

**BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI**

Ref.: DAP (Sem.)/2016-17/89

Date: 02/12/2016

NOTICE

B.E. and M.E. /M.Tech. Students whose project proposals have been approved by the Institute is enclosed in the list along with the amount sanctioned for each project.



(Dr. B. K. Singh)
Dean (AP)

Copy to:

1. Concerned Head of the Departments - with a request to circulate amongst students and the concerned guide(s)
2. All Deans
3. Registrar
4. Dy. Comptroller/Dy. Finance Officer.
5. PS to the Vice-Chancellor.
6. File
7. Notice Board
8. Institute website (Dean - Academic Programmes)

Encl.:

1. List of Sanctioned Projects.

LIST OF APPROVED PROJECTS FOR THE B.E. AND M.E./M.TECH. FINAL YEAR STUDENTS (2016-17)

| Projects | No. | Amount |
|--------------|-----------|---------------------|
| UG | 53 | 2,003,891.00 |
| PG | 27 | 2,199,782.00 |
| Total | 80 | 4,203,673.00 |

| Sl. No. | Name of the Student(s) | Roll No. | | Project Title | Name of the Guide(s) | Project (UG/PG) | Amount Proposed | Amount Sanctioned |
|---------|-------------------------|---------------|----------------|---|---|-----------------|-----------------|-------------------|
| 1 | Rakhi Sharma | ME/10002/2015 | Chemical Engg. | Effect of Catalysts on Pyrolysis process of Mixed plastic wastes to fuel | Dr. G.T. Mohanraj | PG | 100,000 | 100,000 |
| 2 | Manas K Mithun | ME/10001/2015 | Chemical Engg. | Tech. Improvement & optimization of Industrial Methylalcoholamine production using process simulation | Dr. Raghuraja P.K. | PG | 100,000 | 100,000 |
| 3 | Chandana Kuruganty | BE/10653/13 | Chemical Engg. | Development of novel heat transfer nanofluid through suspending metal nano particles into an alcohol base. | Dr. Raghu Rana P.K. Prof.Padmini Padmanaban (Bio Engg.) | UG | 50,000 | 50,000 |
| | Deblina De | BE/10512/13 | | | | | | |
| | Anmol Agarwal | BE/10589/13 | | | | | | |
| 4 | Prerna | BE/10130/13 | Chemical Engg. | An Experimental and Computational study of pyrolysis for vitrinite rich part of Indian sub bituminous coal. | Dr. Dharmendra Pandey | UG | 45,000 | 45,000 |
| | Saket Kumar | BE/10280/13 | | | | | | |
| | Manish Kumar Chandan | BE/10775/13 | | | | | | |
| 5 | Ankit Kumar | BE/10747/13 | Chemical Engg. | Development of novel architected poly(m-aminophenol) carbon nanofibre electrodes for high performance super | Dr. Arup Choudhury | UG | 50,000 | 50,000 |
| | Anupam Kumar | BE/10542/13 | | | | | | |
| | Sukriti Sinha | BE/10756/13 | | | | | | |
| 6 | Abhay Kumar | BE/10525/13 | Chemical Engg. | Design fabrication and trial run of integrated parboiling and drying unit | Dr. Anupam Roy | UG | 50,000 | 50,000 |
| 7 | Prakriti | BE/10618/13 | Chemical Engg. | Studies on Preparation of an environment friendly corrosion | Prof. Gautam Sarkhel | UG | 48,251 | 48,251 |
| | Shivani Purty | BE/10739/13 | | | | | | |
| 8 | Devesh Kothari | BE/10753/13 | Chemical Engg. | Development of Mica Based pearlescence pigment by hydrothermal treatment | Dr. Akhil Kumar Sen | UG | 50,000 | 50,000 |
| | Sony Kachhap | BE/10789/13 | | | | | | |
| | Rita Rani Xalxo | BE/10576/13 | | | | | | |

