

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

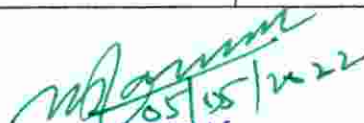
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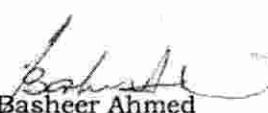
October 18, 2019

**R&D CELL**

**LIST OF R & D COMMITTEE MEMBERS**

S.No	Name of the Committee Member	Designation	email.Id	Mobile No.
1	Dr. Basheer Ahmed (Advisor-cum-Director, MJCET)	Chairman	<a href="mailto:Drbasheer.ahmed@gmail.com">Drbasheer.ahmed@gmail.com</a>	9849455423
2	Dr. (Mrs.) Ishrat Meera Mirzana (Professor, MED)	Convener	<a href="mailto:ishratmirzana@mjcollege.ac.in">ishratmirzana@mjcollege.ac.in</a>	9014876704
3	Dr. Ashfaqe Jafari (Dean Academics, MJCET)	Member	<a href="mailto:Jafari64@gmail.com">Jafari64@gmail.com</a>	9246292205
4	Dr. Syed Ferhatullah Hussainy (Dean Administration, MJCET,	Member	<a href="mailto:hussainysf@mjcollege.ac.in">hussainysf@mjcollege.ac.in</a>	9246292204
5	Dr. A.A. Moiz Qyser (Professor & Head, CS&ED)	Member	<a href="mailto:aamoiz@mjcollege.ac.in">aamoiz@mjcollege.ac.in</a>	9885454513
6	Dr. Md. Haseeb Khan (Professor & Head, EE&ED)	Member	<a href="mailto:haseebkhaneed@mjcollege.ac.in">haseebkhaneed@mjcollege.ac.in</a>	9849316285
7	Dr. (Mrs.) Uma N. Dulhare (Professor, CS&ED)	Member	<a href="mailto:Uma.dulhare@mjcollege.ac.in">Uma.dulhare@mjcollege.ac.in</a>	9603225511
8	Dr. Mohd Hamraj (Professor & Head, CED)	Member	<a href="mailto:hamraj@mjcollege.ac.in">hamraj@mjcollege.ac.in</a>	9290929482
9	Dr. (Mrs.) Mousmi Ajay Chaurasia (Professor & Head, ITD)	Member	<a href="mailto:mousmi.chaurasia@mjcollege.ac.in">mousmi.chaurasia@mjcollege.ac.in</a>	9160146701
11	Dr. Md. Arifuddin Sohel (Professor & Head, EC&ED)	Member	<a href="mailto:arif.sohel@mjcollege.ac.in">arif.sohel@mjcollege.ac.in</a>	98854070974
12	Dr. (Mrs.) J. Namratha Manohar (Professor EE&ED), Member	Member	<a href="mailto:j.namratha@mjcollege.ac.in">j.namratha@mjcollege.ac.in</a>	9948699507
13	Dr. Abdul Majeed Professor, Mathematics & Head, Basic Sciences & Humanities	Member	<a href="mailto:Abdulmajeed.maths@mjcollege.ac.in">Abdulmajeed.maths@mjcollege.ac.in</a>	9297258266

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

### R&D Cell funded projects (2019-2020)

This year, 33 project proposals were submitted from various departments seeking R & D funding. Out of which, **Fifteen** projects of total amount Rs.8,40,915/- (Phase –I ) were approved for funding after review on 26<sup>th</sup> October, 2019.

The following is the list of sanctioned projects:

**1) Title of the project: AI based pest detection and control system using thermal image sensing (EED)**

Project team: 1. Mohammed Imroz Khan (1604-16-739-030), 2. Abrar Mohammed (1604-16-739-050), 3. Mohammed Afrozuddin (1604-16-739-036), 4. Mohammed Abdul Gafoor (1604-16-737-104), 5. Syed Muzammil Hussain (1604-16-737-099)

**Project guide:** Mr. Arshad Mohammed, Assistant Professor, EED

Sanctioned amount: Rs.35,500/-

**2) Title of the project: IoT based high concentrated photovoltaic solar lighting system (EED)**

Project team: 1. Zeba Urooj (1604-17-739-001), 2. Maslehuddin Siddiqui (1604-17-739-009), 3. Abdul Muqet (1604-17-739-021), 4. Minhaj (1604-18-739-005), 5. Imroz (1604-16-739-031)

