

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. 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 /-