b>
<b>GRAND TOTAL</b>	<b>10,185,000.00</b>	<b>6,897,010.00</b>	<b>2,059,910.00</b>	<b>8,956,920.00</b>	<b>8,364,800.00</b>

Syed Bahadur  
PRINCIPAL  
Muffakham Jah College of  
Engineering & Technology  
Road No. 1, Banjara Hills,  
HYDERABAD-500 034, (A.P.)

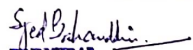
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(SULTAN UL ULOOM EDUCATION SOCIETY)

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COMPUTERS SOFTWARES	1000000.00	1000000.00	-	1,000,000.00	400,000.00
<b>SUB- TOTAL</b>	<b>7,625,000.00</b>	<b>4,993,050.00</b>	<b>1,914,150.00</b>	<b>6,907,200.00</b>	<b>5,464,800.00</b>
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FURNITURE & FIXTURE	700,000.00	624,000.00	-	624,000.00	700,000.00
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GROUP MEDICAL INSURANCE	650,000	632,000	-	632,000	700,000
HOUSE KEEPING	-	-	-	-	550,000
INTERNET LEASE LINE FOR COLLEGE	700,000	325,000	70,000	395,000	800,000
ISO 9001 CERTIFICATION	50,000	2,800	-	2,800	-
LIBRARY CONTINGENCIES	25,000	16,360	-	16,360	25,000
MAINTENANCE OF BUILDING	4,200,000	4,200,000	-	4,200,000	6,240,000
MANAGEMENT CONTRIBUTION TO EPF	3,000,000	1,982,000	180,000	2,162,000	2,500,000
MISCELLANEOUS EXPENSES	75,000	70,000	5,000	75,000	100,000
NEWSPAPER & PERIODICALS	1,400,000	617,880	16,360	634,240	900,000
OSMANIA UNIVERSITY PAYMENTS	3,000,000	2,973,000	-	2,973,000	3,500,000
PLACEMENT CELL	50,000	48,000	-	48,000	60,000
POST & TELEGRAPHS CHARGES	75,000	46,500	5,000	51,500	75,000
PRINTING & STATIONERY	600,000	308,000	-	308,000	500,000
REFUND OF CAUTION DEPOSIT	1,642,500	1,119,000	-	1,119,000	1,595,000
REP & MAINT. OFFICE EQUIP.& AMC	570,000	359,000	-	359,000	500,000
REPAIRS & MAINT.GENERAL	150,000	113,000	-	113,000	150,000
RESEARCH WORK	100,000	11,000	-	11,000	100,000
SEMINARS & SITTING FEES	200,000	75,500	-	75,500	100,000
STUDENT WELFARE & COLLEGE DAY	400,000	288,000	-	288,000	400,000
WATER CHARGES	300,000	196,000	21,000	217,000	225,000
<b>SUB-TOTAL</b>	<b>20,225,900</b>	<b>15,575,640</b>	<b>328,060</b>	<b>15,903,700</b>	<b>22,647,000</b>
	-	-	-	-	-
<b>GRAND TOTOAL</b>	<b>79,689,900</b>	<b>70,936,640</b>	<b>352,860</b>	<b>71,289,500</b>	<b>90,849,100</b>

  
**PRINCIPAL**  
**Muffakham Jah College of**  
**Engineering & Technology**  
 Road No: 3, Banjara Hills,  
 HYDERABAD-500 034, (A.P.)



MUFFAKHAM JAH  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
(SULTAN-UL-ULOOM EDUCATION SOCIETY)

ACCOUNTS SECTION


DATE:7-08-2019

NOTE

All Heads of Departments / Sections are hereby informed that the Budget Allocation Copy for the Financial Year 2019-2020 is enclosed herewith.

Kindly acknowledge it.

  
ADVISOR-CUM-DIRECTOR

- 
- Copy to 1) Dean, Academic, MJCET  
2) Dean, Administration, MJCET  
3) Registrar, MJCET  
4) All Heads of Departments / Sections.

73

Budget file

BUDGET HEAD	Civil Engineering	Computer Science and Engineering	Electronic and Communication Engineering	Electrical Engineering	Information Technology	Mechanical Engineering	Physics	Chemistry	Mathematics	English	Library	Placement Cell	Institutional Level	Total Amount
RECURRING														
Laboratory Consumables	110000	50000	140000	130000	40000	700000	30000	400000						1600000
Library Journals											2000000			2000000
Part-Time Renumeration	90000	90000	90000	90000	90000	150000							400000	1000000
Repairs & Maint. of Lab Equipment / LCD Projector	60000	60000	60000	60000	30000	450000	10000	45000					225000	1000000
5 Depart. Workshops/ Conference	1075000	75000	75000	75000	75000	75000	75000						1525000	
6 Faculty Development													600000	600000
7 Seminars / Sitting Fee/Guest Lecture													300000	300000
8 Office Equipment Consumables													500000	500000
9 AMC of Computers													1000000	1000000
AMC of AC's													200000	200000
12 Maint. of UPS													300000	300000
13 Rep. & Maint. & AMC of Off.Equip.													150000	150000
14 Student Technical Activities													1500000	1500000
15 R & D Cell													1500000	1500000
16 Internet Leased Line													750000	750000
17 Microsoft Campus licensing													1000000	1000000
18 Website Renewal													75000	75000
19 IEEE Staff Membership													10000	10000
20 Placement Training / Internship / Enterprenurship / Startups													3000000	3000000

  
**ADVISOR-CUM-DIRECTOR**  
**NUJET**

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT WISE BUDGET ALLOCATION FOR THE FINANCIAL YEAR 2019-2020

BUDGET HEAD	DEPARTMENT / SECTIONS												Total Amount	
	Civil Engineering	Computer Science and Engineering	Electronic and Communication Engineering	Electrical Engineering	Information Technology	Mechanical Engineering	Physics	Chemistry	Mathematics	English	Library	Placement Cell		Institutional Level
NON-RECURRING														
Laboratory Equipment	500000	400000	468000	500000		1188000								3056000
Library Books											1000000			1000000
Furniture and Fixtures(Labs)													1200000	1200000
Civil Minor Repairs													3500000	3500000
Office Equipment													200000	200000
Computers & Accessories													3200000	3200000
Software			388000	450000		762000								1600000
NetWorking Equipments													300000	300000
Net Working Cables													700000	700000
Fire Equipment													200000	200000
Development of New Website													500000	500000
Modernisation of classrooms													1500000	1500000
UPS													900000	900000
Microsoft Software(GGS)													500000	500000
LCD Projectors													300000	300000
Installation of New CCTV/ Camaras													200000	200000
New A/C's													300000	300000
AICTE / NBA Accreditation													1500000	1500000

*[Signature]*  
ADVISOR CUM DIRECTOR  
MJCET

*[Signature]*  
19/11/19

## R&D Cell funded projects (2018-19)

This year, 19 project proposals were submitted from various departments seeking R & D funding. Out of which, **14 (Fourteen)** projects were approved for funding after review.

The following is the list of sanctioned projects:

### **1) Title of the project: Wall Climbing Robot for Surveillance with AI technology (WCRAI) (ITD)**

Project team: 1. Zohra Fatima (1604-16-737-062)  
2. Qudsia Tahniyath (1604-16-737-074)  
3. Shaik Hafizunnisa (1604-16-737-076)  
4. Fouzan Khan (1604-16-737-096)  
5. Mohammed Naser Sagri (1604-16-737-103)

**Project guides:** (i) Dr. Mousmi Ajay Chaurasia, Prof, ITD and (ii) Mr. Shaik Rasool, Asst. Prof., ITD  
Sanctioned amount: Rs.31,050/-

### **2) Title of the project: Trebax Chess Board (ITD)**

Project team: 1. Ibrahim Mohammed Sakawath Ali (1604-16-738-003)  
2. M. Mujtaba Khan (1604-16-737-028)  
3. Abdul Rahman Malik (1604-16-737-034)  
4. Anshul Bhatia (1604-16-737-042)

**Project guides:** (i) Dr. Devasish Pal, Prof, ITD and (ii) Mr. M.A. Rasheed, Asst. Prof., ITD  
Sanctioned amount: Rs.23,700/-

### **3) Title of the project: The Next Generation Band (ITD)**

Project team: 1. Renish Sundrani (1604-16-737-047)  
2. Shahid Dhamani (1604-16-736-064)  
3. Kiran Lakhani (1604-17-737-002)  
4. Syed Absaar Ul Haq (1604-16-736-109)

**Project guides:** (i) Dr. Mousmi Ajay Chaurasia, Prof., ITD (ii) Mr. Shaik Rasool, Asst. Prof., ITD and (iii) Dr. Ishrat Meera Mirzana, Prof., MED  
Sanctioned amount: Rs. 37,000/-

### **4) Title of the project: Six Legged ROV (MED)**

Project team: 1. P. Mohd. Ikramullah (1604-15-736-076)  
2. Md. Faseehuddin (1604-15-736-069)  
3. Amayna Mohammadi Sajida (1604-16-739-003)  
4. Meraj Saleem (1604-16-739-011)

**Project guide:** (i) Dr. Ishrat Meera Mirzana, Prof., MED  
Sanctioned amount: Rs.1,19,000/-

### **5) Title of the project: Wanderway- An improved Segway (MED)**

Project team: 1. Syed Muzzamil Uddin Qureshi (1604-16-736-028)  
2. Md. Idrees Hussain (1604-16-736-036)  
3. Md. Wael (1604-16-735-114)  
4. Syed Taha (1604-16-735-112)  
5. Absar Ul Haq (1604-16-736-109)  
6. Abdullah (1604-16-736-103)  
7. M. Mujtaba Khan(1604-160737-028)

**Project guides:** (i) Mrs. O. Hemalatha, Asst. Prof., MED and (ii) Mrs. B. Sucharitha, Asst. Prof., ECED  
Sanctioned amount: Rs.88,000/-

**6) Title of the project: Synthesis and Characterization of Nano Magnetorheological fluids for engineering applications (MED)**

Project team: 1. Syed Imaduddin Ahmed (1604-16-736-020)  
2. Murtuza Khat (1604-16-736-007)  
3. Syed Murtuza Quadri (1604-16-736-042)

**Project guides:** (i) Mrs. G. Sailaja, Asst. Prof., MED and (ii) Dr. M.G.V. Satyanarayana, Asst. Prof, Chemistry  
Sanctioned amount: Rs.50,000/-

**7) Title of the project: Laser Engraver (MED)**

Project team: 1. R. Sai Aakash Reddy (1604-16-738-008)  
2. Abdul Sohail (1604-16-738-004)  
3. Altaf Hussain (1604-16-738-030)  
4. Nihal (1604-16-737-120)  
5. Hadi Ali Farooqui (1604-16-737-056)  
6. Mohammed Faisal (1604-16-735-079)  
7. Varha Khan (1604-16-733-011)  
8. Md. Rehan Hussain Khan (1604-17-735-053)  
9. Md. Moin Khan (1604-17-735-111)

**Project guides:** (i) Dr. Mohd. Viqar Mohiuddin (Prof., MED) and Ms. Maliha Naaz (Asst. Prof., ECED)  
Sanctioned amount: Rs 97,000/-

**8) Title of the project: Flexible Manufacturing System (MED)**

Project team: 1. Zohaib Khan (1604-15-736-090)  
2. Mohd Moazzam Mustafa (1604-15-736-093)  
3. Mir Mohib Ali Quadri (1604-15-736-104)  
4. Mohd Faiz ur Rahman (1604-15-736-106)  
5. Mohammed Abdul Khaliq (1604-15-736-109)  
6. Talha Mohiuddin Rafeeq (1604-15-736-119)

**Project guide:** (i) Mr. Hakeemuddin Ahmed, Asso. Prof., MED  
Sanctioned amount: Rs. 85,491/-

**9) Title of the project: 3D Map Generating Autonomous Bot (MED)**

Project team: 1. Umair Asharaf (1604-15-736-070)  
2. Safoora Khan (1604-15-737-010)  
3. Tabassum Sultana (1604-16-733-018)  
4. Hadi Ali Farooqui (1604-16-737-056)  
5. Rahila (1604-16-736-002)  
6. Ayesha Manzoor (1604-16-737-003)  
7. Syed Muzammil (1604-16-736-028)

**Project guides:** (i) Dr. Ishrat Meera Mirzana, Prof., MED and (ii) Mrs. Munavvara Tahaseen, Asst. Prof., ITD  
Sanctioned amount: Rs.75,000 /-

**10) Title of the project: Humanoid Robot – Phase 3 (ECED)**

Project team: 1. Mogal Abdul Sameer Baig (1604-15-735-112)  
2. Mulla Mohd Sufiyan (1604-16-735-307)  
3. Ifrahur Rahman (1604-16-735-034)  
4. Masarath Fathima (1604-16-735-063)  
5. Bushra Fatima (1604-16-735-072)  
6. Mohammed Faisal (1604-16-735-079)  
7. Ayesha Sultana (1604-16-735-068)  
8. Nousheen Begum (1604-16-737-020)  
9. Afshan Fathima (1604-16-737-011)  
10. Mohd. Fazeel Ahmed (1604-16-736-069)  
11. Qutub Ahmed (1604-16-738-014)

12. Mohd. Ghouse Mohiuddin (1604-17-735-096)
13. Syed Wajahat Ali (1604-17-735-104)

**Project guides:** (i) Dr. Mohammed Arifuddin Sohel (Prof., ECED) and (ii) Mr. J.K. Nag (Asso. Prof., ECED)  
Sanctioned amount: Rs.1,00,000 /-

**11) Title of the project: GIMMIC- A Semi-Humanoid Face Recognition Robot (ECED)**

Project team: 1. Mogal Abdul Sameer Baig (1604-15-735-112)  
2. Sameena Begum (1604-15-735-065)  
3. Nazia Fatima(1604-15-735-070)  
4. Mohammed Abdul Nayeem (1604-15-736-115)  
5. Mohammed Sohail Khan (1604-15-736-110)  
6. Mohammed Saad Khan (1604-15-733-105)  
7. Syed Imad Ul Hasan (1604-15-733-035)  
8. Suhaib Nizar Ahmed (1604-16-736-037)  
9. Abdul Sohail (1604-16-738-004)  
10. Abdul Haseeb (1604-16-738-016)  
11. Tabassum Sultana (1604-16-733-018)  
12. Juveria Khatoon (1604-16-733-062)  
13. Hadi Ali Farooqui (1604-16-737-056)  
14. Aneequr Rahman (1604-17735-024)  
15. Mohd Mudassir Ahmed (1604-16-737-049)  
16. Mohd Safwan Hussain (1604-17-735-023)  
17. Mohammed Azeemuddin (1604-16-737-032)

**Project guides:** (i) Dr. Mohammed Arifuddin Sohel (Prof., ECED), (ii) Mrs. B. Sucharitha (Asst. Prof., ECED) and Mr. Shaik Irfan Sadaq (Asst. Prof., MED)  
Sanctioned amount: Rs.1,00,000 /-

**12) Title of the project: IoT based vehicle parking system with cloud computing (EEED)**

Project team: 1. Altaf Hussain Qadar (1604-15-739-050)  
2. Affan Kareem (1604-15-739-048)  
3. Wasi Uddin (1604-15-739-041)

**Project guide:** (i) Mrs. Narjis Begum, Asst. Prof., EEED  
Sanctioned amount: Rs.20,000 /-

**13) Title of the project: I. Experimental Study of Effect of Fiber Density on Shear strength of RC Beams with externally bonded FRP Wraps (CED)**

**II. Experimental Study on effect of Fiber density on Flexural Performance of RC Beams with externally bonded FRP Wraps (CED)**

Project team: I. 1. Mohammed Rehan Ali (1604-17-741-002)  
II. 1. Mohammed Nadeem Uddin (1604-17-741-013)

**Project guide:** : I. (i) Mr. Toufeeque Anwar., Asso. Prof., CED and II. (i) Mr. Syed Jawwad Ahmed, Asst. Prof, CED.  
Sanctioned amount: Rs.1,00,000 /-

**14) Title of the project: Biodiesel Extraction- Phase 5- Automation of Biodiesel Pilot Plant using Continuous flow process (Chemistry Dept.)**

Project team: 1. Tauseef Unnisa (1604-17-738-001)  
2. Md. Rizwan Ahmed (1604-17-738-032)

**Project guide:** (i) Dr. M. G.V.Satyanarayana, Asst. Prof., Chemistry (ii) Mr. K. Mohammed Rafi, Asst. Prof., EEED and (iii) Dr. Ishrat Meera Mirzana, Prof., MED  
Sanctioned amount: Rs.45,000 /-

## R&D Cell funded projects (2017-18)

This year, 26 project proposals were submitted from various departments seeking R & D funding. Out of which, **11 (Eleven)** projects were approved for funding after review.

The following is the list of sanctioned projects:

### 1) Title of the project: Pneumatic Quadruped Robot (MED)

Project team: 1. M. A. Muqeeth (1604-14-736-102)  
2. Syed Ausaf Qureshi (1604-14-736-069)  
3. M. A. Muqeeth Jibrán (1604-14-736-061)  
4. M. Abdul Aziz Siddiqui (1604-14-735-077)  
5. Mohd Faisal (1604-14-735-080)

**Project guides:** (i) Dr. Ishrat Meera Mirzana, Asso. Prof., MED and (ii) Dr. Kaleem Fatima, Prof., ECED  
Sanctioned amount: Rs.79,966/-

### 2) Title of the project: IoT based Smart 3D Printer (ECED, EED & MED)

Project team: 1. Arshad Ahmed (1604-14-735-085)  
2. Mohd Farhan Ahmed Khaled (1604-14-735-089)  
3. Zia ur Rahman (1604-14-735-087)  
4. Samiya Iftakar (1604-14-734-002)  
5. Mohammad Abrar Ahmed (1604-14-734-003)  
6. Mohammad Ghouse Moinuddin (1604-14-734-305)  
7. P Mohammad Ikramullah (1604-14-736-076)  
8. Mohammad Abdul Nayeem (1604-14-736-115)

**Project guides:** (i) Dr. Arifuddin Sohel, Head & Prof., ECED, (ii) Mrs. Aijaz Fatima, Asso. Prof., EED and  
(iii) Dr. Viquar Mohiuddin, Asso. Prof., MED.