**Project guides:** (i) Mr. Arshad Mohammed, Assistant Professor, EED and (ii) Md. Jaffer, Assistant Professor, EED

Sanctioned amount: Rs.57,700/-

**3) Title of the project: Low cost solar street lighting system (EED)**

Project team: 1. Md. Mahmood (1604-16-739-060), 2. Syed Abdul Anas (1604-17-739-026), 3. Ali Khan (1604-17-739-301), 4. Saad Naseeruddin (1604-16-739-023)

**Project guides:** (i) Md. Jaffer, Assistant Professor, EED, (ii) Mr. Arshad Mohammed, Assistant Professor, EED and (iii) Mr. Md. Umair Quadri, Assistant Professor, EED.

Sanctioned amount: Rs.38,500/-

**4) Title of the project: Forward / Reverse mechanically latched contractor (EED)**

Project team: 1. Syed Yousuf Abdullah (1604-16-734-301), 2. Syed Mohd Dawar Hussain (1604-16-734-310), 3. Mohammed Noorul Hassan Salman (1604-16-734-051), 4. Mirza Akram Baig (1604-16-734-039)

**Project guide:** (i) Mr. Mohammed Sajid, Assistant Professor, EED

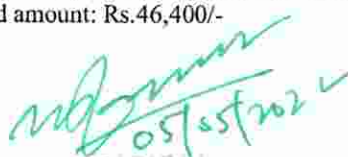
Sanctioned amount: Rs.26,500/-

**5) Title of the project: Object tracking and surveillance using quadcopter (EED)**

Project team: 1. B. Chaitanya Roy (1604-18-739-010), 2. Syed Nabeel Ahmed (1604-18-739-017)

**Project guide:** (i) Mrs. P. Bharathi, Assistant Professor, EED

Sanctioned amount: Rs.46,400/-

  
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**6) Title of the project: Smart plotting mechanism (ITD)**

Project team: 1. Zehra Taher Saleem (1604-17-737-035), 2. Aakifah sultana (1604-17-737-017), 3. Nafeesa (1604-16-737-018), 4. Mushraf Ahmed (1604-17-737-096), 5. Mohd. Talha Haseeb (1604-17-737-104)

**Project guide:** (i) Dr. Rafi Uz Zaman, Associate Professor, ITD  
Sanctioned amount: Rs.39,000/-

**7) Title of the project: Swarm intelligence (ITD)**

Project team: 1. Ibrahim Ali(1604-16-738-003), 2. Syeda Manal (1604-16-737-007),3. Mujtaba Khan (1604-16-737-028), 4. Abdul Rahman Malik (1604-16-737-034), 5. Anshul Bhatia (1604-16-737-042), 6. Abdul Rahman (1604-16-737-050)

**Project guides:** (i) Dr. Devasish Pal, Professor, ITD and (ii) Md. Ibrahim Khaleelullah, Assistant Professor, ITD.  
Sanctioned amount: Rs.81,000/-

**8) Title of the project: Holo interactive bloke (ITD)**

Project team: 1. Kiran Lakhani (1604-17-737-002), 2. Renish Sundrani (1604-16-737-047), 3. Syeda Hiba Siraj (1604-18-737-070),4. Isra Azizunissa (1604-18-737-016),5.Syed Tauseef Ahmed (1604-18-737-025)

**Project guides:** (i) Dr. Mousmi Ajay Chaurasia, Professor & Head, ITD and (ii) Mohd. Abdul Rasheed, Assistant Professor, ITD.  
Sanctioned amount: Rs.78,000/-

**9) Title of the project: Single use plastic to fuel conversion system (MED)**

Project team: 1. Shahid Dhamani (1604-16-736-064), 2. Uroosa Fatime (1604-16-736-003),3. Deeksha Rana (1604-16-736-001), 4. Mohd. Raheemuddin Ahmed (1604-16-736-063)

**Project guides:** (i) Dr. Ishrat Meera Mirzana, Professor, MED and (ii) Dr. M.G.V. Satyanarayana, Assistant Professor, Chemistry Dept.  
Sanctioned amount: Rs.85,000/-