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|---------|------------------------|-------------|------------------|--|--|-----------------|-----------------|-------------------|
| 9 | Sourav Agarwal | BE/10782/13 | Chemical Engg. | Synthesis of Superabsorbent Polymer Composite for coal dewatering | Dr. Gautam Sarkhel Dr. Akhil Sen | UG | 50,000 | 50,000 |
| | Shambhavi Sahay | BE/10197/13 | | | | | | |
| | Akshat Kumar | BE/10529/13 | | | | | | |
| 10 | Siddant Gaurav | BE/10767/13 | Chemical Engg. | PVC heat sink compound | Dr. Pulak Datta | UG | 50,000 | 50,000 |
| | Amit K Choubey | BE/10710/13 | | | | | | |
| | Udvhav | BE/10748/13 | | | | | | |
| 11 | Aditya Kujur | BE/10532/13 | Chemical Engg. | Development of low cost, non toxic, biodegradable additives for water mist | Dr. A K Sen | UG | 50,000 | 50,000 |
| | Sachin Paswan | BE/10578/13 | | | Dr. (Mrs.) M. Mukherjee | | | |
| 12 | Nishant Bhaedwaj | BE/10725/13 | Chemical Engg. | Synthesis and Charecterisation of PVA /Gelatin blend bio nanocomposite for bio medical application | Dr. (Mrs.) Sudipta Goswami | UG | 44,560 | 44,560 |
| 13 | Raunil Raj | BE/10740/13 | Chemical Engg. | Effect of fillers on barrier properties of polypropylene for flexible packaging | Dr. (Mrs.) Sudipta Goswami | UG | 50,000 | 50,000 |
| | Vikas Kumar | BE/10741/13 | | | | | | |
| 14 | Akhaury Nikhil Verma | BE/10600/13 | Production Engg. | Development of Controller for Mitsubishi RM-501 | Dr. Rajeev Agarwal | UG | 49,450 | 49,450 |
| | Harshdeep Kanhai | BE/10507/13 | | | | | | |
| 15 | Kumar Amber | BE/10412/14 | CSE | Object detection and Tracking in 3-D (Point Cloud Library) | Dr. Inder Deo Ram | UG | 10,000 | 10,000 |
| | Saket Kr. Singh | | | | | | | |
| | Akash Sinha | | | | | | | |
| 16 | Ashish Gaurav | BE/10408/13 | CSE | Track Alumni Website for Bitians | Dr. Sandip Datta, Dr. Abhijit Mustafi | UG | 50,000 | 50,000 |
| | Rajat Goyal | BE/10013/13 | | | | | | |
| | Saurav Tiru | BE/10606/14 | | | | | | |
| | A Nikhil Verma | BE/10600/13 | | | | | | |
| 17 | Ashish Gaurav | BE/10408/13 | CSE | Setting up New Intranet Based Mail Server in BIT Mesra | Dr. Sandip Datta, Dr. Abhijit Mustafi | UG | 50,000 | 50,000 |
| | A Nikhil Verma | BE/10600/13 | | | | | | |
| | Aditya Vikram Singh | BE/10439/14 | | | | | | |
| | Pulkit Chawla | BE/10628/14 | | | | | | |
| 18 | Ashish Gaurav | BE/10408/13 | CSE | Achievement Tracking Website for Bitians | Dr. Sandip Datta, Dr. Abhijit Mustafi | UG | 50,000 | 50,000 |
| | Rajat Goyal | BE/10013/13 | | | | | | |
| | Saurav Tiru | BE/10606/14 | | | | | | |
| | Dewang Sultania | BE/10224/14 | | | | | | |