Sanctioned amount: Rs.32,380/-

### 3) Title of the project: Humanoid Robot- Phase 2 (ECED & MED)

Project team: 1. Shwana (1604-14-735-014)  
2. Mohd Saber (1604-14-735-018)  
3. Qudsia Masood (1604-14-735-040)  
4. Naheed Fatima (1604-14-735-062)  
5. Zeshan Adbul Majeed Azmi (1604-14-735-082)  
6. Syed Abrar (1604-14-735-117)  
7. Atif Furqan (1604-14-736-080)  
8. Mohd. Abdul Khaliq (1604-14-736-078)

**Project guides:** (i) Dr. Arifuddin Sohel, Head & Prof., ECED, (ii) Mr. J. K. Nag, Asso. Prof., ECED and  
(iii) Mr. Hakeemuddin Ahmed, Asso. Prof., MED

Sanctioned amount: Rs.75,828/-

### 4) Title of the project: Security Patrolling Autonomous Robot (ECED)

Project team: 1. Mohammed Nabeel Idrees (1604-15-735-013)  
2. Sarim Mohammed Fawaz (1604-15-735-055)  
3. Sk. Najmah (1604-15-735-001)

**Project guides:** (i) Mrs. Salma Fauzia, Asst. Prof., ECED and (ii) Ms. Maliha Naaz, Asst. Prof., ECED  
Sanctioned amount: Rs.54,205/-

### 5) Title of the project: Automated Navigation System with Indoor Assistance for the Blind (ANISAB) (ITD)

Project team: 1. Saba Ahmed Jalal (1604-15-737-001)  
2. Mogal Hidayathulla Baig (1604-15-737-043)  
3. Abdul Aziz (1604-15-737-117)  
4. Mohd Mudabbir Ahmed (1604-15-737-109)  
5. Sameera Begum (1604-15-737-002)

**Project guides:** (i) Dr. Mousmi Ajay Chaurasia, Head & Prof., ITD and (ii) Mr. Shaik Rasool, ITD

Sanctioned amount: Rs. 45,350/-

**6) Title of the project: ISMART- Automated Classroom using IoT an initiative towards Thing Speak (CSED)**

Project team: 1. Mohasin Ahamed Chinnapattan (1604-14-733-094)  
2. Mohd Abdul Mubeen (1604-17-742-010)  
3. Ayesha Nazneen Ahmed (1604-15-733-007)  
4. Mohd Hussam Ali (1604-17-742-018)

**Project guide:** (i) Dr. Uma Dulhare. Prof., CSED

Sanctioned amount: Rs.45,880/-

**7) Title of the project: Analysis of Air Pollution using a Quadcopter (EIED)**

Project team: 1. Syed Mansoor (1604-15-739-017)  
2. Mohammad Naqui (1604-15-739-053)  
3. Shaik Wasim Akram (1604-15-739-045)

**Project guides:** (i) Mrs. P. Bharathi, Asst. Prof., EIED and (ii) Dr. Satyanarayana M. G.V, Asst. Prof., Chemistry Dept.

Sanctioned amount: Rs 48,800/-

**8) Title of the project: Fabrication of oxide nanoparticles for gas sensor applications (ECED & Physics Dept.)**

Project team: 1. Abdul Majeid (1604-14-735-017)  
2. Syed Arif (1604-14-735-301)  
3. Syed Imaduddin Ahmed (1604-16-736-020)

**Project guides:** (i) Dr. Shaik Kareem Ahmmad, Physics Dept., and (ii) Mr. Mohd. Abdul Raheem, Asst. Prof., ECED

Sanctioned amount: Rs.30, 500 /-

**9) Title of the project: Effect of Nano particles in thermal and mechanical properties of ordinary Portland cement (CED & Physics Dept.)**

Project team: 1. Syed Taquiuddin Ahmed (1604-15-732-081)  
2. Md Hashim (1604-15-732-082)  
3. Shaik Mohd Salman (1604-15-732-061)

**Project guides:** (i) Dr. Shaik Kareem Ahmmad, Physics Dept., and (ii) Dr. Mohd. Hamraj, Head & Prof., CED

Sanctioned amount: Rs.22,000 /-

**10) Title of the project: Fabrication of electronic kit using spectrophotometric method to detect contaminants in Oils such as olive oil and vegetable oil (Physics Dept.)**

Project team: 1. Nameera Jabeen (1604-16-733-012)  
2. Syed Imaduddin Ahmed (1604-16-733-020)

**Project guide:** (i) Dr. Shaik Kareem Ahmmad, Physics Dept.

Sanctioned amount: Rs. 13,000/-

**11) Title of the project: Smart Energy Auditing and validation of in-use state and stand-by state power**



**consumption in EED, MJCET to optimize power consumption and suggest cost-effective and safety measures (EED)**

Project team: 1. Tauseef (1604-15-739-014)  
2. Nauman (1604-15-739-015)  
3. Shaik Md Mansoor (1604-15-734-037)  
4. Sathira ummul khair (1604-15-734-005)  
5. Md. Nazim Sharief (1604-15-734-036)

**Project guides:** (i) Dr. J. Namratha Manohar, Prof., EED, (ii) Dr. Mahaboob Shaik, Asst. Prof., EED, (iii) Mr. Arshad Mohammed, Asst. Prof., EED and (iv) Mr. Vittal, Asso. Prof., EED

Sanctioned amount: Rs.38,970 /-

## R&D Cell funded projects (2016-17)

This year, 22 project proposals were submitted from various departments seeking R & D funding. Out of which, **15 (Fifteen)** projects were approved for funding after review.

The following is the list of sanctioned projects:

### **1) Title of the project: Quadcopter for navigation, imaging and surveillance (ECED)**

Project team: 1. Mohammad Kashif Moiz (1604-13-735-019)  
2. Syed Abdul Hannan (1604-13-735-038)  
3. G. Vineeth (1604-13-735-047)  
4. Mohammed Arshad Uddin (1604-13-735-079)

**Project guide:** (i) Dr. Kaleem Fatima, Prof., ECED

Sanctioned amount: Rs.37,709/-

### **2) Title of the project: Smart Mattress (ECED)**

Project team : 1. Mahrukh Hasan (1604-13-735-012)  
2. Syeda Nemath Unnisa (1604-13-735-014)  
3. Sumaiyya Rahman (1604-13-735-062)

**Project guide :** Dr. Arifuddin Sohel, Professor, ECED

Sanctioned amount: Rs.24,502/-

### **3) Title of the project: Voice controlled Prosthetic Arm for Physically disabled (ECED)**

Project team: 1. Md. Khaja Ilias Pasha (1604-14-735-119)  
2. Arhsad Ahmed (1604-14-735-085)  
3. Ahmed Abdul Hafeez (1604-14-735-086)  
4. Arifa Sultana (1604-14-735-061)  
5. Naheed Fatima (1604-14-735-062)  
6. Tayyaba Farha (1604-14-735-068)

**Project guide:** (i) Mrs. Salma Fauzia, Asst. Prof., ECED and (ii) Ms. Maliha Naaz, Asst. Prof., ECED

Sanctioned amount: Rs.31,500/-

### **4) Title of the project: Design, fabrication and testing of aeration systems (CED)**

Project team: 1. Mohammed Irfan (1604-13-732-007)  
2. S. Md. Imaad Khadri (1604-13-732-009)  
3. Mohd. Moinuddin (1604-13-732-013)  
4. Mohammed Sujathullah (1604-13-732-034)  
5. Shahid Malik (1604-13-732-036)  
6. Shaik Imran Pasha (1604-13-732-040)

**Project guide:** (i) Mr. D. Ram Mohan Rao, Asso. Prof., CED

Sanctioned amount: Rs.58,000/-

### **5) Title of the project: Minimizing Power consumption in Image recognition by deep learning (CSED)**

Project team: 1. Tabassum Sultana (1604-18-742-015)

**Project guide:** (i) Dr. N. Uma Dulhare, Prof., CSED

Sanctioned amount: Rs. 18,319/-

**6) Title of the project: Collision detection and prevention (CSED)**

Project team: 1. Syed Zafer Ali (1604-13-733-034)  
2. Panayala Chetan (1604-13-733-035)  
3. Akhter Rasool (1604-13-733-051)

**Project guide:** (i) Mrs. Fahmina Taranum, Asso. Prof., CSED  
Sanctioned amount: Rs.13,000/-

**7) Title of the project: Design and Implementation of Humanoid with 20 degrees of freedom (ECED & MED)**

Project team: 1. Amena Najeeb (1604-13-735-005)  
2. Syed Kashif (1604-13-735-028)  
3. Md. Yousuf Ahmed (1604-13-735-039)  
4. Syed Jawwad Mohiuddin (1604-13-735-113)  
5. Shaik Mohammed Simraan (1604-13-735-115)  
6. Syed Qurram Zeeshan (1604-13-736-072)  
7. Mohammed Abdul Mubeen (1604-13-736-111)

**Project guide:** (i) Mr.J. K. Nag, Asso. Prof., ECED and (ii) Mr. Dhanraj Pamar, Asst. Prof., MED  
Sanctioned amount: Rs 49,450/-

**8) Title of the project: IOT based Sustainable Plant Habitat and Smart Farming (ECED & ITD)**

Project team: 1. Mohd Asif (1604-13-737-034)  
2. Mohammed Haseebullah Qureshi (1604-13-737-045)  
3. Abdul Azeem (1604-13-737-046)  
4. Mohammed Azeeth (1604-14-735-023)  
5. Mohd. Farooq (1604-14-735-027)  
6. Rafi Imran (1604-14-735-018)

**Project guide:** (i) Dr. Arifuddin Sohel, Prof., ECED and (ii) Dr. Uma Dulhare. Prof., CSED  
Sanctioned amount: Rs.49,790 /-

**9) Title of the project: SEGWAY: A self balancing vehicle (ECED & ITD)**

Project team: 1. Md. Abdul Aziz Siqqiqui (1604-14-735-077)  
2. Md. Ammar Iqbal Khan (1604-14-736-003)  
3. Md. Abdul Moyeed (1604-14-735-088)  
4. Md Shujauddin Faaras (1604-14-736-047)  
5. Syed Abdul Mannan (1604-14-736-002)

**Project guide:** (i) Mrs. B. Sucharitra, Asst. Prof., ECED and (ii) Mrs. O. Hemalatha, Asst. Prof., MED  
Sanctioned amount: Rs.47,000 /-

**10) Title of the project: Smart Power saving kit for class and staffrooms (EED)**

Project team: 1. Amreen Begum (1604-13-734-005)  
2. Asfia Aleem (1604-13-734-001)  
3. Mohammed Abrar Ahmed (1604-13-734-303)  
4. Samiya Iftekar (1604-14-734-002)

**Project guide:** (i) Dr. Shaik A. Qadeer, Prof., EED  
Sanctioned amount: Rs. 11,300/-

**11) Title of the project: Low cost data acquisition system for lab view (EED)**

Project team: 1. Shayeesta Sultana (1604-13-739-007)  
2. Uzma Alam (1604-13-739-004)

3. Humera Naaz (1604-13-739-007)

**Project guide:** (i) Dr. Shaik A. Qadeer, Prof., EED

Sanctioned amount: Rs.6,000 /-

**12) Title of the project: Multipurpose E-CART (MED)**

Project team: 1. Shaik Rauhon Ahmed (1604-13-736-065)  
2. Syed Shahbaz Peeran Qadri (1604-15-736-001)  
3. Mohammed Rehan Uddin (1604-15-736-002)  
4. Syed Muzammil shah (1604-15-736-005)  
5. Mohammed Ahmed Khan (1604-15-736-012)  
6. Mohammed Salman Khan (1604-15-736-018)  
7. Mohammed Salman (1604-15-736-303)

**Project guide:** (i) Dr. A. S. Reddy, Prof., MED

Sanctioned amount: Rs.42,000 /-

**13) Title of the project: Design and fabrication of a robotic arm controlled by Hand Gesture Movements (MED)**

Project team: 1. Mohammed Adil Mohiuddin (1604-13-736-007)  
2. Mohammed Zain Mohiuddin (1604-13-736-010)  
3. Mohd Abdul Taleb (1604-13-736-021)

**Project guide:** (i) Mrs. Ishrat Meera Mirzana, Asso. Prof., MED

Sanctioned amount: Rs.26,500 /-

**14) Title of the project: Smart attendance monitoring system for college using wireless sensor network (ECED)**

Project team: 1. B. Shafat Mohammed (1604-13-735-045)  
2. Mohd. Ehteshamuddin (1604-13-735-046)  
3. Syed Abdul Wahab (1604-13-735-055)

**Project guide:** (i) Mrs. Salma Fauzia, Asst. Prof., ECED and (ii) Ms. Maliha Naaz, Asst. Prof., ECED

Sanctioned amount: Rs.27,500/-

**15) Title of the project: Effectiveness of the Turbo Air Ventilator (MED)**

Project team: 1. Furqhan Abdul Khader (1604-15-736-035)  
2. Shaik Ahmed Arfaz Ali (1604-15-736-026)  
3. Salman Ahmed (1604-15-736-112)  
4. Mohammed Sulaiman (1604-15-736-006)

**Project guide:** (i) Mrs. N. B. V. Lakshmi Kumari, Asst. Prof., MED and (ii) Dr. A. S. Reddy, Prof., MED

Sanctioned amount: Rs.33,000 /-

## R&D Cell funded and completed projects (2015-16)

This year, 21 project proposals were submitted from various departments seeking R & D funding. Out of which, eight projects were approved for funding after review.

The following is the list of sanctioned projects:

### 1) Title of the project: Production of low temperatures using Peltier effect

Project team: 1. Md. Aslam Sohail (1604-12-736-023) 2.Md. Abdul Hafeez (1604-12-736-028) 3. Md. Hammad (1604-12-736-038) 4. Md. Firasat Ali Zahed (1604-13-736-040)

**Project guide:** Dr. M. Sowjanya, Asst. Prof., MED

Sanctioned amount: Rs.40,000/-



Fig.1 Experimental set-up with (a) Electrical circuit connections (b) transformer, modules, heat-sink and container connections

### 2) Title of the project: I. Solar powered Auto rickshaw (MED)

#### II. Design optimization and development of Solar Motorcycle

Project team I: 1. Shaik Rauhon Ahmed (1604-13-736-065) 2. Syed Qurram Zeeshan (1604-13-736-072) 3. Mohd. Ibrahim Ali (1604-13-736-078)

**Project guide I:** Prof. A. S. Reddy, Professor, MED





Solar powered auto rickshaw

Project team II: 1. Syed Fareeduddin (1604-12-736-019) 2. Shaik Shafisuhail (1604-12-736-025) 3. Mohammed Khizar ahmed (1604-12-736-039)

**Project guide II:** Mrs. O. Hemalatha, Asst. Prof., MED

Sanctioned amount: Rs.60,000/-

**3) Title of the project: Experimental Investigation of dynamic behaviour of structure using magneto-rheological fluid dampers**

Project team: 1. Shuaib ur Rahman (1604-12-736-086) 2. Shaik Azeem (1604-12-736-088) 3. Krishna Chaitnaya (1604-12-736-081) 4. Deepak Reddy (1604-12-736-108)

**Project guide:** Mrs. G. Sailaja, Asst.Prof., MED

Sanctioned amount: Rs.50,000/-



Experimental Investigation of Dynamic Behaviour of a structure using Magneto rheological dampers

**4) Title of the project: Influence of degassing effect on quality of Aluminium alloy castings**

Project team: 1. Md. Abdul Rahim Siddiqui (1604-13-736-004) 2. Nabeel Akber (1604-13-736-006) 3. Moin Afzal(1604-13-736-007) 4. Md. Saaduddin (1604-13-736-010)

**Project guide:** Mr. Viqar Mohiuddin, Assoc. Prof., MED

Sanctioned amount: Rs.38,575/-

**5) Title of the project: Biodiesel Extraction – Phase 4**

Project team: 1. Shaik Rauhon Ahmed (1604-13-736-065), Mohd. Misbahuddin Juniad (1604-13-736-098)

**Project guide:** Dr. M.G. V. Satyanarayana, Asst. Prof., Department of Chemistry

Sanctioned amount: Rs35,000/-

**6) Title of the project: Automated Guided Vehicle**

Project team: 1. Syed Fareeduddin (1604-12-736-019) 2. Mohd. Mukram (1604-12-736-048) 3. Qamar Pasha(1604-12-736-010) 4. Mohammed Imaduddin Siddique(1604-13-736-068) 5. Shaik Shafi suhail (1604-12-736-025) 6. Humair Ahmed (1604-12-735-022) 7. Samreen Sultana(1604-13-735-007) 8. Ghazala Anjum (1604-13-735-001) 9. Mohammed Haseeb (1604-13-739-029) 10. G. Vineeth (1604-13-735-047)

**Project guides:** Mr. Mohammed Arifuddin Sohel, Assoc. Prof., ECED 2. Mr. Ferhatullah Hussainy, Dean (Administration), MJCET

Sanctioned amount: Rs.30,440/-



Automated Guided Vehicle

**7) Title of the project: Design, Analysis and Development of prototype 30 KVAR STATCOM**

**Project team and Project guides:** 1. Mr. J. V. R. Vithal, Assoc. Prof., EED 2. Mr. K. Mohammed Rafi, Asst. Prof., EED

Sanctioned amount: Rs. 3,92,000/-

**8) Title of the project: Smart Street Lighting**

Project team: 1. Narne Namratha Chowdary(1604-12-734-004) 2.Nimrah Sultana(1604-12-734-005) 3, Shazia Nikhath(1604-12-734-006)

**Project guide:** Mrs. Aijaz Fatima, Asso. Prof., EED

Sanctioned amount: Rs. 16,900/-

राष्ट्रीय प्रत्यायन मंडल (रा.प्र.मं.)  
**NATIONAL BOARD OF ACCREDITATION (NBA)**

(constituted under clause 10 (u) of AICTE Act, 1987)

Prof I.K. Bhat  
 Member Secretary

प्रो. इन्द्र कृष्ण भट्ट  
 सदस्य सचिव

F. No. NBA/24 BRD-ATR/2002  
 Dated - 06-05-2002

To  
 The Principal  
 M. Jah College of Engineering & Technology  
 8-2-249, Road No. 3, Banjara Hills  
 Hyderabad - 500 064  
 (AP)

Dear Sir,

**Sub : NBA Accreditation to your institutional programmes**

Subsequent to the NBA accreditation visit to your institution and the decision of the National Board of Accreditation in its meeting held on 24-04-2002, I am directed to convey the following accreditation grades :

S. No.	Name of Programme(s)	NBA Accreditation Grade	Period of validity w.e.f. 24-04-2002
1.	BE Civil Engg.	'B'	3 Yrs.
2.	BE Computer Sc. & Engg.	'B'	3 Yrs.
3.	BE Electronics & Comm. Engg.	'B'	5 Yrs.
4.	BE Mechanical Engg.	'B'	5 Yrs.
5.	BE Production Engg.	'B'	5 Yrs.