**10) Title of the project: Aerial Surveillance Robird (MED)**

Project team: 1. Syed Ishaq Shahzad (1604-17-736-028),2. Kausar Zaidi (1604-17-735-005),3. Mohammad Ghouse Mohiuddin (1604-17-735-096), 4. Khaja Asad ullah (1604-17-735-034), 5. Syed Azhar Hussain Quadri (1604-17-733-082)

**Project guides:** (i) Dr. (Mrs.) G. Sailaja, Assistant Professor, MED and (ii) Mrs. B. Sucharita, Assistant Professor, ECED  
Sanctioned amount: Rs.61,581/-

**11) Title of the project: Upper Exo-skeleton (MED)**

Project team: 1. Syed Absar ul Haq(1604-16-736-109),2. Abdullah(1604-16-736-103), 3. Taha Naveed Shibli(1604-16-736-097), 4. Muralidhar Nallapati(1604-16-736-105), 5.Mujtaba Khan(1604-16-737-028), 6. Mohammed Fazal Rahman Pasha(1604-17-735-113), 7.Syeda Azra Mohi(1604-17-735-068), 8.Mohammed Waseem(1604-17-735-032), 9. Khaja Asad Ullah(1604-17-735-034), 10. Mohammad



Ghouse Mohiuddin(1604-17-735-096), 11.Kausar Zaidi(1604-17-735-005), 12.Syed Ishaq Shehzad(1604-17-736-028), 13. Hafsa Taneem(1604-16-736-005)

**Project guides:** (i) Dr. K. Hemalatha, Assistant Professor, MED, (ii) Mrs. B. Sucharitha, Assistant Professor, ECED and (iii) Mr. Shaik Rasool, Assistant Professor, ITD  
Sanctioned amount: Rs.60,000/-

**12) Title of the project: Experimental and CFD analysis of various airfoil profiles used in wind turbines (MED)**

**Project team:** 1. R. Venkat (1604-18-736-063), 2. Akshay Kolli (1604-18-736-064), 3. Mirza Rizwan Ali Baig (1604-18-736-065), 4. Mohd. Abdul Mateen (1604-18-736-086)

**Project guide:** (i) Mr. S. Irfan Sadaq, Assistant Professor, MED  
Sanctioned amount: Rs.43,050/-

**13) Title of the project: Smart Mirror (CSED)**

**Project team:** 1. Hafsa Taneem (1604-16-733-066), 2. Uroosa Sania (1604-16-733-080), 3. Syed Shah Nooruddin Hussain (1604-16-733-087), 4. Moiz Ali Bhayani (1604-16-733-119), 5. Syed Abdul Saboor Sohail (1604-16-736-023)

**Project guide:** (i) Mr. Mohammed Abdul Raheem, Assistant Professor, CSED  
Sanctioned amount: Rs.36,000/-

**14) Title of the project: Synergitic Articulated Robotic Manipulator (SARM) (ECED)**


**Project team:** 1. Syed Taha(1604-16-735-112), 2.Mohammed Wael(1604-16-735-114), 3.Syed Absar ul Haq(1604-16-736-109), 4.Abdullah(1604-16-736-103), 5.M. Nida Fatima(1604-16-735-008), 6. Sana Kausar(1604-16-735-003), 7. Mohammed Zia Ahmed Khan(1604-17-736-070), 8.Mohammed Abrar(1604-17-736-026), 9. Mohammed Mishab Zarrar(1604-17-733-084), 10.Syed Azhar Hussain Quadri(1604-17-733-082)

**Project guide:** (i) Dr. Kaleem Fatima, Professor, ECED (ii) Ms. Maliha Naaz, Assistant Professor, ECED and (iii) Mrs. Krishna Keerthi Channam, Assistant Professor, ITD  
Sanctioned amount: Rs. 77,500/-

**15) Title of the project: LAIRA (GIMMIC 3.0)- Low End Artificial Intelligence Robotics Assistant (ECED)**

**Project team:** 1.Rizwana Tabassum(1604-16-735-066), 2.Bushra Fathima(1604-16-735-072), 3.Mohd. Tanzil Bilal(1604-16-735-090), 4.Mohammed Rehan Hussain Khan(1604-17-735-053), 5.Mohd. Safwan Hussain(1604-17-735-023), 6.Md. Aneeq Ur Rahman(1604-17-735-024), 7.Moin Khan(1604-17-735-111), 8.Mohd Abdul Aziz(1604-17-735-020), 9.Syed Sohaib Ali(1604-17-735-026), 10.Mohammed Shoeb(1604-17-735-019), 11.Mirza Ibrahim Baig(1604-17-738-303), 12.Mohd Shahzaib Ashher(1604-18-735-044), 13.Mohammed Ameer(1604-18-735-019), 14.Mohd. Abdul Khader(1604-18-735-096)