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|---------|-------------------------|-----------------|------------------|---|---|-----------------|-----------------|-------------------|
| 19 | Ashish Gaurav | BE/10408/13 | CSE | Ideapool -A Collaboration Intranet Website for Maintaining Software Projects and Research Papers | Dr. Sandip Datta, Dr. Abhijit Mustafi | UG | 50,000 | 50,000 |
| | Rajat Goyal | BE/10013/13 | | | | | | |
| | Pankaj K. Agarwal | BE/10068/13 | | | | | | |
| | A Nikhil Verma | BE/10600/13 | | | | | | |
| 20 | Aishwarya Jaiswal | BE/IT10728/13 | CSE | Restaurant Communication System using Digitalized Menu | Mrs. Akriti Nigam | UG | 19,600 | 19,600 |
| | Sneha Verma | BE/IT/10167/13 | | | | | | |
| | Ayesha Mundu | BE/IT/10582/13 | | | | | | |
| | Pallavi Kongari | BE/CSE/10602/13 | | | | | | |
| 21 | Prashant Kumar Yadav | ME/MEC/1008/15 | Mechanical Engg. | Heat Transfer Enhancement of Condenser by Using Nano-Tubes | Mr. S.K. Dhiman | PG | 113,000 | 100,000 |
| 22 | Asim Ahmed | ME/MEC/10003/15 | Mechanical Engg. | To Analyse Ignition Delay of Dual Fuel Diesel Engine with Hydrogen as Secondary Fuel | Dr. D.B. Lata | PG | 75,000 | 75,000 |
| 23 | Rinni Rao | ME/MEC/10002/15 | Mechanical Engg. | Experimental and Computational Study of Heat Transfer over fin lining at Subcritical range of Reynolds Number | Mr. S.K. Dhiman | PG | 98,000 | 98,000 |
| 24 | Gaurav Kumar | ME/MEC/10004/15 | Mechanical Engg. | Development of Hardware-in-Loop setup for benchmarking of robot controllers | Mr. Arun Dayal Udai | PG | 145,000 | 100,000 |
| 25 | Sanjeev Kumar | ME/MEC/10019/15 | Mechanical Engg. | Analysis of performance and emission of dual-fuel engine taking hydrogen as secondary fuel | Dr. D.B. Lata | PG | 81,800 | 81,800 |
| 26 | Law Kashyap | ME/MEC/10018/15 | Mechanical Engg. | Design and Development of Stewart Platform for Industrial Application | Mr. Arun Dayal Udai | PG | 140,000 | 100,000 |
| 27 | Abhishek Rai | BE/10080/13 | Mechanical Engg. | Design and Modification of Shell Tube Heat Exchanger Test Rig | Mr. Sushil Kumar Dhiman | UG | 43,100 | 43,100 |
| | Harsh | BE/10082/13 | | | | | | |
| | Chandra Prakash | BE/10096/13 | | | | | | |
| | Amit Kaushal | BE/10218/13 | | | | | | |
| 28 | Md. Zaid Hussain | BE/10002/13 | Mechanical Engg. | Design and Fabrication of Semi Automatic Gear Shifter | Dr. Paritosh Mahata Dr. Ashok Kumar Mandal | UG | 22,800 | 22,800 |
| | Abhay Bansal | BE/10407/13 | | | | | | |
| | Ch. Sai Dinesh | BE/10415/13 | | | | | | |
| | Sanket Niras | BE/10475/13 | | | | | | |

