

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 /-