**Project guides:** (i) Dr. Mohammed Arifuddin Sohel, Professor & Head, ECED and (ii) Mrs. B. Sucharita, Assistant Professor, ECED  
Sanctioned amount: Rs. 75,184/-

  
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### 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 (1604-16-737-028)

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

  
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**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/-

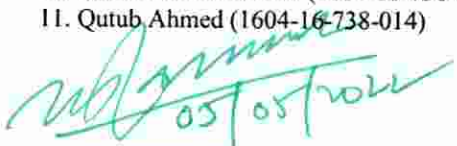
**9) Title of the project: 3D Map Generating Autonomous Bot (MED)**

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)

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

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

**11) Title of the project: GIMMICK- 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 (1604-17-735-024)
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 Soheli (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)

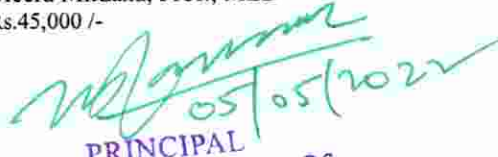
**Project guide:** I. (i) Mr. Toufeeq Anwar., Asso. Prof., CED and II. (i) Mr. Syed Jawwad Ahmed, Asst. Prof., CED.  
Sanctioned amount: Rs.1,00,000 /-

**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 /-

  
05/05/2022  
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### 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 Jibran (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 Iftekar (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 Soheli, Head & Prof., ECED, (ii) Mrs. Aijaz Fatima, Asso. Prof., EED and (iii) Dr. Viqar Mohiuddin, Asso. Prof., MED.  
Sanctioned amount: Rs.32,380/-

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

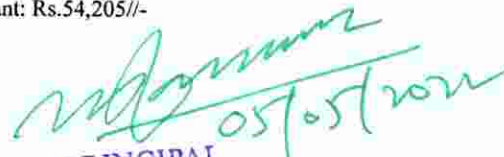
Project team: 1. Shwana (1604-14-735-014)  
2. Mohd Saber (1604-14-735-018)  
3. Qudsia Masood (1604-14-735-040)  
4. Naheed Fatima (1604-14-735-062)  
5. Zeshan Adbul Majeed Azmi (1604-14-735-082)  
6. Syed Abrar (1604-14-735-117)  
7. Atif Furqan (1604-14-736-080)  
8. Mohd. Abdul Khaliq (1604-14-736-078)

**Project guides:** (i) Dr. Arifuddin Soheli, 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/-

  
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**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 Taqiuddin 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/-

  
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**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 /-



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MHRD'S  
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(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



## 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

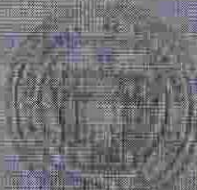
**Shri. R. Subrahmanyam**  
Secretary, MHRD

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

25/05/2022  
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TIME SEVA



2019

GOVERNMENT OF TELANGANA  
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**, 17-1-2117/B/3/ Santhosh Nagar/ Hyderabad/ Saidabad/ Hyderabad/ Telangana/ India/ has been entered in the Register of Firms at [No. 1764 of 2019] at Hyderabad (South).



Hyderabad (South)

*[Signature]*

REGISTRAR OF FIRMS

Date: 01/07/2019

Signature Valid

Digitally signed  
by MAHESH  
BANDARI RAO  
Date: 2019.07.01  
16:00:00 +05'30'

*[Signature]*  
05/05/2022  
PRINCIPAL  
Muffakham Jah College Of  
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Banjara Hills, Road No. 3,  
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GOVERNMENT OF TELANGANA  
REGISTRATION AND STAMPS DEPARTMENT  
THE REGISTRAR OF FIRMS  
Hyderabad (South)

TSVSAA 39544615

## 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 MALRA ID  
RAVINDER RAO  
Date: 2019.03.05  
13:47:55 IST

*[Handwritten signature]*  
05/05/2022

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Banjara Hills, Road No. 3,  
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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 MJCT 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

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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,

M. Muzammil

Director of INFINZI Traders Pvt.Ltd.