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|---------|------------------------|-------------|------------------|--|--|-----------------|-----------------|-------------------|
| 29 | Hritwik Shikla | BE/10261/13 | Mechanical Engg. | Design and Development of a Ball Balancing Robot | Mr. Arun Dayal Udai | UG | 49,150 | 49,150 |
| | Gulsan Kumar | BE/10312/13 | | | | | | |
| | Sanchit Sinha | BE/10375/13 | | | | | | |
| 30 | Suraj Kumar Seth | BE/10027/13 | Mechanical Engg. | Design and Fabrication of Solar Tank Top water Purifier | Mr. Arun Dayal Udai | UG | 5,900 | 5,900 |
| | Vinay Toppo | BE/10029/13 | | | | | | |
| | Naveen Oraon | BE/10030/13 | | | | | | |
| | Manish Kumar Jha | BE/10259/13 | | | | | | |
| 31 | Sujith Samuel Samson | BE/10443/13 | Mechanical Engg. | Non-conventional Laser Assisted/Nicrome Wire CNC | Mr. Arun Dayal Udai Dr. D. Mahato | UG | 37,350 | 37,350 |
| | Raheel Farooqui | BE/10464/13 | | | | | | |
| | Saad Raja | BE/10190/13 | | | | | | |
| | Mohammed Fahim | BE/10041/13 | | | | | | |
| 32 | Aekansh Srivastava | BE/10342/13 | Mechanical Engg. | Analysis of resonance of Karman Vortex Street | Dr. Sankha Bhaduri | UG | 7,600 | 7,600 |
| | Anoop D. Kulkarni | BE/10354/13 | | | | | | |
| | H. Chiranth | BE/10400/13 | | | | | | |
| | Shubham Jhamb | BE/10418/13 | | | | | | |
| 33 | Rahul Kumar | BE/10091/13 | Mechanical Engg. | Design and fabrication of wind-solar hybrid power generation | Mr. B.K. Prabhakar | UG | 11,750 | 11,750 |
| | Om Prakash Singh | BE/10188/13 | | | | | | |
| | Priyansh Agarwal | BE/10275/13 | | | | | | |
| | Navneet Kumar Das | BE/10318/13 | | | | | | |
| 34 | Md. Saif Ulla Khan | BE/10544/13 | Mechanical Engg. | Design and development of a mini-solar refrigerator as a power conserving device | Dr. Dhaneshwar Mahto | UG | 12,500 | 12,500 |
| | Chinmaya H. Nerkar | BE/10549/13 | | | | | | |
| | Rohit Nuli | BE/10626/13 | | | | | | |
| 35 | G.Sanketh Reddy | BE/10459/13 | Mechanical Engg. | Design and Implementation of Active Vibration Control System | Dr. Sankha Bhaduri | UG | 15,000 | 15,000 |
| | P. Praveen | BE/10323/13 | | | | | | |
| 36 | Harshit Vyas | BE/10411/13 | Mechanical Engg. | Manufacturing of in-house chassis dynamometer and validation of intake assembly of a college formula student | Dr. Arbind Kumar - I Dr. Arbind Kumar -II | UG | 94,500 | 50,000 |
| | Rohit Bharadwaj | BE/10240/13 | | | | | | |
| | Aditya Mishra | BE/10463/13 | | | | | | |
| 37 | Aman Tiwari | BE/10392/13 | Mechanical Engg. | Design optimization of a car underbody diffuser for obtaining maximum downforce | Dr. Sudip Das (SER) | UG | 47,000 | 47,000 |
| | Trilok Meena | BE/10471/13 | | | | | | |
| | Satyam Tripathy | BE/10456/13 | | | | | | |