(Total number of programmes accredited vide this letter - five)

Strengths & Weaknesses of above programmes are being shortly sent separately for necessary action at your end.

**The Accreditation grades awarded to the degree programmes of your institution do not imply accreditation to the College/Institution as a whole.** Full name of the Degree Programme, Grade awarded and the period of validity of accreditation as well as the date from which the award is effective, should be quoted unambiguously whenever it is used.

*[Signature]*

Contd...2



The grade(s) awarded to the above programmes of your College/Institution are on the presumption that the Institute would maintain atleast the current standards in future. If there are any changes that would effectively alter the grade (such as, major changes in faculty availability or changes in the management structure, etc.) after the award of the accreditation grades, the same shall be communicated to the NBA with an appropriate explanatory note.

Yours sincerely,

*I. K. Bhat*  
(I. K. Bhat)

Prof. I. K. BHAT  
Member Secretary  
National Board of Accreditation  
A.I.C.T.E. Head Office  
I. G. Sports Complex,  
I. P. Estate, New D

- C.C. - (i) The Vice Chancellor, Osmania University, Hyderabad – 500 007, For information and needful please
- (ii) The Secretary, Education Deptt., A. P. Govt. Secretariat, Hyderabad – 500 028, For information and needful please.
- (iii) The Regional Officer, AICTE Southern Regional Office, Shastri Bhavan, 26, Haddows Road, Chennai – 600 006 For information and needful please.

*Received  
Syed Bahadur  
13/1/12*

(I. K. Bhat)

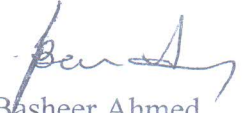
**MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY  
R & D CELL**

**List of R & D committee members**

S.No.	Name of the Committee Member	Email.Id	Mobile No.
1.	Dr. Basheer Ahmed (Advisor-cum-Director, MJCET), <i>Chairman</i>	drbasheer.ahmed@gmail.com	9849455423
2.	Dr. K. N.Krishnan (M.E- Chief Coordinator, MJCET), <i>Member</i>	knkns3@gmail.com	9985306549
3.	i) Dr. N.Seetharamaiah (I/c Principal, MJCET, Professor & Head, MED), <i>Convener</i> ii) Dr. Mrs. Ishrat Meera Mirzana (Professor, MED), <i>Co-ordinator</i>	i) sitaram@mjcollege.ac.in ii)ishratmirzana@mjcollege.ac.in	i) 9849402284 ii)9014876704
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7.	Dr. Md. Haseeb Khan (Professor & Head, EEED), <i>Member</i>	haseebkhaneed@mjcollege.ac.in	9849316285
8.	Dr. Mrs.Uma N.Dulhare (Professor, CSED), <i>Member</i>	uma.dulhare@mjcollege.ac.in	9603225511
9.	Dr. Mohd. Hamraj (Professor & Head, CED), <i>Member</i>	hamraj@mjcollege.ac.in	9290929482
10.	Dr. Mrs. Mousmi Ajay Chaurasia (Professor & Head, ITD), <i>Member</i>	mousmi.chaurasia@mjcollege.ac.in	9160146701
11.	Dr. Arifuddin Sohel (Professor & Head, ECED), <i>Member</i>	arif.sohel@mjcollege.ac.in	9885407094
12.	Dr. Mrs. Namratha Manohar (Professor, EEED), <i>Member</i>	j.namratha@mjcollege.ac.in	9948699507
13.	Dr. Abdul Majeed (Associate Professor, Head, Mathematics Dept.), <i>Member</i>	abdulmajeed.maths@mjcollege.ac.in	9297258266



Dr. N.Seetharamaiah  
I/c Principal, MJCET  
(Convener, R&D Committee)



Dr. Basheer Ahmed  
Advisor-cum-Director, MJCET  
(Chairman, R&D Committee)

O/C

c.c: AU HoD<sup>s</sup> / coordinators

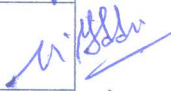



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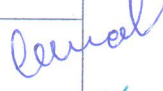
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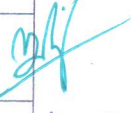
16/1/19



















**INTELLECTUAL  
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

क्रमांक : 044113145  
SL No :



भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 319528  
आवेदन सं. / Application No. : 5250/CHE/2014  
फाइल करने की तारीख / Date of Filing : 21/10/2014  
पेटेंटी / Patentee : MUFFAKHAM JAH COLLEGE OF ENGINEERING &  
TECHNOLOGY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SOLAR POWERED SPINNING WHEEL नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 21st day of October 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled SOLAR POWERED SPINNING WHEEL as disclosed in the above mentioned application for the term of 20 years from the 21st day of October 2014 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 30/08/2019  
Date of Grant :

पेटेंट नियंत्रक  
Controller of Patent

*OkSupte*

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 21st day of October 2016 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 21st day of October 2016 and on the same day in every year thereafter.



**INTELLECTUAL  
PROPERTY INDIA**

एकस्व/PATENTS|अभिकल्प/DESIGNS|  
व्यापार चिह्न/TRADE MARKS|भौगोलिक  
उपदर्शन/GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

**भारत सरकार  
GOVERNMENT OF INDIA**

एकस्व कार्यालय / THE PATENT OFFICE  
बौद्धिक सम्पदा भवन / I.P.O. BUILDING  
जी.एस.टी.रोड, गिंडी / G.S.T.Road, Guindy,  
चेन्नई / Chennai- 600032  
दूरभाष / Tel. No. : (091)(044)22502081-84  
फैक्स / Fax: 044 22502066

Email/ई मेल : [Chennai-patent@nic.in](mailto:Chennai-patent@nic.in)  
वेबसाइट / Website: <http://ipindia.nic.in>

सं. \ No. 5250/CHE/2014

दिनांक \ Dated the 30/08/2019

सेवा मे, \ To :

Address of Service:- Prometheus Patent Services Pvt. Ltd., H. No. # 6-3-200/A, Moparthy Towers, 1st Floor, Prem Nagar, Khairatabad, Hyderabad-500004, Telangana State, INDIA.

Email Id:- [naresh@prometheusip.com](mailto:naresh@prometheusip.com)

विषय :- पेटेंट आवेदन संख्या 5250/CHE/2014 के संबंध में अधिनियम की धारा 43 के तहत पेटेंट अनुदान तथा पेटेंट रजिस्टर में प्रविष्टि की सूचना

Sub :- Intimation of the grant and recordal of patent under section 43 of the Act in respect of patent application no. 5250/CHE/2014

महोदय/महोदया,

Sir/Madam,

आपको सूचित किया जाता है कि पेटेंट अधिनियम, 1970 की धारा 12 व 13 तथा उस आधार पर बने नियम के तहत उपर्युक्त पेटेंट आवेदन के परीक्षण [व ----- को हुई सुनवाई] के उपरांत एतद्वारा पेटेंट अनुदान किया जाता है। तथा पेटेंट अनुदान की प्रविष्टि 30/08/2019 को पेटेंट रजिस्टर में कर दी गयी है।

This is to Inform you that following the examination of above mentioned patent application under section 12 and 13 of The Patents Act, 1970 and Rules made thereunder [and hearing held on ----- ] a patent is hereby granted and recorded in the Register of Patents on the 30/08/2019. The Patent Certificate is enclosed herewith.

पेटेंट संख्या \ Patent No	: 319528
आवेदक का नाम \ Name Of Applicant	: MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
पेटेंट दिनांक \ Date of Patent	: 21/10/2014
पूर्विका तिथि \ Priority Date	: 21/10/2014
परीक्षण हेतु अनुरोध दाखिल करने की तिथि \ Filing date of Request for examination	: 21/10/2014
शीर्षक \ Title	: SOLAR POWERED SPINNING WHEEL
दावों की संख्या \ Number of claims	: claims 1-4 filed on 29/07/2019.

उपर्युक्त पेटेंट के अनुदान का प्रकाशन अधिनियम की धारा 43 के तहत पेटेंट कार्यालय के आधिकारिक जर्नल में किया जाएगा।

The grant of above mentioned patent will be published in the Official Journal of the patent Office under section 43 of the Act.

पेटेंट अधिनियम 1970 यथा संशोधित पेटेंट (संशोधन) नियम, 2005/ पेटेंट नियम, 2003 यथा संशोधित पेटेंट (संशोधन) नियम, 2016 की धारा 142 की उप-धारा (4) के प्रावधानों के तहत उपरोक्त प्रविष्टि की तिथि से 3 माह के भीतर इस कार्यालय में नवीकरण शुल्क जमा किया जाना चाहिए।

The payment of renewal fee is required to be made at this office within three(3) months from the aforesaid date of recording according to the proviso in sub-section(4) of Section 142 of The Patents Act,1970, as amended by The Patents (Amendment) Act, 2005 / The Patents Rules, 2003 as amended by The Patents (Amendment) Rules, 2016.

Dr. Lokesh Kumar Rajwanshi

(नियंत्रक पेटेंट)

Controller of Patents

टिप्पणी / Note :

1. संशोधित नवीकरण शुल्क हेतु कृपया महानियंत्रक पेटेंट, अभिकल्प एवं व्यापार चिह्न की आधिकारिक वेबसाइट [www.ipindia.gov.in](http://www.ipindia.gov.in) पर उपलब्ध पेटेंट (संशोधन) नियम 2016 की प्रथम अनुसूची (शुल्क) देखें।

For revised renewal fees kindly refer to the First Schedule (fees) of The Patents (Amendment) Rules 2016 available on the official website of Controller General of Patents, Designs and Trade Marks [www.ipindia.gov.in](http://www.ipindia.gov.in)

2. कार्यालय द्वारा पेटेंट प्रमाणपत्र की कोई भी कागजी प्रति अलग से जारी नहीं की जाएगी।

No hard copy of Patent Certificate shall be issued separately by the office.



GOVERNMENT OF TELANGANA 50207850  
 REGISTRATION AND STAMPS DEPARTMENT  
 THE REGISTRAR OF FIRMS  
 Hyderabad (South)



### Acknowledgement of Registration of Firm

The Registrar of Firms, Hyderabad (South) hereby acknowledges the receipt of the statement prescribed by section 58(1) of the Indian Partnership Act 1932.

The statement has been filed and the name of the firm MODO ELISION TECHNOLOGIES , 17-1-211/7/B/3/ Santhosh Nagar/ Hyderabad/ Saidabad/ Hyderabad/ Telangana/ India/ has been entered in the Register of Firms as [No : 1764 of 2019] at Hyderabad (South).



*Ravi Prasad*

REGISTRAR OF FIRMS

Hyderabad (South)  
 Date 01/07/2019

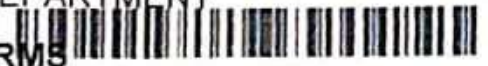
Signature valid  
 Digitally signed  
 by RAVINDR RAO  
 Date: 2019.07.01  
 16:38:08 IST



GOVERNMENT OF TELANGANA  
REGISTRATION AND STAMPS DEPARTMENT

TSVSAA 39544615

THE REGISTRAR OF FIRMS  
Hyderabad (South)



## Acknowledgement of Registration of Firm

The Registrar of Firms, Hyderabad (South) hereby acknowledges the receipt of the statement prescribed by section 58(1) of the Indian Partnership Act, 1932.

The statement has been filed and the name of the firm M/S ROBIOTICS LABS, 17-2-596/ Madannapet/ Saidabad/ Hyderabad/ Telangana/ India/ has been entered in the Register of Firms as [No : 725 of 2019] at Hyderabad (South).



Hyderabad (South)



*Ravinder*

REGISTRAR OF FIRMS

Date : 05/03/2019

Signature valid

Digitally signed  
by MALRAO  
RAVINDER RAO  
Date: 2019.03.05  
13:47:55 IST

MEE SEVA

MEE SEVA

7799232357

Infinzi



To,

16/02/2019

Muffakham Jah College of Engineering and Technology,  
Sultan-UI-Uloom Education Society,  
Banjara Hills,  
Hyderabad - 500034.

Respected Sir/Ma'am,

I, Md Muzammil s/o Dr Md Iqbal, CEO & Founder of **Goodz** (a product of Infinzi Traders Pvt. Ltd.) and director of the company, pursuing 4<sup>th</sup> year of Engineering in Computer Science from Muffakham Jah College of Engineering and Technology, roll no 1604-15-733-109. This company was actually built by MJCET students; other director of the company is a pass out of 2018 batch from CSE. **Goodz** was initiated in 2017, after which, a beta release in the form of an Android app was launched on 1<sup>st</sup> Jan 2019. **Goodz** received its trademark on 28<sup>th</sup> July 2018.

TMA Application number: 3900785.

Corporate Identity Number(CIN): U52609TG2018PTC126070.

Technology stack for **Goodz** is as follows:

Front end we used Android studio, Java and XML.

Back end we developed a common API which can be used across all the platforms such as Websites and IOs. Our API is coded in PHP & SQL.

We have three Android Applications and a website which are as follows:

1. Customers app.                      2. Delivery executive app.                      3. Shop Vendor App.

Website: we will be providing a dashboard along with the app to shop vendors to manage their own inventory.

Product description:

**Goodz** is a reliable and easy-to-use app for grocery deliveries that connects its customers to their preferred retailers and wholesalers from where they usually buy their grocery. Our principal focus is to ensure grocery deliveries to all our customers from their favorite grocers within a duration of approximately thirty minutes.

Our Goals:

Our topmost priority is focusing entirely on keeping our customers happy and satisfied. We are determined to make our customers' daily household chores effortless and trouble-free. We aim towards adding even more functionalities to our existing approach by the end of this year, which will surely be more beneficial and instrumental to our customers.

Address: 16-2-851/A/9 Ameen Colony, Saidabad-500059 Contact: 8121232357 Email: mdmuzammil@infinz.com

Our USP(Unique selling proposition/point):

Connecting customers to their **trusted store** from where they usually buy their goods which will be just a tap away and fulfilling their need within no **Time**.

Our customer base has a full potential to expand and all efforts will be focused on improving customer service dynamically, therefore increasing customer base. At present we are serving at a small local scale which will hopefully increase with the support of your institution.

We are at the point where we can increase our scale to a good extent by offering this service in different localities. We already proposed our idea to other shops of multiple localities, some of them are waiting for our response.

We have experienced positive response as of now from our limited business, thus we seek your help to help us across our current bootstrapped model.

Assistance required from institution:

At the first set-out we require 6 to 7 Lakhs. This amount breakdown is as follows:

We would be requiring a suitable workspace wherein we would set up our organization which would in turn operate as our office.

In the initial phases, we included some exciting offers for our customers to escalate sale and encourage customer satisfaction.

We need developer who can revamp and enhance the app features and dashboard of our organization as per to our requirements so that our user interface get more user friendly, interactive and responsive.

We need sales managers who will be responsible for meeting the sales targets of the organization through effective planning and budgeting. A sales manager can't work alone. He needs the support of his sales team where each one contributes in his best possible way and works towards the goals and objectives of the organization.

Delivery executives focuses on keeping our customer satisfies with the company's services.

We would allocate funds for marketing in the form of Digital Marketing and Bottom-Line Marketing.

In addition to this, we request the institution to help connect us to investors, venture capitalist and other such resources.

I hope you and the institution find merit and promise in my startup. I look forward to a strong support from you and the institution to help Goodz reach greater heights. I further hope that the institution fulfills the mentioned assistance required.

Thanking you.

Yours sincerely,



Md Muzammil

Director of INFINZI Traders Pvt.Ltd.

//Please find attached a copy of Incorporation Certificate//





GOVERNMENT OF TELANGANA  
 REGISTRATION AND STAMPS DEPARTMENT  
 TSGGCC 79391248  
 THE REGISTRAR OF FIRMS  
 Hyderabad (South)

**Acknowledgement of Registration of Firm**

The Registrar of Firms, Hyderabad (South) hereby acknowledges the receipt of the statement prescribed by section 58(1) of the Indian Partnership Act, 1932.

The statement has been filed and the name of the firm TRINDEC TECHNOLOGIES, 12-2-823/C/72, Sbi Colony, / Mehdiptnam/ Hyderabad/ Asifnagar/ Hyderabad/ Telangana/ India/ has been entered in the Register of Firms as [No : 140 of 2019] at Hyderabad (South).



*[Signature]*  
 REGISTRAR OF FIRMS

Hyderabad (South)

Date: 10/01/2019

Signature valid  
 Digitally signed  
 by MALRAO  
 RAVINDR RAO  
 Date: 2019.01.10  
 10:59:55 IST

# BEST PRACTICE II

Incentivisation of Faculty Professional Advancement

# SULTAN-UL-ULOOM EDUCATION SOCIETY

Road No.3, Banjara Hills, Hyderabad-500 034

310/SES/AM/2011/ 1137

Dated : 25<sup>th</sup> January, 2011

To  
The Principal,  
M.J. College of Engg. & Tech.,  
Banjara Hills,  
Hyderabad.

*M. J. S. S.*  
*Board of Governors*  
*2011*

The decisions taken by the Board of Governors at its meeting held on 30.12.2010 are extracted below:

Item No.4: To consider proposal received from the Principal, MJCET for sanction of allowances of Rs.5,000/- p.m. each to the two Professors of his College.

The Principal was advised to prepare a detailed report for sanction of allowances to two Professors.