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

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HYDERABAD-500 034.(T.S.)



GOVERNMENT OF TELANGANA

REGISTRATION AND STAMPS DEPARTMENT

SGGCC 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, / Mehdi patnam/ Hyderabad/ Asifnagar/ Hyderabad/ Telangana/ India/ has been entered in the Register of Firms as [No : 140 of 2019] at Hyderabad (South).



Hyderabad (South).

Date: 10/01/2019



*[Signature]*

REGISTRAR OF FIRMS

Signature valid

Digitally signed  
by MALPAO  
RAVINDER RAO  
Date: 2019.01.10  
10:59:55 IST

*[Handwritten signature]*  
05/05/2022

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GOVERNMENT OF TELANGANA

FORM - A

SEE RULE - 5

(Maintained Under Section 59 of the Indian Partnership Act, 1932)

1. Serial Number of Firm :	[No : 140 of 2019]
2. Name of the Firm :	TRINDEC TECHNOLOGIES
3. Duration of Firm From :	04/01/2019
4. Duration of Firm To:	At Will

Principal Place of Business for the Firm

12-2-823/C/72, Sbi Colony, / Mehdiapatnam, Hyderabad/ Asifnagar/ Hyderabad/ Telangana/ India/

Partner Details for the Firm

Name	Address	Joining Date
MOHAMMED ARIFUDDIN SOHEL	12-2-823/6/3, Flat No. 303, / Mehdiapatnam, Hyderabad/ Nampally/ Hyderabad/ Telangana/ India/	07/01/2019
MOHAMMED NABEEL IDREES	17-6-307, Dabeerpura, Charmina/ Yakutpura, Hyderabad/ Charminar/ Hyderabad/ Telangana/ India/	07/01/2019
SHEIK NAJMAH PARVEEN	297, Hig, Road NO.8, / Madhava Nagar, Bhe Township, Ramachandrapuram/ Medak/ Medak/ Medak/ Telangana/	07/01/2019

Page 2 of 3

*[Signature]*  
05/05/2022  
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## GOVERNMENT OF TELANGANA

SHEIK NAJMAH PARVEEN	India/	07/01/2019
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### Document Details

Document Type	Document Name
Self signed	DECLARATION1.pdf
Form-1 English	f1.pdf
Lease Deed	REGIRENTALAGREEMENT.pdf
Partnership deed	partnershipdeed.pdf



Page 3 of 3

152413299520190105

*[Signature]*  
25/05/2022  
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**INTELLECTUAL  
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

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

क्रमांक : 044113145  
SL No :



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 :

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Banjara Hills, Road No. 3,  
HYDERABAD-500 034 (T.S.)

पेटेंट नियंत्रक  
Controller of Patent

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.





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



**भारत सरकार  
GOVERNMENT OF INDIA**

एकस्य कार्यालय / THE PATENT OFFICE  
बौद्धिक सम्पदा भवन / I.P.O. BUILDING  
जी.एस.टी.रोड, गिन्डी / 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 में, \ 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

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 उपरान्त 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.

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Banjara Hills, Road No. 3,  
HYDERABAD-500 034.(T.S.)



**Muffakham Jah College of Engineering and Technology**  
**Students Professional and Technical Chapters and Societies**

S.No	Student Body	Chief Coordinator's (Student) Name	Faculty Advisor
1	IEEE	Sameer Baig	Prof. Md. Arifuddin Sohel
2	ICI	Syed Abdul Hai	Mr. Toufeeque Anwar
3	MJCEC	Tuba Mohsin	Prof. Syed Farhatullah Hussaini
4	ECell	Khizir Rizvi	Prof. Syed Farhatullah Hussaini
5	MSS	Ayesha Humera	Mr. Ahmed
6	ACM	Mir Faraz Ali	Prof. A.A. Moiz Qyser
7	IGBC	Mohammed Ataullah Adil	Mr. Nazim Raza
8	EWB	Mohammed Faseehuddin	Prof. Ishrat M. Mirzana
9	SAE	Ahmed Owais	Prof. Md. Viqar Mohiuddin
10	CSI	Rukhsar Solkar	Mr. Zainuddin Naveed
11	Orators' Club	Muneeb Mohiuddin	Dr. Shabana Thainiyat
12	IE(I) EIE	Faraz Ali Khan	Prof. Shaik Qadeer
13	IE(I) CIVIL		Mr. Barkat Ali Khan
14	Team Robocon MJCET	Mojiz Siddiqui	Prof. Md. Arifuddin Sohel
15	Robotics Club	Ifrahur Rahman	Prof. Md. Arifuddin Sohel