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|---------|------------------------|-------------|------------------|---|--|-----------------|-----------------|-------------------|
| 38 | A. Manideep | BE/10557/13 | Mechanical Engg. | Design modification and fabrication of Prusa Mandel version of 3D Printer | Mr. Arun Dayal Udai | UG | 34,800 | 34,800 |
| | P. Ravi Raja | BE/10230/13 | | | | | | |
| | P. Saketh | BE/10485/13 | | | | | | |
| | J.Eshwar Balaji | BE/10562/13 | | | | | | |
| 39 | Gyanendra Singh | BE/10303/13 | Mechanical Engg. | Design of thermodynamic heating and cooling system | Dr. Praveen Mishra | UG | 40,500 | 40,500 |
| | Ritika Tirkey | BE/10200/13 | | | | | | |
| | Suraj Oraon | BE/10401/13 | | | | | | |
| | Abhay Ekka | BE/10225/13 | | | | | | |
| | Marshall Soren | BE/10271/13 | | | | | | |
| 40 | Banjop Syiemlieh | BE/10193/13 | Mechanical Engg. | Design of Automatic Blackboard cleaner | Dr. Rajeev Kumar | UG | 10,600 | 10,600 |
| | Sunny Ranjan | BE/10201/13 | | | | | | |
| | Rohit Raj | BE/10208/13 | | | | | | |
| | Shubham Kumar | BE/10212/13 | | | | | | |
| 41 | Binit Gaurav | BE/10109/13 | Mechanical Engg. | Design and Fabrication of four wheel steering system | Dr. Rajeev Kumar | UG | 40,800 | 40,800 |
| | Rangeet Bhattacharya | BE/10127/13 | | | | | | |
| | Indrajeet Prasad | BE/10245/13 | | | | | | |
| | Gowtham Teja K. | BE/10430/13 | | | | | | |
| | Sai Sandeep Barada | BE/10438/13 | | | | | | |
| 42 | Md. Shuja | BE/10001/13 | Mechanical Engg. | Design and fabrication of electrically heated blanket | Dr. Risha Pandey | UG | 25,710 | 25,710 |
| | Satyam Srivastava | BE/10031/13 | | | | | | |
| | Ravi Sinha | BE/10032/13 | | | | | | |
| | Alok Kumar | BE/10385/13 | | | | | | |
| 43 | Gurtej Singh | BE/10682/13 | Mechanical Engg. | Hydrogen as dual fuel diesel engine using exhaust gas recirculation | Dr. D.B. Lata | UG | 31,000 | 31,000 |
| | Sarthak Sharma | BE/10493/13 | | | | | | |
| | Abhishek Kumar | BE/10498/13 | | | | | | |
| | Kushang Pangotra | BE/10147/13 | | | | | | |
| 44 | Siddhant Sharma | BE/10011/13 | EEE | Simulation, Design & Hardware Realization of a Dual -Axis Inverted Pendulum | Subrat Kumar Swain Arun Dayal Udai (Mech) | UG | 48,070 | 48,070 |
| | Aaquib Reza Khan | BE/10097/13 | | | | | | |
| | Nilanjana Pramod | BE/10112/13 | | | | | | |
| | Naman Pandey | BE/10346/13 | | | | | | |
| 45 | V. Sarath Meghna | BE/10328/13 | EEE | Transliteration of Sign Language to Text and Speech for Speech-Impaired or | S.K. Swain | UG | 37,700 | 37,700 |
| 46 | Divya Sharma | BE/10468/13 | | | | | | |