Item No.5: To consider Minutes of the Governing Councils of:

i. M.J. College of Engg. & Tech. meeting held on 11.12.2010.

Item No.3: Introduction of M.E. Course in Electrical Engineering:

The Board agreed to introduce M.E. course in Power Electronics Systems under Electrical Engineering Dept. from the academic year 2011-2012.

Item No.4: Additional built-up area requirement.

The Board agreed in principle to construct a new building for MJCET to meet the deficiency in the infrastructure.

The Society Engineer was instructed to work-out the details including identification of site.

Item No.5: Grant of Study Leave for pursuing full-time Ph.D. course.

The Board agreed to sanction 3 years study / sabbatical leave to adhoc employees pursuing full-time Ph.D. Degree from IITs.

Contd..P-2

*Prof. J. S. S.*  
*The Faculty*  
*2011*

Item No.9: Tuition Fee Waiver for Top 10 Ranks in EAMCET

The Board agreed to waive tuition fee in respect of those students who figure in the First 100 in EAMCET.

2. You are requested to take action accordingly.

A handwritten signature in black ink, appearing to read 'K. Ramesh', with a long horizontal stroke extending to the right.

HONRY. SECRETARY

- Copy to : 1) The AAO (Accts.), SES  
2) Society Engineer  
3) Society's Office

35

**MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**

**NOTICE**

**GRANT OF STUDY LEAVE TO EMPLOYEES PERSUING FULL TIME  
M.E./M.TECH. COURSE AND PART-TIME Ph. D. COURSE**

All the Faculty members of MJCET are hereby informed that the Governing Council and the Board of Governors have approved the scheme for grant of study leave to employees who wish to pursue full time M.E./M.Tech. Course or Part-time Ph. D. Course from NITs, IITs and IISc.

The Board of Governors approved the scheme subject to an undertaking being taken from the employees to the effect that after completion of the course, they would continue in the service at our college for a period of at least 5 years. The decisions in regard to this category of leave will be taken by a committee comprising Hon. Secretary, SUES, Principal, MJCET and concerned Head of the Department.

Faculty members desirous of availing the study leave facility should submit a formal application through the Head of the Department along with their current bio-data. The application form should mention complete details about the course particulars and the institution where admission for M.E. / M.Tech. or Ph. D. programme is being sought.

December 19, 2008

*[Signature]*  
PRINCIPAL 22/12/08

*Cc: All HoD<sup>s</sup> / Section I/e<sup>s</sup>*

*Cc: Vice Principals*

**GUIDELINES FOR GRANT OF STUDY LEAVE FOR PURSUING M.E. /  
M.TECH. AND PH. D. PROGRAMMES**

**ADHOC EMPLOYEES**

1. An adhoc faculty member should have **put in at least two semesters of service to avail study leave for M.E. or Ph. D.**
2. **Maximum of 1 year study leave on loss of pay may be given for M.E. / M. Tech. Programmes** in any University or affiliated college.
3. **Maximum of 6 months study leave on loss of pay may be given for part-time Ph. D. programmes** in IITs, IISc. and NITs.
4. The period of study leave shall be considered for seniority/promotion in the Department in confirmation with the AICTE/UGC guidelines from time to time.
5. **A maximum of 15% of the Departments sanctioned faculty or 3 faculty members at a time, which ever is lower, may be sanctioned study leave at a time on the basis of seniority, under this scheme.** Annexure – A presents the criteria for sanctioning of study leave under various possible combinations of M.E./M.Tech. and Ph. D. applications.

**PERMANENT EMPLOYEES**

1. Permanent employees may be sanctioned maximum of 6 months of study leave on loss of pay for pursuing full-time Ph. D. programme from IITs, NITs and IISc. **This leave shall be from their account of accumulated leaves.**

*[Handwritten signature]*  
22/12

ANNEXURE - A

**GUIDELINES FOR GRANTING STUDY LEAVE - VARIOUS COMBINATIONS OF M.E./M.TECH. AND PH. D. APPLICANTS**

(CASE WHEN MAXIMUM 3 FACULTY MEMBERS MAY BE PERMITTED AT A TIME)

Number of applications received for M.E./M.Tech. study leave	Number of applications received for Ph. D. study leave	Number of applicants eligible to get study leave for M.E./M.Tech.	Number of applicants eligible to get study leave for Ph. D.
3	NIL	3	NIL
More than 3	NIL	3 senior most	NIL
NIL	3	NIL	3
NIL	More than 3	NIL	3 senior most
1	2	1	2
1	More than 2	1	2 senior most
2	1	2	1
2	More than 1	2	1 senior most
More than 2	1	2 senior most	1
More than 2	More than 1	2 senior most	1 senior most

**GUIDELINES FOR GRANTING STUDY LEAVE - VARIOUS COMBINATIONS OF M.E./M.TECH. AND PH. D. APPLICANTS**

(CASE WHEN MAXIMUM 2 FACULTY MEMBERS MAY BE PERMITTED AT A TIME)

Number of applications received for M.E./M.Tech. study leave	Number of applications received for Ph. D. study leave	Number of applicants eligible to get study leave for M.E./M.Tech.	Number of applicants eligible to get study leave for Ph. D.
2	NIL	2	NIL
More than 2	NIL	2 senior most	NIL
NIL	2	NIL	2
NIL	More than 2	NIL	2 senior most
1	1	1	1
1	More than 1	1	1 senior most
More than 1	1	1 senior most	1
More than 1	More than 1	1 senior most	1 senior most

*Handwritten signature*

**GUIDELINES FOR SPONSORSHIP TO  
CONFERENCES/SEMINARS/WORKSHOPS FOR THE YEAR 2008-2009**

The following are the guidelines for sponsorship of faculty members for presenting papers in Conferences/Seminars or attending Conferences/Seminars/Workshops from April 1, 2008 to March 31, 2009:

**(A) Guidelines for Presenting Papers in Conferences and Seminars**

1. Every faculty member is eligible to claim sponsorship for presenting papers in a maximum of 3 International/National Conferences/Seminars in the financial year.
2. Faculty members presenting papers in International/National Conferences/Seminars are eligible to avail a maximum of Rs. 5,000/- per Conference/Seminar towards registration fees + Travel Allowance + Incidental Expenses.
3. Faculty members are advised to present papers in Conferences/Seminars organized by IIT's, NIT's, Deemed Universities, University Colleges, International and National professional societies like IEEE, ACM, IE(I), CSI etc.
4. In case of multiple authors, only the first author will be eligible to claim sponsorship under clause (A).

**(B) Guidelines for Attending Conferences/Seminars/Workshops**

1. Every faculty member is eligible to claim sponsorship for attending a maximum of 3 International/National Conferences/Seminars/workshops in a year.
2. A faculty member is eligible to claim a maximum of Rs. 3000/- per annum towards registration fees + Travel Allowance + Incidental Expenses for attending Conferences/Seminars/Workshops. The amount of Rs. 3000/- may be utilized for attending one, two or a maximum of 3 Conferences/Seminars/Workshop in a year.
3. Faculty members are advised to attend conferences/seminars/workshops conducted by reputed institutions like IIT's, NIT's, Deemed Universities, University Colleges and those sponsored by AICTE and ISTE.



**(C) Guidelines for availing Travel Expenses and Incidental Expenses**

1. Faculty members are permitted to avail Travel Expenses and Incidental expenses whenever they go outside Hyderabad either to present paper in Conferences/Seminars or to attend Conferences/Seminars/Workshops. For events within Hyderabad city they are not eligible to claim these allowances.
2. Faculty members may utilize part of the amount of Rs. 5000/- under Clause (A) towards T.A./Incidental Expense along with registration fees for presenting papers in Conferences/Seminars.
3. Faculty members are permitted to utilize part of the amount of Rs. 3000/- under Clause (B) towards T.A./Incidental expenses along with registration fees for attending Conferences/Seminars/Workshops.
4. Professors can claim T.A. for A/c 3-Tier category in train or A/c bus as the case may be. Associate and Assistant Professors may claim T.A. for second class 3-Tier category in train or A/c bus as the case may be.

**(D) General Guidelines**

1. A faculty member may avail the facility either under Clause (A) or Clause (B) or a combination of (A) and (B). The guideline regarding sponsorship for a maximum of 3 Conferences/Seminars/Workshops in a year will hold good either for Clause (A) alone or Clause (B) alone or a combination of Clauses (A) and (B).
2. In case of AICTE/ISTE/DST/UGC sponsored programmes which are fully reimbursed, faculty members will be eligible to claim only incidental expenses when they attend outstation programmes.
3. Papers submitted for publication in Conferences/Seminars should be routed through the Heads of the Departments
4. The Head of the Department will maintain a complete record of all the sponsorships of the faculty members in the standard format supplied herewith.

April 15, 2008

  
PRINCIPAL

# Muffakham Jah College of Engineering and Technology

## Guidelines for R & D Proposal Submission

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R & D cell has a committee consisting of a chairperson, convener and 10 members. The convener calls for research proposals from the student-mentor teams during the months of July- August every year. The investigators are required to present their research proposal to the R & D cell members and answer the queries satisfactorily. The proposed projects normally belong to one of the following categories

- Basic research
- Applied research
- Product development (material, device, system or service)
- Retrofitting of existing equipment, machinery or system

A project proposal is approved if it leads to one of the following outcomes:

- Publication in a Journal or conference
- patent or copyright
- Contribution towards new knowledge base
- Belongs to the thrust areas notified by department/institution/university/state government/central government
- Results in a working model of a new or existing complex product / process / system

On approval of the project, the sanctioned budget is released in the name of the faculty mentor and the team is given a time frame of one academic year to complete the work. After completion, the mentor is required to submit a project completion report and demonstrate the working of the project to the R & D team. Good projects are displayed during the technical expo of the college.

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

**NOTE ON SPONSORING FACULTY FOR PROFESSIONAL  
SOCIETY MEMBERSHIP UNDER FACULTY DEVELOPMENT  
BUDGET**

A provision of Rs. 6 lakhs has been made in the annual budget for the financial year 2007-2008 under the head of Faculty Development. Faculty members attending and or presenting papers in National and International Conferences, Workshops etc. are being sanctioned the necessary financial support in the form of registration fees etc. from this budget. Till now an expenditure of about Rs. 1 lakh has been incurred under this head leaving a balance of Rs. 5 lakhs.

As per the 3-year vision document endorsed by the Governing Council in one of its meetings efforts have to be made by the college towards faculty retention and development. As part of the efforts towards this, it is proposed to encourage faculty members to become members of professional societies by offering them subsidy in the life membership fees. This will not only give a positive signal to the faculty members about the commitment of the institution towards their development but will also carry good weightage with the AICTE and Osmania University. More explicitly, it will be beneficial during the accreditation process. The faculty will in turn be benefit by receiving Journals, copies of Conference proceedings, discounts in the fees for conference registrations, subsidised accommodation in guest houses etc.

The following is the life membership fee detail of some of the professional societies:

1.	Institution of Engineers (India)	Fellow	Rs. 3,900/-
		Member	Rs. 2,900/-
2.	Indian Society for Technical Education		Rs. 2,050/-
3.	The Institution of Electronics and Telecommunication Engineering		Rs. 4,200/-
4.	Computer Society of India		Rs. 4,250/-

## THE PROPOSAL

Faculty members who have put in more than 2 years of service in MJCET (joined on or before January 1, 2006) will be eligible to claim a maximum amount of Rs. 3,000/- as reimbursement for paying life membership fees in Professional Societies relevant to their area of specialization.

## EXPLANATORY NOTES

- (i) The reimbursement will be based on the actual payment made and will not exceed the maximum limit of Rs. 3,000/-.
- (ii) Faculty members will have to pay themselves the additional membership amount in excess of Rs. 3,000/-

## FINANCIAL IMPLICATION

It is found that about 100 faculty members will be eligible to avail the benefit under the proposed scheme. The maximum expenditure to be incurred will be Rs. 3 lakhs which is well within the Rs. 5 lakhs balance available under the Faculty Development Head.

It is therefore recommended that the proposal be kindly approved. This gesture will go a long way towards faculty development and improvement in their satisfaction level. This may also help the target of faculty retention.

January 30, 2008

*Basim Ahmad*  
PRINCIPAL

To  
Hony. Secretary  
SUES

*Approved*  
*Arif*  
31/1

**Muffakham Jah College of Engineering and Technology**  
(SULTAN-UL-ULOOM EDUCATION SOCIETY)

**LIST OF MEMBERSHIP AVAILED 2007-2008**

S.No	Faculty Name	Department	Professional body Name
1	Mr. Khaleel Ur Rahman Khan	CSE	Computer Society of India (CSI)
2	Mr. A.A. Moiz Khaiser	IT	Computer Society of India (CSI)
3	Mrs. Asia Sultana	IT	Computer Society of India (CSI)
4	Mrs. S Fouzia Sayeedunissa	IT	Computer Society of India (CSI)
5	Mrs. Nahid Fatima	IT	Computer Society of India (CSI)
6	Ms. Arshia Azam	IT	IETE, New Delhi
7	Prof. K Manmohan Rao	MCA	Computer Society of India (CSI)
8	Prof. Shaik Zameeruddin	Physics	The Indian Science Congress Association
9	Mr. M K Nizamuddin	CSE	Computer Society of India (CSI)
10	Mrs. Miniza Hijab	CSE	IETE, New Delhi
11	Prof. S M Asadullah	Physics	ISTE
12	Prof. Syed Iqbal Ahmed	Mathematics	ISTE
13	Mr. Mohd Abdul Rawoof Sayeed	Mathematics	ISTE
14	Mr. Syed Azharuddin	Mathematics	ISTE
15	Mr. Mohd Haleem Rizwan	Mathematics	ISTE
16	Prof. Y Arun Kumar	Chemistry	ISTE
17	Dr. KMA Shareef	Chemistry	ISTE
18	Mr. Shamsheer Ali Khan	Chemistry	ISTE
19	Mrs. Aneesa Firdouse	Chemistry	ISTE
20	Mr. Mohd Anwarullah	MED	ISTE
21	Mr. D Srinivas Rao	MED	ISTE
22	Mr. Farooq Basha	CED	ISTE
23	Mr. Mohd Hamraj	CED	ISTE
24	Mr. Arshad Raheem	MED	ISTE
25	Mr. Haneef Saheb	ECE	ISTE
26	Mr. Rahmatullah	ECE	ISTE
27	Mrs. Afreen Sultana	CSED	Computer Society of India (CSI)
28	Mrs. Jameela Banu	CSED	Computer Society of India (CSI)
29	Mrs. Kahkashan Tabassum	CSED	Computer Society of India (CSI)
30	Mr. Rafi U Zaman	MCA	Computer Society of India (CSI)
31	Prof. S Chakrapany	ECE	IETE
32	Mrs. Sultana Azeem	ECE	IETE
33	Mr. J K Nag	ECE	IETE
34	Mrs. Kaleem Fatima	ECE	IETE
35	Mr. Iftekharuddin	ECE	IETE

36	Mrs. Nazia Parveen	ECE	IETE
37	Mrs. Ayesha Naaz	ECE	IETE
38	Mr. Arifuddin Soheli	ECE	IETE
39	Mr. Iftekhar Ahmed	ECE	IETE
40	Mrs. Farheen Iqbal	CSE	Computer Society of India (CSI)
41	Mr. Toufeeq Anwar	CED	The Institution of Engineers
42	Mr. D Ram Mohan Rao	CED	The Institution of Engineers
43	Mr. Abdullah Bin Mohammed	CED	The Institution of Engineers
44	Mr. Syed Yousufuddin	CED	The Institution of Engineers
45	Mrs. Asima Kaleem	CED	The Institution of Engineers
46	Mr. Shakeel Ayjaz	CED	The Institution of Engineers
47	Mr. Syed Ferhatullah Hussainy	MED	The Institution of Engineers
48	Prof Ashfaq Jafari	CED	The Institution of Engineers
49	Mr. Mohd Mohinuddin	MED	The Institution of Engineers
50	Mr. Hakeemuddin Ahmed	MED	The Institution of Engineers
51	Mr. Shoukat Ali	CSE	Computer Society of India (CSI)
52	Mr. P Sai Krishna	EED	The Institution of Engineers
53	Mr. M Christopher	EED	The Institution of Engineers
54	Mr. Mohd Yousuf Khan	EED	The Institution of Engineers
55	Mrs. Narjis B	EED	The Institution of Engineers
56	Mrs. Aijaz Fatima	EED	The Institution of Engineers
57	Mr. Shaik Qadeer	EED	The Institution of Engineers
<b>LIST OF MEMBERSHIP AVAILED 2008-2009</b>			
58	Mr. Mir Farooq Ali	Mathematics	ISTE
59	Mrs. Sameena Mujeeb	Mathematics	ISTE
60	Mrs. V Shanthi	Chemistry	ISTE
61	Mr. Khaja Arifuddin	CED	ISTE
62	Mr. D Akbar Hussain	ECE	ISTE
63	Mrs. Hajira Fatima	ECE	IETE
<b>LIST OF MEMBERSHIP AVAILED 2009-2010</b>			
64	Mr. Shaik Shafee	MED	ISTE
65	Mr. Shaik Khadar Vali	MED	ISTE
66	Mr. Ratnakar Pandu	MED	ISTE
67	Mr. G M Sayeed Ahmed	MED	ISTE
68	Mr. G Prasanna Kumar	MED	ISTE
69	Mr. Mohd Abdul Samad	MED	ISTE
70	Mr. Mohd Viquar Mohiuddin	MED	ISTE
71	Mr. Qayamuddin Khan	EED	ISTE
72	Mr. Mohd Ismail	EIE	ISTE
73	Mrs. A Naumeeta	ECE	ISTE
74	Mr. Mohd Mohinuddin	MED	ISTE
75	Mrs. Afroz Mehar	MED	ISTE