  
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## SAE Chapter Student Activities

SAE-MJCET *student chapter* has organized an ENGINE ASSEMBLY workshop for the students of Mechanical and Production engineering on 2<sup>nd</sup> and 3<sup>rd</sup> February, 2019 in the SAE Student Activity Centre where Syed Murtuza Quadri, Vice chief Coordinator of SAE MJCET chapter demonstrated the functioning of each component of Maruti 800 internal combustion engine by disassembling all the parts of the engine and assembling them back again in correct sequence for the students to understand the real world applications components practically.



*Syed Murtuza Quadri, Vice chief Coordinator demonstrating the functionality of Maruti 800 Internal Combustion engine*

*M. J. Quadri*  
05/05/2022

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## EWB Chapter Student Activities:

Activities of Engineers Without Borders MJCET chapter this year are as follows:

1. Airtel Marathon - August 2018, Around 250 volunteers participated in conducting the event.
2. Ethical Hacking - October 12 and 13th, 2018, conducted in coordination with Innovate Invent Edu Tech Pvt Ltd.
3. EWB MJCET Chapter won the best presentation award in All India EWB Chapters meet conducted in December, 2018.
4. A seminar on Engineers - As agents of Social Change by Dr. Raj Rajaram, USA, on Jan 28th, 2018. Mr. Bharat Maharaj, Chairman, EWB-India and on-site project manager of Pratt & Whitney, USA was also present for the event.



Dr. Raj Rajaram, USA presented a talk on Engineers as agents of social change.

5. TSE conference was conducted on 22nd-24th March, 2019. Dr. Showkath Ali Mirza, EWB-India Director was the chief guest for the event.

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Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021101322

The Commissioner of Patents has granted the above patent on 21 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Upendra Kumar Mummadi of (Professor), Dept. of CSE, Muffakham Jah College of Engineering and Technology Hyderabad India

Karthik V of (Assistant Professor), Information Science and Engineering, Ramaiah Institute of Technology Bengaluru 560094 India

Vijay Kumar Damera of (Research Scholar), CSE JNTUH Hyderabad India

Santhosh Reddy P. of (Assistant Professor), Computer Science and Engineering, Sai Vidya Institute of Technology Bengaluru India

Gowtham Mamidiseti of Computer Science and Engineering, Presidency University Bengaluru India

Shyam Sunder Pabboju of (Assistant Professor), Dept. of CSE Mahatma Gandhi Institute of Technology Hyderabad India

Anuj Rapaka of Dept. of CSE, Sri Vishnu Engineering College for Women Andhra Pradesh India

Ch. Suresh Babu of (Associate Professor), Dept. of IT Gudlavalleru Engineering College Andhra Pradesh India

G. Shanmugarathinam of (Associate Professor), Computer Science and Engineering Presidency University Bengaluru India

**Title of invention:**

AWS-Cloud Data (EC2) (Amazon Web Services) Performance improvement using Machine and Deep Learning Programming

**Name of inventor(s):**

Mummadi, Upendra Kumar; V., Karthik; Damera, Vijay Kumar; Reddy P., Santhosh; Mamidiseti, Gowtham; Pabboju, Shyam Sunder; Rapaka, Anuj; Babu, Ch. Suresh and Shanmugarathinam, G.

**Term of Patent:**

Eight years from 14 March 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



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Dated this 21<sup>st</sup> day of April 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

**Extracts from the Patents Act, 1990**

**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

**Sec 128 Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

- (a) a declaration that the threats are unjustifiable; and
- (b) an injunction against the continuance of the threats; and
- (c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

**Sec 129A Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

*Certain threats of infringement proceedings are always unjustifiable.*

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

*Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent*

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

*Courts power to grant relief in respect of threats made by the patentee of certified innovation patent*