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|---------|------------------------|----------------|-----|---|------------------------------------|-----------------|-----------------|-------------------|
| 47 | V. Sri Chakra Kumar | BE/10307/13 | EEE | Development of Overhead Computer Vision System For Automatic Navigation of Vehicles in Warehouse Arena | Dr. Nutan Lata Nath | UG | 49,910 | 49,910 |
| 48 | Anwasha Ghorai | BE/10732/13 | EEE | Adaptive Real-Time Parameter Estimation and Protection of Three | Dr. D.K. Mohanta Mr. Aftab Alam | UG | 49,550 | 49,550 |
| | Priyanka Mohanta | BE/10171/13 | | | | | | |
| | Apoorv Jain | BE/10644/13 | EEE | Cost-Effective and Automatic Battery Management System (BMS) | Dr. T.Ghose Mr. Aftab Alam | UG | 50,000 | 50,000 |
| | P Shreyas | BE/10609/13 | | | | | | |
| | G. Nikhil | BE/10374/13 | | | | | | |
| 49 | Ravi Kumar | BE/10066/13 | EEE | Vector Controlled Based Induction Motor Drive for Electric Vehicle (EV) | Mr. Aftab Alam | UG | 48,400 | 48,400 |
| | Harsh Saraf | BE/10163/13 | | | | | | |
| | Aishwarya Ray | BE/10018/13 | | | | | | |
| 50 | Ashruti Upadhyaya | BE/10308/13 | EEE | Denoising of MRI Images Using Evolutionary Neural Network | Dr. S.K. Mishra | UG | 56,355 | 50,000 |
| | Priya Sagar | BE/10594/13 | | | | | | |
| 51 | Amit Karmakar | ME/EE/10022/12 | EEE | Design of Power Converter for Hybrid Battery Charging of Electric Vehicle with Bidirectional Vehicle to Grid Power Flow | Dr. T.Ghose Mr. Aftab Alam | PG | 82,016 | 82,016 |
| 52 | Soumadeep Goswami | ME/EE/10035/15 | EEE | Induction Motor Drive Using Adaptive Controller | Mr. Aftab Alam | PG | 73,094 | 73,094 |
| 53 | Indranil Maiti | ME/EE/10019/15 | EEE | Design & Implementation of Synchro-Phasor Communication Test Bed using Microwave Technology | Dr. D.K. Mohanta Dr. R.C. Jha | PG | 102,000 | 100,000 |
| 54 | Bandan Kumar Panigrahi | ME/EE/10036/15 | EEE | Hardware Design & Implementation of Cuk Converter for Hybrid Electric Vehicle | Dr. P.R. Thakura | PG | 89,887 | 89,887 |
| 55 | Suvom Roy | ME/EE/10006/15 | EEE | Design & Implementation of Single Phase Grid Interactive Solar photo-Voltaic (SPV) System | Dr. T.Ghose | PG | 74,150 | 74,150 |

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| 56 | Tapas Kumar | ME/EE/10021/15 | EEE | Incorporation of Intelligence in an AC Drive with PLC monitored HMI Technology for the Precise Monitoring & Control of induction Motor used in Many Surveillance Based Application | Dr. S.K. Mishra Mr. S.K. Swain | PG | 96,300 | 96,300 |
| 57 | Shubham Anand | ME/EE/10023/15 | EEE | Design & Development of Bi-Directional Energy Meter | Dr. D.K. Mohanta Dr. Gebomita Ghosh | PG | 100,000 | 100,000 |
| 58 | Akash Singh | ME/EE/10014/15 | EEE | Design & Analysis of Multi Input Multi Output DC-DC Boost Converter | Mr. Aftab Alam | PG | 77,315 | 77,315 |
| 59 | Sirsendu Sekhar Mishra | ME/EE/10031/15 | EEE | Design of Controller & system Identification for Magnetic Levitation System in Raspberry PI platform | Dr. S.K. Mishra Mr. S.K. Swain | PG | 70,000 | 70,000 |
| 60 | Priya Kumari | ME/EC/10009/15 | ECE | Rectenna Design for RF Energy Harvesting in Wireless Sensor Networks | Mr. J. Sahay | PG | 100,000 | 100,000 |
| 61 | Priyanka | ME/EC/10021/15 | ECE | FILTENNA for Wireless Communication Applications | Dr. A.K. Tiwary | PG | 100,000 | 100,000 |
| 62 | Navneet Nayan | ME/EC/10004/15 | ECE | Real Time Event Detection and Target Detection in Sensor Networks | Dr. S. Kumar Dr. S.S. Sahu | PG | 95,000 | 95,000 |
| 63 | P Rahul | ME/EC/10011/15 | ECE | Economical Gigahertz Transverse Electromagnetic Cells | Dr. N. Gupta | PG | 90,000 | 90,000 |
| 64 | Aniravan Dutta | BE/10006/13 | ECE | Hand Gesture Recognition Based on Indian Sign Language using Custom Data Glove | Dr. S. Pal | UG | 47,000 | 47,000 |
| | Ravi Ranjan | BE/10084/13 | | | | | | |
| | Nancy Mishra | BE/10516/13 | | | | | | |
| 65 | Cherry Maskara | BE/10446/13 | ECE | Smart Health Monitor | Dr. Vishal H. Shah | UG | 49,260 | 49,260 |
| | Puja Shukla | BE/10061/13 | | | | | | |
| 66 | Aarushi Agarwal | BE/10556/13 | ECE | Development of Early Detection System for Parkinson Disease | Dr. S. S. Sahu | UG | 54,293 | 50,000 |
| | Mohammad Arif | BE/10677/13 | | | | | | |
| | Spriha Chandrayan | BE/10591/13 | | | | | | |
| 67 | Swagata Debroy | ME/CE/10006/15 | Civil & Evs Engg. | Assesment of the Behaviour of locally available soil as a probable liner material | Dr. Sudeshna Chakravarty | PG | 60,000 | 60,000 |