76	Mrs. NBV Lakshmi Kumari	MED	ISTE
77	Mr. Hakeem Aejaz Aslam	ECE	ISTE
78	Mr. Md Saber Hussain	ECE	ISTE
79	Mr. Md Riyauddin	ECE	ISTE
80	Mr. Md Muneeruddin	ECE	ISTE
81	Mr. Amanullah Hussainy	Maths	ISTE
82	Mr. Syed Omer	CED	IEI
<b>LIST OF MEMBERSHIP AWAILED 2010-2011</b>			
83	Ms. Shabana Thaniyath	ENG	ELTAI
84	Mr. Sher Md Khan	ENG	ELTAI
85	Mrs. Gazala Anjum	ENG	ELTAI
86	Mrs. Husna Khaleel	ENG	ELTAI
87	Mr. Jubair Basha	IT	Computer Society of India (CSI)
88	Dr. Nawazish Mehdi	MED	The Combustion Institute
<b>LIST OF MEMBERSHIP AWAILED 2011-2012</b>			
89	Mrs. Masarath Nayeem Tayyab	ECE	IETE
<b>LIST OF MEMBERSHIP AWAILED 2014-2015</b>			
90	Ms. T Anitha	ENG	ELTAI
<b>LIST OF MEMBERSHIP AWAILED 2015-2016</b>			
91	Mrs. O Naseema	MED	IE (I)
92	Mrs. G Sailaja	MED	IE (I)
93	Dr. Gitasri Mukherjee	ENG	ELTAI
94	Mrs. M Poorvanthi	Maths	ISTE
95	Mrs. Nuslim Bibi	Maths	ISTE
96	Dr. Abdul Majeed	Maths	ISTE
97	Mrs. Nazeerunissa	ECE	IETE
<b>LIST OF MEMBERSHIP AWAILED 2017-2018</b>			
98	Mrs. K Hema Latha	MED	IE (I)
99	Mr. Noorullah Khan	ECE	ISTE
<b>LIST OF MEMBERSHIP AWAILED 2018-2019</b>			
100	Mrs. G Sailaja	MED	ISTE
101	Mrs. K Hema Latha	MED	ISTE
<b>LIST OF MEMBERSHIP AWAILED 2019-2020</b>			
102	Mr. Ahmed Abdul Muneem	MED	ISTE
103	Mr. Hasham Ali	MED	ISTE
104	Mr. Md Yahiya	MED	ISTE
105	Mr. Mohd Mazharuddin	MED	ISTE
106	Mr. S Irfan Sadaq	MED	ISTE

### **3-day workshop on “Advanced IoT with Machine Learning” at BVCITS, Amalapuram, 2019**

IEEE Hyderabad Section, Joint Chapter of Circuits and Systems & Electron Devices Societies (CAS/EDS) and BVCITS, Amalapuram organized 3-day workshop on “Advanced Internet of Things with Machine Learning” on 23-25 August 2019. The workshop was funded under IEEE 2019 circuits and systems society (CASS) outreach programme of IEEE, Hyderabad section. The purpose of the workshop was to bring awareness towards the next big technologies, IoT & Machine Learning and train the faculty towards the latest technological usage. The hands – on training was conducted with IoT hardware platforms like Node MCU & Raspberry Pi along with some machine learning algorithms. Total 31 faculty members participated in this event. The session was comprised with the introduction to IoT Programming Language Python, hardware platforms Raspberry Pi & Node MCU followed by Machine Learning and its implementations. On the last day of the workshop, a small assessment test was conducted and certificates were distributed to the participants.



Group photo with participants



Felicitation of Dr. Arif Sohail





On-going session & certificate distribution

## **CASS Third Membership Development workshop on Internet of Things at IEEE SB, JITS, Warangal, 2018**

The CAS/EDS Chapter of IEEE Hyderabad Section organized Third CASS membership development workshop on Internet of Things at IEEE Student Branch, Jayamukhi Institute of Technological Sciences, Warangal on 17 and 18 February 2018. The workshop was funded under the CASS outreach program and supported by JITS, Warangal. There were 68 participants in the workshop and all 68 were IEEE members. In order to promote CAS/EDS membership among students, the registration fees were waived for IEEE student members who joined CAS/EDS chapter. A very positive outcome of the workshop was that 32 of the 68 participants took society membership to attend this event. The remaining 36 had basic IEEE membership. The participants represented eight student branches spread across the states of Telangana and Andhra Pradesh and the arrangement of accommodation for 28 outstation participants was done in Guest house of NIT Warangal.



Dr. Arif Sohel delivering his talk on IoT applications

As the workshop was a totally hands-on, the practical session with nine experiments ranging from preliminary IoT experiment to advanced ones like waste management, home automation and toll gate were conducted. A team of seven teaching assistants from IEEE student branch of MJCET who are trained by Dr. Arif Sohel, visited JITS Warangal one day in advance and completed installations and tested all the kits for successful operation to avoid technical issues during the workshop. The first day of the workshop had an interesting lecture on introduction to IoT by Dr. Arif Sohel, Chair, IEEE CAS/EDS chapter in the morning session

and a talk on Energy harvesting for IoT applications in the afternoon session. Five experiments were completed on day one in which students were introduced to Node MCU board, Blynk mobile app and Thingspeak IoT cloud. On the second day of the workshop, Mr. Suresh, V. S, Co- founder of Startoon Labs who had ten plus years of industry experience gave a talk on Industrial applications of IoT in the morning session and Enabling a technology startup in IoT domain in the afternoon session. He gave a first-hand explanation of the gap between industry and academia and proposed various feasible strategies to fill the same. He also beautifully mapped the engineering curriculum with the various core electronic domains in which plenty of job opportunities exist. The students were highly impressed with the presence of an industry professional amidst them and it resulted in a very fruitful offline discussion. On the experimental side, the students performed waste management using IoT and were able to send out tweets on the twitter platform when the waste bins are full using ultrasonic sensors.



Mr. Chakradhar, Dr. Arif, Dr. Rangaiah, Mr. Suresh and Mrs. Sandhya Rani releasing the IoT kit

Prof Rangaiah, an octogenarian and a dedicated IEEE volunteer who is also the Branch Counselor of IEEE Student Branch of JITS was present during the Valedictory session and gave away the certificates and IoT kits to the participating teams. Mr. A. Chakradhar, Member, IEEE CAS/EDS Execom and facilitator of the workshop announced that a formal petition to start CAS chapter in JITS was launched during this workshop, thus achieving its desired outcome of membership development. The participants from eight different colleges presented their feedback in the closing session and expressed keen interest to start IEEE CAS chapter in respective Student branch and requested the IEEE CAS/EDS Chapter to conduct similar

programs at their student branches also. Dr. Arif Soheli, expressed his profound thanks to management of JITS for supporting the workshop by hosting and sponsoring the local hospitality.



Participants from JBREC, Hyderabad receiving certificates and IoT kits from the dignitaries



Group photo of all participants and organizers.

## **Panel Discussion on Career Opportunities in Core Electronic Sector at Osmania University, 2018**

The IEEE EDS/CAS joint chapter of Hyderabad section organized a panel discussion on career opportunities in Core electronics sector on 17 March 2018 at ECE Department, Osmania University from 3.00PM to 5.00PM. Eminent industry professional with expertise in the areas VLSI Design, IOT, Communications and Embedded Systems were invited as panelists. The event started with Dr. P. Chandrasekhar, Head, ECED, Osmania University giving the welcome address. Dr. Mohammed Arifuddin Sohel, presenting the activities of IEEE EDS/CAS Chapter and elucidated about the motive of this panel discussion, which is to attempt to bridge the industry academia gap.

The first speaker, Mr. N. Venkatesh, Vice President, Redpine Signals, discussed the interview process of the core electronics companies and the importance of having clarity of fundamentals. He mentioned that a quick self-learning ability and a proactive attitude are mandatory requirements of core area. He encouraged the students to learn new things every month. To start with the students can take an online course on Python/PERL/TCL which are important scripting languages used in the industry.

Mr. Govind Krishnan, Director, Microsemi talked about the growth in semiconductor design market which is expected to be 10% per year for next 5 years as predicted by IESA. He mentioned that skilled engineers are in great demand and currently if the industry requirement is for 10 electronic engineers, they are able to hire only 6 due to lack of skilled engineers. He mentioned that VLSI Industry can be broadly classified into ASIC and FPGA design, wherein it is a very challenging job to build a ICs with no scope of mistakes. The job requires skills like Verilog, VHDL, knowledge of protocols etc. He listed the following skills that the hardware design industry would look for in a potential Electronic engineer – Logic design fundamentals (from reference book -Morris Mano), Scripting languages(Python, TCL, C Shell – any one), C and C++ for verification, Exposure to Hardware so as to translate Verilog to hardware, problem solving skills in which the approach of the candidate is monitored and finally application of learning in the form of projects. He encouraged the students to do something and continue doing it till one achieves excellence and becomes perfect in it.



(L-R) – Dr. Arif Soheli, Mr. Joginder, Mr. Venkatesh, Mr. Govind Krishnan, Dr. Kashyapa Balemarthy, Mr. S.V. Rao

Dr. Kashyapa Balemarthy, Scientist, OFS Optics who is a communication engineering expert gave a powerpoint presentation on the career options after graduation and addressed the big question of choosing between Core and Non-Core jobs. He suggests that one should self-introspect what one wants, is it money, Power, Status, Passion. He listed a few companies that recruit in core electronics area. He concluded by encouraging the students not to follow the herds mentality and succumb to peer pressure.

Mr. S.V. Rao, Director, AMD who also has a good teaching experience as an engineering faculty highlighted that students are currently studying for percentage and not for concept. This is increasing the gap between industry and academia. Companies look for people who can identify problems and also propose solutions. Also that the hiring pattern of industries is now changing and they want to spend minimum time in training so that the employee becomes billable very soon. So the current students have to project themselves to be industry ready by acquiring industry required skills during student life itself.

Mr. Joginder, CEO of Vajra Infratech pvt. Ltd mentioned that in the last decade 9 out of 10 engineers would do IT and settle in US but the times are now changing and outsourcing is not that lucrative business any more. Due to this scenario one should not just look for getting employed but also to start their own business. Become a job giver rather than a job seeker was the clear message from Joginder.

The panel discussion was very well attended by about 150 students from around 8 colleges of which about 70 were IEEE members. The students gave a very good feedback and have recommended that a full day session be conducted in this regard so that they will be better prepared for the future. A very interesting question and answer session followed the panel discussion.



Section of audience during the panel discussion

## **Workshop on Internet of Things at Indonesia, 2017**

A proposal for conduct of a CASS membership development workshop on Internet of Things was submitted by Dr. Mohammed Arifuddin Sohel, Vice Chair of IEEE CAS/EDS Chapter to IEEE CASS Headquarters, USA, under the CASS outreach initiative in February 2017. The proposal was to conduct a three day workshop at Bandung, Indonesia to promote CASS membership in Indonesia. As a part of the proposal three senior members of IEEE Hyderabad Section and two students would travel to Indonesia and conduct a hands-on workshop in the niche area of Internet of things. The proposal was accepted for funding of USD 4300 in May 2017. Dr. Arif Sohel coordinated with Dr. Soegijardjo Soegijoko, Vice Chair of IEEE CAS Indonesia chapter to conduct the workshop in ITENAS University Bandung in the month of October 2017. In this regard, a complete workshop course structure was prepared by Dr. Arif Sohel which included five technical lectures and three days of practical sessions comprising of Nine Experiments and culminating with a student innovative idea design contest.



Members of CASS Hyderabad and Indonesia releasing the IoT kits during Inaugural

The workshop was announced in the month of August 2017 with an active website maintained by Dr. Arif Sohel which highlighted the course contents, speaker profiles, list of experiments, hardware kit details, and Software drivers for pre-installation. The workshop was very well publicized by Dr. Soegi across Indonesia. As a result, about 59 delegates from 13 different universities across Indonesia participated in this workshop. There were 15 teams and each team comprised of a faculty member and three students. The classification of participants was 21 IEEE members and 38 Non IEEE members.





Workshop Faculty – Dr. Arif Sohel, Dr. P.A. Govindacharyulu and Dr. Atul Negi

The success of the workshop relied on the smooth conduct of the practical sessions which were designed on a platform comprising of NodeMCU(Hardware Kit), Thingspeak(IoT Cloud service by Mathworks) and BLYNQ(Mobile App). It required meticulous planning to ensure that the participants could be able to handle three relatively new platforms in a short span of three days. In this regard, Dr. Arif Sohel requested Dr. Soegi to identify 15 volunteers from Indonesia who were having basic knowledge of C programming and arduino kits, as teaching assistants. These volunteers were IEEE members of ITENAS university. The workshop team comprised of experts in IoT domain from India namely - Dr. Arif Sohel, Professor, ECED, MJCET, Dr. Atul Negi, Professor, University of Hyderabad, Dr. P.A. Govindacharyulu, Director (Retd.), GAETEC, and two students Mr. Humair Ahmed Khan and Mr. Huzaiifa Nayeem who had done the final year projects on IoT domain under guidance of Dr. Arif Sohel. From Indonesia side, the workshop was led by Prof. Soegi, Professor, ITENAS, Prof. Suhartono, Professor, ITB and Prof Kastam Astami, Professor, ITB, Jakarta supported by Mr. Fabrian Haidatna, Lecturer, ITENAS, Ms. Ratna, IEEE Student Branch Counselor, ITENAS, Bandung and 15 TAs led by Mr. Ridhwan, Student Chair, IEEE Student Branch, ITENAS. The workshop started on Tuesday 10 October 2017 with a lecture on Introduction to IoT by Dr. P.A. Govindacharyulu. This was followed by Lab Session 1 – Node MCU led interfacing by Dr. Arif Sohel. The Inaugural Session was conducted from 12.00 to 12.30 PM and was presided by Dr. Dani Rusirawan, Dean, ITENAS. In the afternoon session there was a lecture on Internet Principles and communication technology by Dr. Arif Sohel followed by second lab session on Lab Session 2 – Interfacing Node MCU with Internet and BLYNQ App.



Workshop Participants engrossed in programming and circuit design

On the second day, Dr. Atul Negi gave a very interesting presentation on Cloud computing and Data analytics, which was succeeded by lab session on Introduction to Cloud Storage model-Twitter updates and email using Thing Speak Dr. Arif Sohel. This was followed by two lectures on MQTT protocol for IoT by Dr. Atul Negi and API Development by Dr. Arif Sohel. The second day concluded with IoT Based Waste management system and Toll gate system by Dr. Arif Sohel and Mr. Humair Ahmed Khan. The third day started with a lecture on IOT System Design – IoT Platforms and prototyping by Dr. Arif, followed by Home Automation System using IoT by Dr. Arif Sohel and Mr. Huzaifa Nayeem. An Innovative Idea Design Contest judged by Dr. P.A. Govindacharyulu, Prof. Soegi, Prof. Suhartono,

Prof. Atul Negi was conducted from 11.00 AM to 2.00PM. A Panel Discussion on Future challenges and opportunities in IoT by Dr. Kastam Astami, Industry expert from Indonesia was held in the post lunch session. Finally the workshop closed with Feedback from

participants and Prize distribution to winners of Innovative Idea Design Contest. The winning teams of Innovative Idea design were presented with cash prizes of USD 300.



Distribution of CASH prizes to winning team of Innovative Idea Contest in closing ceremony

The workshop was able to achieve its planned outcome of improving IEEE CASS membership in Indonesia. The message of IEEE could reach out to 13 universities from various parts of Indonesia and participants were encouraged to join IEEE CAS Society and conduct similar programs. The IEEE CAS chapter of Hyderabad section is committed to technically support all such programs in Indonesia in future.

## **Visit to IEEE Sri Lanka by IEEE CAS/EDS Chapter team of Hyderabad Section, India, 2017**

Under the New CASS Networking program driven by Prof. Nishio, the IEEE CAS/EDS Chapter of Hyderabad Section visited the IEEE Sri Lanka section which does not have a Circuits and Systems Society Chapter. The background of this visit is that CAS/EDS Chapter Hyderabad has in previous years build a very strong network with chapters of Japan, Malaysia, Singapore and Indonesia and when Prof. Nishio announced the New CASS Networking program where a CAS chapter team would visit an IEEE Section in a different country that did not have a CASS Chapter, Dr. Arif Sohel, Vice Chair of IEEE Hyderabad Section took up this very interesting challenging of promoting Circuits and Systems Society at Sri Lanka. Dr. Sanath Jayawardene, Chair, IEEE Section Sri Lanka came forward very positively and agreed to host the Hyderabad section team.

The team of IEEE Hyderabad Section comprised of Dr. Arif Sohel, Vice Chair, CAS/EDS Hyderabad, Mr. A.G. Krishna Kanth, Secretary, CAS/EDS Hyderabad and two students – Mr. Mohammed Ali and Mr. Apuroop. The team arrived in Colombo, Sri Lanka in the afternoon of 1 December 2017. Mr. Nadarajah Dheynoshan was the coordinator of the event from IEEE Sri Lanka Section. He had publicized the event in the Sri Lanka Section as a IEEE Techno Meet Up being organised at the Mini Auditorium of University of Colombo and it was very well received by the IEEE community. There were 140 registrations of which 80 persons participated for the event, inspite of bad weather caused due to cyclone Ockhi.



(L to R) Mr. Krishna Kanth, Dr. Sanath, Mr. Dheynoshan, Dr. Arif Sohel and Mr. Ali

The Technical session started at 4.00PM with the Introduction of the, IEEE Hyderabad Section and activities of CAS/EDS Hyderabad Chapter being given by Dr. Arif Sohel for 15 minutes. He briefed all the student members who represented a wide spectrum of 12 universities of Sri Lanka on the benefits of IEEE membership and starting a CASS Chapter. This was followed by a 45 minute Technical Talk by Dr. Arif Sohel on “Energy Harvesting Circuits for IoT – A research perspective” which was received very enthusiastically by the audience. This was followed by Hi Tea break for 15 minutes in which tea and snacks were served to all participants.