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**Schedule 1 Dictionary**

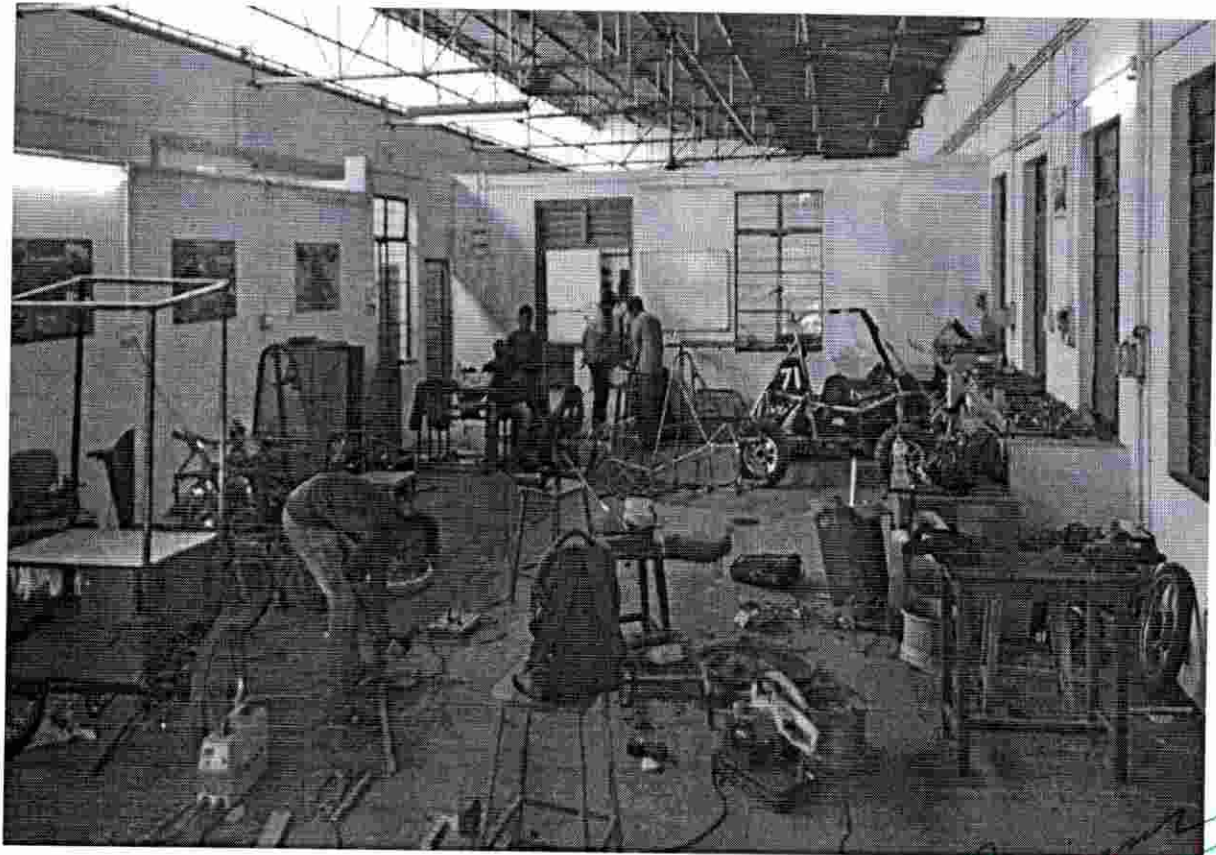
**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



## Centre for Vehicle Design and Fabrication

Centre for Vehicle Design and Fabrication is established to provide platform and facilities to the students having interest in automotive sector. Centre provides facilities to the students taking projects in design and fabrication of vehicles or the student teams participating in inter state or National level competitions of vehicle building. The centre was inaugurated by Janab Khan Mohammed Lateef Khan Saheb, Hon. Chairman, Janab Waliullah Saheb, Vice Chairman, Janab Zafar Javeed Saheb, Hon. Secretary, and board members of S.U.E.S. on 21<sup>st</sup> September, 2018.

All SAE-MJCET club activities are also carried out from this centre. Till date our students fabricated All terrain vehicles, Formula racing vehicle, Go-carting vehicles, electric vehicles, solar vehicles and All terrain bike and participated in many national level competitions or events like SAE Baja, SAE Supra, Quad Torq, Go-karting championships, etc. Dr. Mohd. Viqar Mohiuddin, Professor and Associate Head, MED and Dr. D. Srinivas Rao, Professor, MED look over all the activities associated with the centre.



*Centre for Vehicle Design and Fabrication*


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Name of the Event : **World Environment Day**

Dates : June 5,2021

List of Participants

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