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|---------|------------------------|----------------|-------------------|---|--------------------------|-----------------|-----------------|-------------------|
| 68 | Nidhi Singh | ME/CE/10018/15 | Civil & Evs Engg. | Stabilisation of black cotton soil using corn cob ash and mining waste | Dr. Bindhu Lal | PG | 50,000 | 50,000 |
| 69 | Sandeep Mahto | ME/CE/10013/15 | Civil & Evs Engg. | Study of light weight transparent concrete made with ordinary portland cement and optical fibre | Dr. Jitu Kujur | PG | 38,460 | 38,460 |
| 70 | Kamal Kumar | ME/CE/10016/15 | Civil & Evs Engg. | Durability aspects of high strength concrete | Dr. Jitu Kujur | PG | 71,610 | 71,610 |
| 71 | Srijani Seth | ME/CE/10004/15 | Civil & Evs Engg. | Influence of industrial waste in setength characteristic of soft soil | Dr. Sudeshna Chakravarty | PG | 52,000 | 52,000 |
| 72 | Gyaneshwar Kumar | ME/CE/10001/15 | Civil & Evs Engg. | Eco friendly and cost effective concrete by replacement of cementitious material with lime and fine aggregate with surkhi | Mr. Mani Mohan | PG | 25,150 | 25,150 |
| 73 | Shashank Pandey | BE/10276/13 | Civil & Evs Engg. | Pervious concrete | Mr. Mani Mohan | UG | 29,000 | 29,000 |
| | Pawas Trivedi | BE/10421/13 | Civil & Evs Engg. | | | | | |
| | Grandhi Sai Bhaskar | BE/10650/13 | Civil & Evs Engg. | | | | | |
| 74 | Bivin C. Kurien | BE/10336/13 | Civil & Evs Engg. | Uplift Capacity of Obiliquely Loaded Helical screw anchor group in sand | Dr. Siddhartha Sengupta | UG | 33,770 | 33,770 |
| | Ashutosh Pathak | BE/10453/13 | Civil & Evs Engg. | | | | | |
| | Md. Adnan Farooque | BE/10506/13 | Civil & Evs Engg. | | | | | |
| 75 | Pradita Sharma | BE/10722/13 | Civil & Evs Engg. | Municipal wastewater treatment by combined electro-coagulation and electrochemical-fenton oxidation | Dr. R. Naresh Kumar | UG | 19,000 | 19,000 |
| 76 | Dhriti Birua | BE/10256/13 | Civil & Evs Engg. | Study on compressive strength and permeability of concrete made with flyash, waste plastic | Dr. Jitu Kujur | UG | 24,000 | 24,000 |
| | Ayushi | BE/10347/13 | Civil & Evs Engg. | | | | | |