(L-R) Dr. Arif Sohel, Mr. Krishna Kanth delivering lectures

The post tea break session was a one hour talk by Mr. A.G. Krishna Kanth, Secretary, CAS/EDS Hyderabad on the topic “Analog IC Design for Automotive Industry”. Mr. Krishna Kanth took the audience with the complete IC Design flow from concept to silicon with Automotive Industry as the key perspective. This was followed by a 10 minute presentation by Mr. Mohammed Ali, a P.G student of Hyderabad Section on “Design of Data Path unit for FFT processor” and another 10 minute presentation by Mr. Apuroop Reddy, a U.G. Student of Hyderabad Section. The session concluded with a vote of thanks by Mr. Nadarajah, Execom member of IEEE Sri Lanka section. There was a good post session interaction with the IEEE Student execom members of various schools, who enquired about the process of starting the CASS chapter. Dr. Arif will communicate the complete process of “How to start a CASS Student chapter” to the interested schools through email. The session concluded at 7.00PM. On the second day of the visit, a meeting of the IEEE Sri Lanka Execom with CAS/EDS Hyderabad

Section team was conducted at Hotel Global Towers from 9.30 AM to 10.30 AM, in which Dr. Arif Sohel gave a detailed presentation of benefits of starting a CAS chapter at the section level to Dr. Sanath Jayawardane, Section Chair, IEEE Sri Lanka Section.

Dr. Sanath informed that the Electronics department was present in only 8 Universities in Sri Lanka and was keen to promote a student CAS chapter at these places. Further, Dr. Arif Sohel, Informed to Dr. Sanath of the practice of having joint chapters in Hyderabad Section. Dr. Sanath was very pleased to know that an existing chapter could be converted into a joint chapter and it was recommended by Dr. Arif that the CAS chapter can be started jointly with the already existing RAS(Robotics and Automation Society) Chapter which is one of the most Active Chapter of IEEE Sri Lanka Subsection. Dr. Sanath will discuss the matter in the Sri Lanka Executive Committee and take a decision on this matter. It is expected that IEEE Sri Lanka section will start a CAS chapter in the near future which would be a major outcome of this visit. The CAS/EDS Hyderabad Team returned after a short two day visit on morning of Sunday, 3 December 2017.



Dr. Arif Sohel presenting a memento to Dr. Sanath

## **Robotics Workshop Award Ceremony for TMREIS at MJCET**

The Telangana Minority schools Education Institutes Society (TMREIS) in collaboration with Robotics club of Muffakham Jah College of Engineering and Technology, organized an award function for Robotics Workshop held at 43 TMR schools in Hyderabad and Rangareddy districts for seventh class students.

Dr. Mohammed Arifuddin Sohel, Head of ECE Department, MJCET mentioned in his welcome address that the 450 engineering students of all departments of MJCET went to TMR schools on 12, 13 and 20 August 2017 and taught robotics to about 4000 school students. This project was completely sponsored by Govt. of Telangana. A total of 126 school students were presented with awards for outstanding performance in the robotics workshop.

Janab Zafar Javeed, Hon. Secretary, Sultan Ul uloom education society lauded the proactive role of TMRIES in spreading education in the minority community. He felicitated Mr. Shafiullah, Secretary, TMRIES for being presented with Excellence Award by Govt. of Telangana. Mr. B. Shafiullah in his address mentioned that Hon. Chief minister of Telangana, Mr. B. Shafiullah also unveiled 3D printed model robotic arm designed by student of ECE department of MJCET. Mr. Shafiullah also mentioned that Hon. Chief Minister Sri. K. Chandrasekhar Rao garu is dedicated for upliftment of minorities through education. As a part of his commitment, education and facilities on par with international standards are being provided to students.

Dr. Basheer Ahmed, Director, MJCET and Dr. Syed Ferhathullah Hussaniy, Dean, MJCET commented that the college is not just dedicated to impart technical knowledge but also inculcate the spirit of social responsibility among its students. Mr. Aijaz, Dean, Vigilance, TMRIES and Mr. Lateef, Dean, Academics, MJCET were also present during the award function.







**Muffakham Jah College of Engineering and Technology**  
**(SULTAN-UL-ULOOM EDUCATION SOCIETY)**

**FACULTY LIST COMPLETED M.E. DEGREE BETWEEN 2007 TO 2019**

S.No	Academic Year	Faculty Name	Department
1	2008	Mr. J Srinivas	IT
2	2008	Mr. Mohd Liyaqat Ali Khan	IT
3	2008	Mr. N. Md. Jubiar Basha	IT
4	2008	Mr. Afshan Kaleem	IT
5	2008	Mr. M Md Sabir Hussain	ECE
6	2009	Ms. Ayesha Habeeb	IT
7	2009	Ms. Sayyada Hajera Begum	IT
8	2009	Mr. Md Umair Quadri	ECE
9	2009	Mr. Mohammad Nazeer	CSE
10	2009	Mr. Md Ifteqar Ahmed	ECE
11	2010	Ms. Naimoonisa Begum	CSE
12	2010	Mr. Md Asrar Ahmed	CSE
13	2010	Mr. Mohd Abdul Rasheed	IT
14	2010	Ms. Farha Nousheen	IT
15	2010	Mr. Mohd Saleem Khan	CSE
16	2010	Mr. S Raghavender	EEE
17	2011	Ms. Shubhangi Saxena	ECE
18	2011	Mr. P Sai Krishna	EEE
19	2011	Mr. Md Muneeruddin	ECE

**MUFFAKHAM JAH COLLEGE OF ENGG. & TECHNOLOGY**  
**LIST OF FACULTY MEMBERS HOLDING PH.D. DEGREE IN 2007**

<b>S. No</b>	<b>Name of Faculty</b>	<b>Department</b>
1.	Dr. Moinuddin Ahmed	CED
2.	Dr. Mohd. Hussain	CED
3.	Dr. Shaik Rusthum	CED
4.	Prof. Dr. Eshwar Tenneti	CSED
5.	Prof. G. Srinivasan	EED
6.	Prof. T.Purnachandra Rao	EED
7.	Dr. S. Nawazish Mehdi	MED
8.	Dr. Aliuddin Ansari	MED
9.	Dr. G. Ramamurthy	MED
10.	Mr. Shaik Khadar Vali	MED
11.	Dr. A. Waheedullah	BS & H
12.	Dr. Syed Iqbal Ahmed	BS & H
13.	Dr. Mohd. Jafer Sadiq, (Retd.)	BS & H
14.	Dr. S.M. Asadullah	BS & H
15.	Dr. Shaik. Zameeruddin	BS & H
16.	Dr. M.A. Khadeer	BS & H
17.	Dr. Y. Arun Kumar	BS & H
18.	Dr. K.M.A. Shareef	BS & H
19.	Dr. Abdur Rub Khaleel	BS & H

## MUFFAKHAM JAH COLLEGE OF ENGG. & TECHNOLOGY

### LIST OF FACULTY MEMBERS HOLDING PH.D. DEGREE in 2019

S.No.	Name of full time teachers with Ph.D.	DEPT
1	Dr. Basheer Ahmed	MED
2	Prof. N. Seetharamaiah	MED
3	Prof. Ashfaque Jafari	CED
4	Prof. Syed Ferhathullah Hussainy	MED
5	Prof. Mohammed Hamraj	CED
6	Prof. Moinuddin Ahmed	CED
7	Prof. Mohd. Abdullah Sharif	CED
8	Prof. S.M. Farooq Basha	CED
9	Dr. (Mrs.) Qamar Sultana	CED
10	Prof. Mohammed Haseeb Khan	EED
11	Prof. Shaik Qadeer	EED
12	Prof. J. Namratha Manohar	EED
13	Dr. Mahaboob Shaik	EED
14	Dr. Mohammed Sajid	EED
15	Dr. Md. Abdul Muqet	EED
16	Prof. (Mrs.) Kaleem Fatima	ECED
17	Prof. Mohammed Arifuddin Sohel	ECED
18	Dr. (Mrs.) Nazia Parveen	ECED
19	Dr. (Mrs.) Ayesha Naaz	ECED
20	Dr. M. Mohammed Sabir Hussain	ECED
21	Prof. Shaik KhaderVali	MED
22	Prof. Mohammed Mohinoddin	MED
23	Prof. Mohd. Sadak Ali Khan	MED
24	Dr. Mohammed Viquar Mohiuddin	MED
25	Dr. (Mrs.) Ishrat M.M.	MED
26	Dr. G. Prasanna Kumar	MED
27	Dr. Hakeemuddin Ahmed	MED
28	Dr. D. Srinivas Rao	MED
29	Dr. (Mrs.) K. Hema Latha	MED
30	Dr. (Mrs.) G. Sailaja	MED
31	Dr. Syed Khader Basha	MED
32	Prof. Ahmed Abdul Moiz Qyser	CSED
33	Prof. (Mrs.) Uma N. Dulhare	CSED
34	Prof. Syed Shabbeer Ahmed	CSED
35	Dr. Mohammed Mahamood Ali	CSED

36	Dr. Mohammed Umar Farooq	CSED
37	Prof. (Mrs.) Mousmi Ajay Chaurasia	ITD
38	Prof. Devasish Pal	ITD
39	Dr. Rafi-uz -Zaman	ITD
40	Dr. Abdul Majeed	H & S
41	Dr. Syed Amanullah Hussainy	H & S
42	Dr. Md. Abdul Rawoof Sayeed	H & S
43	Dr. Shaik Kareem Ahmed	H & S
44	Dr. (Mrs.) Nazima Siddiqui	H & S
45	Dr. (Mrs.) Aneesa Firdose	H & S
46	Dr. (Mrs.) V. Shanti	H & S
47	Dr. M.G.V. Satyanarayana	H & S
48	Dr. (Ms.) Sariah Sana	H & S
49	Dr. (Mrs.) Shabana Thayniath	H & S
50	Dr. (Mrs.) Gitasri Mukherjee	H & S
51	Dr. Sher Muhammed Khan	H & S

**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
**(SULTAN-UL-ULOOM EDUCATION SOCIETY)**

**No of professors in 2007**

<b>S. No</b>	<b>Name</b>	<b>Department</b>
1.	Prof. Dr. Eshwar Tenneti	CSED
2.	Prof. G. Srinivasan	EED
3.	Prof. T.Purnachandra Rao	EED
4.	Prof. V.M. Shamraj	MED
5.	Dr. S. Nawazish Mehdi	MED
6.	Dr. Aliuddin Ansari	MED
7.	Dr. G. Ramamurthy	MED
8.	Dr. A. Waheedullah	BS & H
9.	Dr. Syed Iqbal Ahmed	BS & H
10.	Dr. S.M. Asadullah	BS & H
11.	Dr. Shaik. Zameeruddin	BS & H
12.	Dr. M.A. Khadeer	BS & H
13.	Dr. Y. Arun Kumar	BS & H

**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
**(SULTAN-UL-ULOOM EDUCATION SOCIETY)**

**No of Professors in 2019**

<b>S. No.</b>	<b>Name</b>	<b>Department</b>
1.	Prof. Ashfaque Jafari	CED
2.	Prof. Mohammed Hamraj	CED
3.	Prof. Moinuddin Ahmed	CED
4.	Prof. Mohd. Abdullah Sharif	CED
5.	Prof. S.M. Farooq Basha	CED
6.	Prof. Mohammed Haseeb Khan	EED/IED
7.	Prof. Shaik Qadeer	EED/IED
8.	Prof. J. Namratha Manohar	EED/IED
9.	Prof. (Mrs.) Kaleem Fatima	ECED
10.	Prof. Mohammed Arifuddin Sohel	ECED
11.	Dr. (Mrs.) Nazia Parveen	ECED
12.	Dr. (Mrs.) Ayesha Naaz	ECED
13.	Prof. Syed Ferhathullah Hussainy	MED/PROD
14.	Prof. N. Seetharamaiah	MED/PROD
15.	Prof. Shaik KhaderVali	MED/PROD
16.	Prof. Mohammed Mohinoddin	MED/PROD
17.	Prof. Mohd. Sadak Ali Khan	MED/PROD
18.	Dr. Mohammed Viquar Mohiuddin	MED/PROD
19.	Dr. (Mrs.) Ishrat M.M.	MED/PROD
20.	Prof. Ahmed Abdul Moiz Qyser	CSED
21.	Prof. (Mrs.) Uma N. Dulhare	CSED
22.	Prof. Syed Shabbeer Ahmed	CSED
23.	Prof. K Manmohan Rao	CSED
24.	Prof. (Mrs.) Mousmi Ajay Chaurasia	ITD
25.	Prof. Devasish Pal	ITD
26.	Dr. Abdul Majeed	Mathematics

# Muffakham Jah College of Engineering and Technology

List of Faculty who completed Ph. D. during their tenure in  
MJCET between 2007 and 2019

S. No.	Name of Faculty
1	Prof. N. Seetharamaiah
2	Prof. Ashfaque Jafari
3	Prof. Syed Ferhathullah Hussainy
4	Prof. Mohammed Hamraj
5	Prof. S.M. Farooq Basha
6	Dr. (Mrs.) Qamar Sultana
7	Prof. Mohammed Haseeb Khan
8	Prof. Shaik Qadeer
9	Dr. Mahaboob Shaik
10	Dr. Mohammed Sajid
11	Dr. Md. Abdul Muqet
12	Prof. (Mrs.) Kaleem Fatima
13	Prof. Mohammed Arifuddin Sohel
14	Dr. (Mrs.) Nazia Parveen
15	Dr. (Mrs.) Ayesha Naaz
16	Dr. M. Mohammed Sabir Hussain
17	Prof. Shaik KhaderVali
18	Prof. Mohammed Mohinoddin
19	Prof. Mohd. Sadak Ali Khan
20	Dr. Mohammed Viquar Mohiuddin
21	Dr. (Mrs.) Ishrat M.M.
22	Dr. G. Prasanna Kumar
23	Dr. Hakeemuddin Ahmed
24	Dr. D. Srinivas Rao
25	Dr. (Mrs.) K. Hema Latha
26	Dr. (Mrs.) G. Sailaja
27	Dr. Syed Khader Basha
28	Prof. Ahmed Abdul Moiz Qyser
29	Dr. Mohammed Mahamood Ali
30	Dr. Mohammed Umar Farooq
31	Dr. Mohammed Imran
32	Dr. Rafi-uz -Zaman

S. No.	Name of Faculty
33	Dr. Syed Amanullah Hussainy
34	Dr. Md. Abdul Rawoof Sayeed
35	Dr. Shaik Kareem Ahmed
36	Dr. (Mrs.) Aneesa Firdose
37	Dr. (Mrs.) V. Shanti
38	Dr. (Mrs.) Shabana Thayniath
39	Dr. Sher Muhammed Khan
40	Dr. (Mrs.) Arshia Azam
41	Dr. (Mrs.) Shaik Nuslin Bibi
42	Dr. G.M. Sayeed Ahmed
43	Dr. M.A. Jabbar
44	Dr. (Mrs.) M. Sowjanya
45	Dr. K. Venkata Subba Reddy
46	Dr. (Mrs.) Afroz Mehar
47	Dr. J. Dhanraj Pamar
48	Dr. Md. Ismail.B
49	Prof. A.S. Reddy
50	Dr. Mohd. Masood
51	Dr. Mohammed Anwarullah
52	Dr. Ratnakar Pandu
53	Dr. A.R.Raheem
54	Dr. Khaleel-Ur-Rahman Khan



# BEST PRACTICE III

Benchmark Testing

**MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**NOTICE**  
**B.E. I SEMESTER (2018-2019)**  
**Benchmark Tests**

1. The Benchmark Tests will be conducted in all the theory courses of I semester.

<b>Group</b>	<b>Programs</b>	<b>Courses</b>	<b>Remarks</b>
A	CSE, IT, ME and PE	Mathematics - I, Physics and Basic Electrical Engineering	3 Tests as per time table
B	CE, ECE, EEEE and EIE	Mathematics - I, Chemistry, Programming for problem solving	3 Tests as per time table

2. The tests will be conducted on the designated Saturdays in the class room.
3. Time Table of Benchmark Tests will be released by Dean Academics.
4. All the tests will be answered by the students on tutorial / assignment sheets available in the stationary stores.
5. Attendance shall be taken and marked in the register.
6. Thread for bunching of sheets shall be provided by the department by sourcing the same from the stores.
7. Question papers may be printed / photocopied / cyclostyled / hand written on board / projected on screen using LCD projector.
8. Two invigilators to be provided by the Department
9. Answer scripts to be corrected by the teacher offering the course
10. Marks to be submitted to two HODs; Program Department HOD and the Head of the Section / Department offering the course.
11. The question paper may be common or separate for each class.
12. The syllabus of the tests shall be limited and important topics only may be included.
13. There shall be no choice in the question paper.
14. The intention of the benchmark tests is to provide the teacher with an interim assessment opportunity. The outcome may be used by the teacher to fine tune the course delivery.

Sd/-  
Dean Academics  
August 16, 2018

# Muffakham Jah College of Engineering and Technology

## B.E. I Semester (All Branches)

### BENCHMARK TESTS – TIME TABLE

S. No.	Series	Date	Group A	Group B	Particulars of Test
<b>Benchmark Tests Before Class Test I</b>					
1	A	25-08-2018	BEE, Physics, Maths-I	Chemistry, PPS, Maths-I	(Part A Only) 5 Questions for each course
2	B	01-09-2018	Physics	Chemistry	(Part A and B) 2 Short Questions, 2 Long Questions
3		15-09-2018	BEE	Maths-I	
4		22-09-2018	Maths-I	PPS	
<b>Benchmark Tests after Class Test I</b>					
5	C	06-10-2018	Physics	Chemistry	(Part A and B) 3 Short Questions, 2 Long Questions
6		27-10-2018	Maths-I	PPS	
7		03-11-2018	BEE	Maths-I	

#### NOTE

1. THERE IS **NO CHOICE** IN THE BENCHMARK TESTS QUESTION PAPER
2. SERIES A - EACH PART – A QUESTION SHALL BE OF TWO MARKS – **MAXIMUM MARKS = 10**
3. SERIES B - EACH PART – A QUESTION SHALL BE OF 3 MARKS AND EACH PART – B QUESTION SHALL BE OF 7 MARKS - **MAXIMUM MARKS = 20**
4. SERIES C – EACH PART – A QUESTION SHALL BE OF 2 MARKS AND EACH PART – B QUESTION SHALL BE OF 7 MARKS - **MAXIMUM MARKS = 20**

Sd/

Dean Academics

Sd/

Advisor Cum Director

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

B.E. I SEMESTER

GROUP – A (ECE, IT, MECH AND PROD)

TIME TABLE OF BENCH MARK TEST

W.E.F : 3<sup>RD</sup> SEPTEMBER 2019 .

Branch / Session	ECE A	ECE B	IT A	IT B	MECH - A	MECH - B	PROD
1	(11AM-12N) PHY 4 <sup>TH</sup> SEPT	(9AM-10AM) PHY 9 <sup>TH</sup> SEPT	(10AM-11AM) PHY 6 <sup>TH</sup> SEPT	(9AM-10AM) PHY 6 <sup>TH</sup> SEPT	(9AM-10AM) PHY 5 <sup>TH</sup> SEPT	(10AM-11AM) PHY 4 <sup>TH</sup> SEPT	(11AM-12N) PHY 3 <sup>RD</sup> SEPT
2	(11AM-12N) MATHS-I(HR) 11 <sup>TH</sup> SEPT	(9AM-10AM) MATHS-I(RS) 16 <sup>TH</sup> SEPT	(10AM-11AM) MATHS-I(RS) 13 <sup>TH</sup> SEPT	(9AM-10AM) MATHS-I(HR) 13 <sup>TH</sup> SEPT	(9AM-10AM) MATHS-I(VV) 12 <sup>TH</sup> SEPT	(10AM-11AM) MATHS-I(VV) 11 <sup>TH</sup> SEPT	(11AM-12N) MATHS-I(VV) 17 <sup>TH</sup> SEPT
3	(11AM-12N) BEE 18 <sup>TH</sup> SEPT	(9AM-10AM) BEE 23 <sup>RD</sup> SRPT	(10AM-11AM) BEE 20 <sup>TH</sup> SEPT	(9AM-10AM) BEE 20 <sup>TH</sup> SEPT	(9AM-10AM) BEE 19 <sup>TH</sup> SEPT	(10AM-11AM) BEE 18 <sup>TH</sup> SEPT	(11AM-12N) BEE 24 <sup>TH</sup> SEPT
4	(11AM-12N) PHY 25 <sup>TH</sup> SEPT	(9AM-10AM) PHY 30 <sup>TH</sup> SEPT	(10AM-11AM) PHY 27 <sup>TH</sup> SEPT	(9AM-10AM) PHY 27 <sup>TH</sup> SEPT	(9AM-10AM) PHY 26 <sup>TH</sup> SEPT	(10AM-11AM) PHY 25 <sup>TH</sup> SEPT	(11AM-12N) PHY 1 <sup>ST</sup> OCT
5	(11AM-12N) MATHS-I(HR) 16 <sup>TH</sup> OCT	(9AM-10AM) MATHS-I(RS) 14 <sup>TH</sup> OCT	(10AM-11AM) MATHS-I(RS) 18 <sup>TH</sup> OCT	(9AM-10AM) MATHS-I(HR) 18 <sup>TH</sup> OCT	(9AM-10AM) MATHS-I(VV) 17 <sup>TH</sup> OCT	(10AM-11AM) MATHS-I(VV) 16 <sup>TH</sup> OCT	(11AM-12N) MATHS-I(VV) 15 <sup>TH</sup> OCT
6	(11AM-12N) BEE 23 <sup>RD</sup> OCT	(9AM-10AM) BEE 21 <sup>ST</sup> OCT	(10AM-11AM) BEE 25 <sup>TH</sup> OCT	(9AM-10AM) BEE 25 <sup>TH</sup> OCT	(9AM-10AM) BEE 24 <sup>TH</sup> OCT	(10AM-11AM) BEE 23 <sup>RD</sup> OCT	(11AM-12N) BEE 22 <sup>ND</sup> OCT
7	(11AM-12N) PHY 30 <sup>TH</sup> OCT	(9AM-10AM) PHY 28 <sup>TH</sup> OCT	(10AM-11AM) PHY 1 <sup>ST</sup> NOV	(9AM-10AM) PHY 1 <sup>ST</sup> NOV	(9AM-10AM) PHY 31 <sup>ST</sup> OCT	(10AM-11AM) PHY 30 <sup>TH</sup> OCT	(11AM-12N) PHY 29 <sup>TH</sup> OCT
8	(11AM-12N) MATHS-I(HR) 6 <sup>TH</sup> NOV	(9AM-10AM) MATHS-I(RS) 4 <sup>TH</sup> NOV	(10AM-11AM) MATHS-I(RS) 8 <sup>TH</sup> NOV	(9AM-10AM) MATHS-I(HR) 8 <sup>TH</sup> NOV	(9AM-10AM) MATHS-I(VV) 7 <sup>TH</sup> NOV	(10AM-11AM) MATHS-I(VV) 6 <sup>TH</sup> NOV	(11AM-12N) MATHS-I(VV) 5 <sup>TH</sup> NOV
9	(11AM-12N) BEE 13 <sup>TH</sup> NOV	(9AM-10AM) BEE 11 <sup>TH</sup> NOV	(10AM-11AM) BEE 15 <sup>TH</sup> NOV	(9AM-10AM) BEE 15 <sup>TH</sup> NOV	(9AM-10AM) BEE 14 <sup>TH</sup> NOV	(10AM-11AM) BEE 13 <sup>TH</sup> NOV	(11AM-12N) BEE 19 <sup>TH</sup> NOV

Sd/-  
Dean Academics

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

B.E. I SEMESTER

GROUP – B (CIVIL, CSE, EEE AND EIE)

TIME TABLE OF BENCH MARK TEST

W.E.F : 3<sup>RD</sup> SEPTEMBER 2019 .

Branch / Session	Civil A	Civil B	CSE A	CSE B	EEE	EIE
1	(10AM-11AM) CHEM 6 <sup>TH</sup> SEPT	(9AM-10AM) CHEM 6 <sup>TH</sup> SEPT	(9AM-10AM) CHEM 4 <sup>TH</sup> SEPT	(2:45PM-3:45PM) CHEM 9 <sup>TH</sup> SEPT	(10AM-11AM) CHEM 7 <sup>TH</sup> SEPT	(10AM-11AM) CHEM 7 <sup>TH</sup> SEPT
2	(10AM-11AM) MATHS-I(IA) 13 <sup>TH</sup> SEPT	(9AM-10AM) MATHS-I(VV) 13 <sup>TH</sup> SEPT	(9AM-10AM) MATHS-I(IA) 11 <sup>TH</sup> SEPT	(2:45PM-3:45PM) MATHS-I(IA) 16 <sup>TH</sup> SEPT	(10AM-11AM) MATHS-I(SM) 21 <sup>ST</sup> SEPT	(10AM-11AM) MATHS-(IA) 21 <sup>ST</sup> SEPT
3	(10AM-11AM) PPS 20 <sup>TH</sup> OCT	(9AM-10AM) PPS 20 <sup>TH</sup> SEPT	(9AM-10AM) PPS 18 <sup>TH</sup> SEPT	(2:45PM-3:45PM) PPS 23 <sup>RD</sup> SEPT	(10AM-11AM) PPS 19 <sup>TH</sup> OCT	(10AM-11AM) PPS 19 <sup>TH</sup> OCT
4	(10AM-11AM) CHEM 27 <sup>TH</sup> OCT	(9AM-10AM) CHEM 27 <sup>TH</sup> SEPT	(9AM-10AM) CHEM 25 <sup>TH</sup> SEPT	(2:45PM-3:45PM) CHEM 30 <sup>TH</sup> SEPT	(10AM-11AM) CHEM 26 <sup>TH</sup> OCT	(10AM-11AM) CHEM 26 <sup>TH</sup> OCT
5	(10AM-11AM) MATHS-I(IA) 18 <sup>TH</sup> OCT	(9AM-10AM) MATHS-I(VV) 18 <sup>TH</sup> OCT	(9AM-10AM) MATHS-I(IA) 16 <sup>TH</sup> OCT	(2:45PM-3:45PM) MATHS-I(IA) 14 <sup>TH</sup> OCT	(10AM-11AM) MATHS-I(SM) 2 <sup>ND</sup> NOV	(10AM-11AM) MATHS-I(IA) 2 <sup>ND</sup> NOV
6	(10AM-11AM) PPS 25 <sup>TH</sup> OCT	(9AM-10AM) PPS 25 <sup>TH</sup> OCT	(9AM-10AM) PPS 23 <sup>RD</sup> OCT	(2:45PM-3:45PM) PPS 21 <sup>ST</sup> OCT	(10AM-11AM) PPS 16 <sup>TH</sup> NOV	(10AM-11AM) PPS 16 <sup>TH</sup> NOV
7	(10AM-11AM) CHEM 1 <sup>ST</sup> NOV	(9AM-10AM) CHEM 1 <sup>ST</sup> NOV	(9AM-10AM) CHEM 30 <sup>TH</sup> OCT	(2:45PM-3:45PM) CHEM 28 <sup>TH</sup> OCT	(10AM-11AM) CHEM 23 <sup>RD</sup> NOV	(10AM-11AM) CHEM 23 <sup>RD</sup> NOV

8	(10AM-11AM) MATHS-I(IA) 8 <sup>TH</sup> NOV	(9AM-10AM) MATHS-I(VV) 8 <sup>TH</sup> NOV	(9AM-10AM) MATHS-I(IA) 6 <sup>TH</sup> NOV	(2:45PM-3:45PM) MATHS-I(IA) 4 <sup>TH</sup> NOV	(10AM-11AM) MATHS-I(SM) 7 <sup>TH</sup> DEC	(10AM-11AM) MATHS-I(IA) 7 <sup>TH</sup> DEC
9	(10AM-11AM) PPS 15 <sup>TH</sup> NOV	(9AM-10AM) PPS 15 <sup>TH</sup> NOV	(9AM-10AM) PPS 13 <sup>TH</sup> NOV	(2:45PM-3:45PM) PPS 11 <sup>TH</sup> NOV	(1:45PM-2:45PM) PPS 7 <sup>TH</sup> DEC	(1:45PM-2:45PM) PPS 2 <sup>ND</sup> DEC

Sd/-  
Dean Academics

**FACULTY OF ENGINEERING**  
**RULES AND REGULATIONS**  
for four year  
**BACHELOR OF ENGINEERING**  
**Degree Programme**  
of  
**OSMANIA UNIVERSITY**

(With effect from the academic year 2016-17)

(As approved in Faculty Meeting held on 18 June 2016)



Issued by  
**Dean, Faculty of Engineering**  
**Osmania University, Hyderabad**  
**Telangana State**

July 2016

**BACHELOR OF ENGINEERING**  
( A Four Year Degree Programme)  
**OSMANIA UNIVERSITY, HYDERABAD (T.S.)**  
**RULES AND REGULATIONS**  
(With effect from the Academic year 2016-17)

**CONTENTS .**

	<b>Page No.</b>
1. ADMISSION	5
2. DURATION AND PROGRAMMES OF STUDY	5
3. ATTENDANCE	6
4. SCHEME OF INSTRUCTION AND EXAMINATION	8
5. RULES OF PROMOTION	12
6. GRADING SYSTEM	13
7. AWARD OF DEGREE	14
8. IMPROVEMENT OF OVERALL SCORE	14
9. GENERAL RULES OF EXAMINATIONS	15
10. TRANSITORY REGULATIONS	16



**BACHELOR OF ENGINEERING**  
( A Four Year Degree Programme)  
**OSMANIA UNIVERSITY, HYDERABAD (T.S.)**

\* \* \*

**RULES AND REGULATIONS**  
(With effect from the Academic year 2016-17)

**Note:** 1. All the Rules and Regulations, hereinafter specified shall be read as a whole for the purpose of interpretation

**1 ADMISSION**

- 1.1** A candidate for admission to the Four Year Degree Program in Engineering must have passed the Intermediate Examination of the Board of Intermediate Education, Government of Telangana with Mathematics, Physics and Chemistry as optional courses, or any other examination recognised by the Osmania University as equivalent thereto.
- 1.2** All the eligible applicants shall have to qualify at the common Entrance Examination. The candidates will be admitted strictly in accordance with the merit secured at the Entrance Examination (EAMCET) conducted by the state government of Telangana, keeping in view the Rules in force regarding the reservations of seats to various categories of candidates. The other rules regarding admission to various B.E programmes for affiliated private engineering colleges as in force from time to time are also applicable.

**2 DURATION AND PROGRAM OF STUDY**

- 2.1** The duration of the program is eight semesters (four years) I, II, III, IV, V, VI, VII and VIII semesters. Each academic year shall comprise of two semesters.

Instruction --16 weeks

Preparation holidays (includes practical exams) -- 2 to 3 weeks

**No admission / readmission / promotion is to be made after four weeks of the commencement of instruction.**

**In case there are any court cases consequent to which the**

**authorities are compelled to admit any candidate after the announced last date of admissions, the admission (seat) of such a student would be reserved for the subsequent year on a supernumerary basis.**

No refund of Tuition fee will be made after the commencement of Instruction.

- 2.2** The following Bachelor of Engineering (B.E.) programs of study are offered in the various affiliated colleges under the Faculty of Engineering, O.U.
- i) Civil Engineering
  - ii) Computer Science and Engineering
  - iii) Electrical and Electronics Engineering
  - iv) Electronics and Communication Engineering
  - v) Mechanical Engineering
  - vi) Production Engineering
  - vii) Electrical and Instrumentation Engineering
  - viii) Automobile Engineering

The schedule of study of all programs is regulated by the Faculty of Engineering, Osmania University

(Note: The details of college wise B.E. Programmes offered every academic year can be obtained from respective colleges.)

- 2.3** Candidate who fails to fulfill all the requirements for the award of the degree as specified hereinafter within eight academic years from the time of admission, will forfeit his/her seat in the program and his/her admission will stand cancelled automatically.

### **3 ATTENDANCE**

- 3.1** Candidates admitted to a particular programme of study are required to pursue a "Regular programme of study" before they are permitted to appear for the University Examination.
- 3.2** "A regular programme of study" means putting in attendance of not less than 75%.

- 3.3 a) In special cases and for sufficient cause shown, the Vice-Chancellor may, on the specific recommendation of the Principal/Head of the Department, condone the deficiency in attendance to the extent of 10% on medical grounds subject to submission of medical certificate and payment of condonation fee.
- b) However, in respect of women candidates who seek condonation of attendance due to pregnancy, the Vice-Chancellor may condone the deficiency in attendance to the extent of 15% (as against 10% Condonation for others) on medical grounds subject to submission of medical certificate to this effect. Such condonation Permitted only once during the programme of study.
- 3.4 The fee for condonation of attendance on medical grounds shall be **Rs.1000/-payable** through Demand Draft drawn in favour of The Dean, Faculty of Engineering, Osmania University, Hyderabad and payable at Hyderabad.
- 3.5 Attendance of N.C.C/N.S.S Camps or Inter collegiate or Inter University or Inter State or International matches or debates or Educational Excursions or such other Inter University activities as approved by the authorities involving journeys outside the city in which the college is situated will not be counted as absence. However, such absence shall not exceed four weeks in the total period of Instructions. Such leave should not be availed twice during the program of study.
- 3.6 The attendance shall be calculated on the aggregate attendance of all the courses offered during the semester and reckoned from the date of commencement of classes / date of readmission in case of detained candidates as per the almanac communicated by The Dean, Faculty of Engineering, Osmania University.

3.7 In case of the candidates who fail to put in the required attendance in a program of study, he/she shall be detained in the same class and will not be permitted to appear for the University examination. Such candidates shall have to seek readmission into the same class during the subsequent year in order to appear for the examination after fulfilling the attendance requirements, and on payment of requisite tuition fee.

3.8 a) Candidates admitted to the first year through an entrance test and do not have the requisite attendance but have not less than 40% attendance can seek readmission without once again appearing for the entrance test.

b) In respect of candidates of such programs where the admissions are governed through an entrance test, candidates of 1 year 1 semester who do not have the minimum 40% attendance would lose their seat and they will have to seek admission afresh by appearing at the entrance test once again.

#### 4 SCHEME OF INSTRUCTION AND EXAMINATION

4.1 Instruction in the various courses in each semester of all the four years, shall be provided by The Dean Faculty of Engineering, O.U. as per the Schemes of Instruction and syllabi prescribed.

4.2 The distribution of marks for **Continuous Internal Evaluation (CIE)** and the **Semester End Examination (SEE)** shall be as follows:

Course	Continuous Internal Evaluation (CIE)	Semester End Examination (SEE)
Each theory Course	30**	70****
Each practical or drawing Course for which 2 periods/week are provided in the Scheme of Instruction	25***	50
Each practical or drawing course for which 4 Periods /week are provided in the scheme of instruction	50***	50
Project	50#	100##

Note: Semester End Examination (SEE) means University Examination.

4.3 Based on combined marks (i.e. CIE + SEE) obtained by the candidate, Letter Grades are awarded as shown in the Table below. Corresponding Grade Points are also shown in the Table.

Academic Performance	Letter Grade	Grade Points
90 % and above	S	10
80 % and above but less than 90%	A	09
70 % and above but less than 80%	B	08
60 % and above but less than 70%	C	07
50 % and above but less than 60%	D	06
40 % and above but less than 50%	E	05
Below 40 %	F	0

4.4 \*\*Out of 30 sessional marks for Theory Course, 10 marks are allotted for Assignments /Quizzes etc. At least two Assignments and one Quiz are to be conducted. The rest of the 20 marks are allotted for Internal Tests to be awarded as stated below.

Two internal tests will be conducted in each semester. Each test will carry 20 marks, out of which 6 marks are for Part-A consisting of objective and short answer questions and 14 marks are for Part-B consisting of subjective questions. Average of two tests plus marks obtained in assignments/quizzes etc. will constitute the marks obtained by individual candidate under CIE.

4.5 \*\*\*Out of 25 or 50 CIE marks for Practical / Drawing course, 10 or 20 are allotted for viva-voce examination and 15 or 30 marks are awarded for class performance, record and observations.

4.6 \*\*\*\*The question paper for SEE will be in two parts, viz., Part-A and Part-B. Part-A (20 marks) is compulsory and it consist of 8 to 10 questions (short answer) covering the entire syllabus. Part-B (50 marks) consist of five questions (long answer) covering all the units of syllabus.

4.7 # Out of 50 marks under CIE, 25 marks are awarded by the Guide/Supervisor and remaining 25 are awarded by the subject expert committee constituted by the concerned Head of the Department.

**4.8** ## The evaluation of BE project for maximum of 100 marks will be done as per guidelines given below:

- (i) **40 Marks** are allocated for quality of the project work covering  
(a) Literature review, (b) Innovation / Originality,  
(c) Methodology and (d) Relevance / Practical application.
- (ii) **30 Marks** are allocated to Report writing /Documentation.
- (iii) **30 Marks** are allocated for candidates performance in terms of his/her viva-voce examination and overall subject knowledge.

**Note:** A course which is evaluated based on CIE with no University Examination as per the scheme is treated as Pass when the candidate obtains 50% in CIE.

**4.9** The details of instruction period, examination schedule, vacation etc. shall be notified by The Dean, Faculty of Engineering, O.U.

**4.10** The medium of instruction and examination shall be English.

**4.11** At the end of each semester, Semester End Examination shall be conducted as prescribed in the respective Schemes of Examination. The examinations pertaining to the semester conducted immediately after the semester is termed as Main Examinations and the examinations pertaining to the other semesters conducted there after will be called as Supplementary Examinations.

**4.12** To enable the B.E. Final Year students to complete the program requirements in time, there shall be a Make-up Exam, for VIII semester only, which will be scheduled within one month after publication of results of VIII semester Main Examinations.

**4.13.** All the examination in Theory Course shall be conducted as written examination for a duration as prescribed in the Scheme of Examination. The examination in Laboratory Courses shall be conducted as written + oral together with carrying out the experiments as required in the specific Laboratory Course and for the specified duration. Laboratory record of experiments conducted during semester is also required to be produced at the semester end examination. For project work (mini or major), the related document (Report) is to be produced at the time of oral examination.

**4.14.** All the general rules for examinations (given under 9) shall be adhered to.

4.15. A candidate shall be deemed to have fully passed a course (Theory/Practical), if he/she secures not less than the minimum marks/grade as prescribed. Minimum pass marks / grade in the University Examinations (SEE) plus CIE shall be.

- (i) Each Theory Subject 40% - E Grade
- (ii) Each Practical Course and Project work 50% - D Grade
- (iii) Drawing Course treated as practical/ Lab.Course 50% - D Grade

**Important Note:** The candidate has to appear at the Semester End Examination (SEE) in all the Practical/Laboratory / Drawing Courses compulsorily irrespective of marks secured under CIE.

4.16. If a candidate in any semester examination of the program fails to secure the minimum marks/grade in any subject, then he/she shall have to appear only in the failed course of the semester.

## V RULES OF PROMOTION

Rules of promotion are as under:

Sl. No.	Semester/Class	Conditions to be fulfilled for Promotion	
1.	From I Semester to II Semester	Regular program of study of BE I Semester	
	From II Semester to III Semester	a) Regular program of study of BE II Semester b) Must have earned at least 50% of credits prescribed for BE I Semester and II Semester put together. The number of credits a candidate can have as backlogs are as under.	
	For Example	No. of credits prescribed for I Sem and II Sem	No. of credits permitted as backlogs*
		43/44	22
		45/46	23
	47/48	24	
2.	From III Semester to IV Semester	Regular program of study of BE III Semester	
3.	From IV Semester to V Semester	a) Regular program of study of BE IV Semester b) No. of backlog credits, if any of BE I,II,III and IV Semester put together shall not exceed 50% of the total number of credits prescribed for the BE III & IV Semester	
	For Example	No. of credits prescribed for III & IV Semester	No. of credits permitted as backlogs
		43/44	22
		45/46	23
	47/48	24	
4.	From V Semester to VI Semester	Regular program of study of BE V Semester	
5.	From VI Semester to VII Semester	a) Regular program of study of BE VI Semester b) No. of backlogs, if any of BE I to VI Semester put together shall not exceed to 50% of the total number of credits prescribed for the BE V & VI Semester	
	For Example	No. of credits prescribed for V and VI Semester	No. of credits permitted as backlogs
		43/44	22
		45/46	23
	47/48	24	
6.	From VII Semester to VIII Semester	Regular program of study of BE VII Semester	



- \*Notes:** 1. If a candidate has more than permitted number of credits as backlogs, he/she will be detained. The candidate who wishes to take readmission into the year in which he/she is detained has to pay the total tuition fee of that year and all the credits earned during that year shall become null and void.
2. If the number of credits permitted as backlogs is not a whole number, the credits are rounded to next higher digit/whole number.

## 6 GRADING SYSTEM

- 6.1** Candidates who have passed all the examinations of the B.E. Degree Program shall be awarded Division in accordance with the grades secured by them in all eight Semesters taken together, including the CIE marks secured in those semesters.

The Grade secured by the candidate will be shown in the Memorandum of Marks as per his/her performance both in SEE and CIE together and as per the norms indicated in clause 4.3.

A minimum Cumulative Grade Point Average (CGPA) of 5 is required for the award of Degree. The consolidated memorandum of marks will reflect the Credits & Grade obtained by the candidates in all the course of B.E. Programme.

### 6.2 Semester Grade Point Average (SGPA) & Cumulative Grade Point Average (CGPA) Calculations:

$$(a) \text{ SGPA} = \frac{\sum (\text{Letter Grade Point} \times \text{Credits})}{\sum \text{Credits}}$$

SGPA is calculated upto second decimal point

SGPA is calculated only when all subjects in that semester are Cleared / Passed

$$(b) \text{ CGPA} = \frac{\sum [(\text{SGPA}) \times (\text{Total Credits})]}{\sum (\text{Total Credits})}$$

CGPA at a given point of Semester is calculated upto second decimal point

CGPA is calculated only when total credits earned are equal to total credits prescribed as per scheme up to a semester in which the candidate has last appeared for Semester End Examination.

## **7 AWARD OF DEGREE**

The degree of Bachelor of Engineering will be conferred on candidate who has pursued a regular program of study of four academic years as hereinafter prescribed in the Scheme of Instruction and has passed all the examinations as prescribed in the Scheme of Examinations

### **7.1 Award of Division**

CGPA 7.5 and above	<b>First Class with Distinction</b>
CGPA 6.5 and above but less than 7.5	<b>First Class</b>
CGPA 5.5 and above but less than 6.5	<b>Second Class</b>
CGPA 5.0 and above but less than 5.5	<b>Pass Class</b>

### **7.2 Award of Gold Medal**

A student securing highest CGPA in **single attempt** is eligible for award of Gold Medal.

## **8 IMPROVEMENT OF OVERALL SCORE**

**8.1** A candidate who wishes to improve his/her Overall score may do so within one academic year immediately after having passed all the examinations of the B.E. degree program, by reappearing at not more than two semesters (all subjects pertaining to the semester taken together) examinations. For the award of the Overall score, he/she will have the benefit of the higher of the two aggregates of marks / grades secured in the corresponding semester(s).

**8.2** In case of candidates who have secured CGPA less than 5 may appear for improvement in individual subjects, to become eligible for the award of Degree within one year from the date of completion of VIII semester.

## **9 GENERAL RULES OF EXAMINATIONS**

- 9.1** Application for permission to appear at every examination shall be made on the prescribed form, accompanied by three passport size full face photographs (not profile) which along with the necessary certificates regarding attendance, practical work, etc., and the prescribed fee, should be sent to the Controller of Examination, (COE) O.U through the Principal of the College where the candidate is enrolled as a regular student.
- 9.2** When a candidate's application is found in order and he/she is eligible to appear at an Examination, the the COE, O.U. shall furnish him with a Hall-Ticket, enabling the candidate to appear in the Examination, and this Hall-Ticket shall have to be produced by the Candidate before he/she is admitted to the premises where the Examination is conducted.
- 9.3** A Candidate who does not present himself/herself for the examination for any reason whatsoever, excepting shortage of attendance, shall not be entitled to claim refund of the whole or part of the examination fee, for subsequent Examination(s).
- 9.4** A candidate after he/she has been declared successful in the whole examination, shall be given a Provisional Certificate indicating the year of examination, the programme in which he/she was examined and, the overall Grade (CGPA) secured. However, the candidates have to obtain Degree Certificate (convocation) from the University Examination branch as per the notification issued by it.
- 9.5** No candidate shall be allowed to put in attendance for multiple programme and appear at examinations for the same simultaneously.
- 9.6** Students who have appeared once at any examination of the program need not put in fresh attendance, if they wish to reappear at the corresponding examination, not withstanding the fact that the university may have introduced new courses. They will, however, have to appear at the examinations according to the scheme of examination and syllabi in force.

## 10. TRANSITORY REGULATIONS

Whenever a the or Scheme of Instruction is revised / modified in a particular semester/year, two more examinations immediately following thereafter shall be conducted according to the old syllabus /regulations. Candidates not appearing at the examinations or failing in them shall take the examination subsequently according to the revised syllabus and regulations.

\*\*\*\*\*

**MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF MATHEMATICS**

**REMEDIAL CLASSES FOR MATHEMATICS-I FAILURES**

**NOTICE**

All B.E I-Year, Mathematics-I failures are requested to attend Remedial classes from 3.45pm to 5pm in Room No 1313 as given below.

<b>Date</b>	<b>Name of the faculty</b>	<b>Topics</b>
8 <sup>th</sup> Apr, 2019	Dr.Syed Amanullah Hussaini	Unit-I: P-series test, comparison test, Ratio test, Root test and Leibnitz test
9 <sup>th</sup> Apr, 2019	Ms.Ismath Aijaz	Unit-II: Mean value theorems, Taylor's theorem, Jacobean
12 <sup>th</sup> Apr, 2019	Mrs.V.Vimala	Unit-IV: Double and triple integrals

*maheed*  
2/4/2019  
Time table I/C

*[Signature]*  
2/4/19  
DEAN(ACADEMICS)

*[Signature]*  
ADVISOR-CUM-DIRECTOR

*1 year students only*

BRANCH	DAY/TIME		Roll number of students	FACU
CIVIL-A	DAY-4 (1:45-3:45 PM)	Every Thursday till the semester concludes	5,13,14,18,20,23,24,26,32,35,41,44,45,47,58,59 <i>Room No. 1212</i>	Dr.Ab
CIVIL-B	DAY-4 (1:45-3:45 PM)	Every Thursday till the semester concludes	61,63,64,71,73,74,77,79,80,83,86,89,90,92,95,96,97,98,99,101,102,103,105,106,109,110,115,116,122,123 <i>R.No 4308</i>	Dr.An
CSE-A	DAY-5 (2:00-4:00PM)	Every Friday till the semester concludes	28,36,44,52,58 <i>Room no. 1312</i>	Ismat
CSE-B	DAY-5 (2:00-4:00PM)	Every Friday till the semester concludes	72,73,78,86,87,97,103,105,108,114,119 <i>Room no. 1312</i>	Ismat
EEE	DAY-4 (1:45-3:45 PM)	Every Thursday till the semester concludes	3,5,14,15,16,18,20,23,29,50,55,59 <i>Room no. 1313</i>	V.Vim
ECE-A	DAY-2 (1:45-3:45 PM)	Every Tuesday till the semester concludes	4,9,19,22,28,31,34,37,38,40,42,43,44,45,49,52,53,54,58,59,60	Dr.Ra
ECE-B	DAY-2 (1:45-3:45 PM)	Every Tuesday till the semester concludes	63,66,69,74,75,76,78,82,90,91,94,96,102,103,105,109,111,116,117,119,120	Dr.Ra
MECH-A	DAY-3(1:45-3:45 PM)	Every wednesday till the semester concludes	17,19,21,22,29,35,38,41,42,43,44,46,50,51,54,	V.Vim
MECH-B	DAY-3(1:45-3:45 PM)	Every wednesday till the semester concludes	66,73,77,79,85,88,91,95,97,98,102,104,105,108,109,111,114,115,116,117,118	V.Vim
IT-A	DAY-4 (1:45-3:45 PM)	Every Thursday till the semester concludes	6,12,21,25,30,37,40,44,52 <i>Room No. 4308</i>	Dr.An
IT-B	DAY-5 (2:00-4:00 PM)	Every Friday till the semester concludes	76,78,79,80,83,95,102,104,110,114,115,116,118 <i>Room No. 5206</i>	Dr.An
PROD	DAY-4 (1:45-3:45 PM)	Every Thursday till the semester concludes	1,7,8,9,10,11,13,14,17,18,19,20,23,24,26,29,30,31,32,33,34,35,36,37,38,39,42,43,44 <i>Room no. 1212</i>	Dr.Ab
EIE	DAY-5 (2:00-4:00PM)	Every Friday till the semester concludes	4,5,8,9,11,12,14,15,16,19,20,21,23,26,27,28,29,31,33,36,37,38,41,42,43,44,45,46,49,51,52,53,54,55,56,57,58,59	Ismat

Dean(Academics)

Advisor-cum-Director

Room Nos:  
 civil-A & Prod → 1212  
 civil-B & IT-A → 4308  
 CSE-A, CSE-B & EIE → 1312  
 ECE-A & ECE-B → 5209  
 EEE → 1313  
 mech-A & mech-B → 1413  
 IT-B → 5206

**MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF MATHEMATICS**

**REMEDIAL CLASSES FOR MATHEMATICS-II FAILURES**

**NOTICE**

All B.E II-Year, Mathematics-II failures are requested to attend Remedial classes on Mondays i.e 23<sup>rd</sup> Sep, 30<sup>th</sup> Sep and 14<sup>th</sup> Oct, 2019 from 3.45pm to 4.45pm as per the schedule given below.

Room No	Name of the faculty	Sections	Roll Nos
4203	Dr.Abdul Majeed	ECE-A	1604-18-735-033, 049
		ECE-B	1604-18-735-082, 089, 095, 098, 101, 110, 120
		EEE	1604-18-734-005, 016, 026, 049, 050, 053, 055, 060
4204	Ms.Ismath Aijaz	CIVIL-A	1604-18-732-010, 024, 027, 031, 041, 046, 049, 051
		CIVIL-B	1604-18-732-064, 067, 068, 080, 083, 089, 091, 094, 098, 101, 107, 114, 116
		PROD	1604-18-738-003, 012, 016, 019, 020, 021, 026, 044, 045, 046, 048, 050, 059
4205	Dr.Syed Amanullah Hussaini	MECH-A	1604-18-736-030,052,059
		MECH-B	1604-18-736-070,72,87,90,93,099,102,103,105,108,111,112,115,118
		CSE-A	1604-18-733-006,031
		CSE-B	1604-18-733-069,078,080,093,105,117
4206	Mrs.V.Vimala	IT-A	1604-18-737-021,051
		IT-B	1604-18-737-065,068,074,090,100
		EIE	1604-18-739-022,023,035,037,044,045,046,060

*Majeed*  
17/9/19  
Head-H&S

*Ar*  
17/9/19  
DEAN(ACADEMICS)

*Sahab*  
ADVISOR-CUM-DIRECTOR



# MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

## ELECTRICAL ENGINEERING DEPARTMENT


Date: 29/10/2019

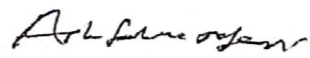
### NOTICE

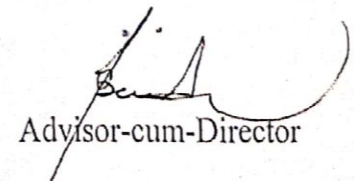
### B. E. I SEMESTER

The remedial classes for **Basic Electrical Engineering** are arranged for the students as per the schedule given below. The students other than the Roll Nos. given if interested can also attend the same. The remedial classes starts from 02/11/2019 and will continue till the end of semester. The remedial classes will be conducted in the respective class rooms.

S. No.	Branch	Roll No.	No. of students	Faculty	Day Period
1.	ECE - A	09, 30, 31, 34, 37, 42, 43, 44, 45, 49, 54, 58, 60	13	Mr. G. Ravi Kiran	Day 4 Thursday 5,6 Period
2.	ECE - B	63, 66, 74, 79, 82, 90, 92, 94, 96, 97, 99, 102, 103, 105, 111, 116, 117, 118, 119, 120	20	Mr. K. Md. Rafi	Day 6 Saturday 5,6 Period
3.	Mech. - A	19, 24, 29, 30, 32, 34, 35, 36, 37, 42, 44, 46, 47, 51, 53, 60	16	Mr. Md. Jaffar	Day 2 Tuesday 5,6 Period
4.	Mech. - B	64, 66, 75, 78, 85, 88, 91, 95, 97, 102, 104, 108, 111, 116,	14	Dr. Md. Sajid	Day 2 Tuesday 5,6 Period
5.	IT - A	06, 08, 09, 11, 12, 21, 25, 27, 30, 34, 40, 41, 43, 44, 48, 49, 52, 56, 58, 60	20	Mrs. Bibi Maryam	Day 2 Tuesday 5,6 Period
6.	IT - B	66, 67, 73, 76, 78, 79, 80, 82, 95, 99, 102, 103, 104, 110, 111, 114, 115, 117, 118	19	Mr. P. K. Joshi	Day 1 Monday 5,6 Period
7.	Prod.	001 to 046	46	Mr. Arshad Mohammad	Day 1 Monday 5,6 Period

  
Head, EED

  
Dean Academics

  
Advisor-cum-Director



MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES TIME TABLE FOR ALL WEAK STUDENTS 2018-19

Class: B.E II-Semester

*mathematics-II*

w.e.f: 1-4-2019

	1	2	3	4	5	6
	09:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 01:00	1:45 - 2:45	2:45 - 3:45
DAY 1					ECE-A (AM)	
DAY 2	CIV-A (IA)				MECH-B (SAH)	EIE (VV)
DAY 3	CIV-B (IA)				EEE (V.VIMALA)	MECH-A (SAH)
DAY 4	IT-B(VV) CSE-A(RS) PROD(IA)					IT-A (VV)
DAY 5					CSE-B(SAH) ECE-B(AM)	

L U N C H

*project*  
TIME TABLE INCHARGE

*Benu*  
ADVISOR-CUM-DIRECTOR

# Muffakham Jah College of Engineering and Technology

## FIRST YEAR RESULT STATEMENT

2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
46.7%	34.5%	37.3%	56.6%	44.4%	72.8%
NO BMT	NO BMT	NO BMT	NO BMT	NO BMT	<b>BMT</b>

BMT: Bench Mark Test