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| 77 | Arvind Kr. Rajak | BE/10625/13 | Civil & Evs Engg. | To study the properties of Fibre Reinforced concrete and its use as alternative reinforced material cement | Dr. Arun Kumar | UG | 39,060 | 39,060 |
| | Ayush Binod | BE/10637/13 | Civil & Evs Engg. | | | | | |
| | Abhishek Singhal | BE/10646/13 | Civil & Evs Engg. | | | | | |
| 78 | Mayank Shekhar | BE/10072/13 | Civil & Evs Engg. | Experimental study on Geopolymer concrete made with fly ash, rice husk and partial replacement of sand by stone dust | Dr. Jitu Kujur | UG | 40,450 | 40,450 |
| | Sayantana Biswas | BE/10341/13 | Civil & Evs Engg. | | | | | |
| | Adarsh Aman | BE/10508/13 | Civil & Evs Engg. | | | | | |
| 79 | Divyanshu Shekhar | BE/10290/13 | Civil & Evs Engg. | Harnessing @Electricity from water in water distribution system@ (in pipe hydroelectric power system) | Dr. Anand Kumar Sinha | UG | 25,300 | 25,300 |
| | Harshit Choudhary | BE/10297/13 | Civil & Evs Engg. | | | | | |
| | Pankaj Saraswat | BE/10300/13 | Civil & Evs Engg. | | | | | |
| 80 | Himanshu Kumar | BE/10139/13 | Civil & Evs Engg. | Slope stability of open cast mine (case study of Jayant open cast mine & solutions regarding waste dump truck) | Dr. Indrajit Roy | UG | 11,000 | 11,000 |
| | Mannu Nayak | BE/10202/13 | Civil & Evs Engg. | | | | | |
| | Rishav | BE/10204/13 | Civil & Evs Engg. | | | | | |

Total Amount 4,358,821 4,203,673



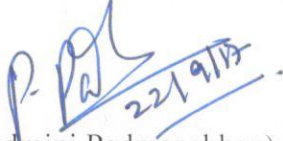
BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref.: Dean (AP)/2017-18/148

Date: 22/09/2017

NOTICE

B.E. and M.E. /M.Tech. final year Students whose project proposals (2017-18) have been approved by the Institute is enclosed in the list along with the amount sanctioned for each projects.


(Dr. Padmini Padmanabhan)
Dean (Academic Programme)

Copy to:

1. Concerned Head of the Departments – with a request to circulate amongst Students and the concerned Guide(s)
2. All Deans
3. Registrar
4. Dy. Comptroller/Dy. Finance Officer.
5. PS to the Vice-Chancellor.
6. File
7. Notice Board
8. Institute website (Dean – Academic Programme)

Encl.: List of Sanctioned Projects.

LIST OF APPROVED PROJECTS FOR B.E. AND M.E./M.TECH. FINAL YEAR STUDENTS (2017-18)

| Projects | No. | Amount |
|-----------------|------------|---------------------|
| UG | 37 | 1,335,575.00 |
| PG | 24 | 1,265,310.00 |
| Total | 61 | 2,600,885.00 |

| Sl. No. | Name of the Student(s) | Roll No. | Dept. | Project Title | Name of the Guide(s) | Project (UG/PG) | Amount Sanctioned |
|---------|------------------------|-----------------|-----------|---|---|-----------------|-------------------|
| 1 | Dhananjay Kumar | BE/10621/14 | Bio-engg. | Adsorption of Protein on various surfaces | Dr. S. Muthu Kumar | UG | 45,000.00 |
| 2 | Romit Choudhary | BE/10631/14 | Bio-engg. | Integrating system biology to bioprocesses for the industrial production of selected polyols from agrowastes | Dr. Padmini Padmanabhan Dr. Koel Mukherjee | UG | 50,000.00 |
| 3 | Maheshwari Chala | BE/10364/14 | Bio-engg. | Optimization of nutritional and physical parametrs for Stevioside glycoside formation from rhizobacterial isolate of <i>Stevia rebaudiana</i> | Dr. Sheela Chandra | UG | 50,000.00 |
| 4 | Dipali | ME/CHE/10004/16 | CHEM | Development and Testing of Oxygen Carriers for Chemical Looping Combustion from Natural Raw Oxides. | Dr. Raghu Raja Pandiyan Kuppusamy Dr. Arijit Biswas | PG | 100,000.00 |
| 5 | Shreya Verma | BE/10561/14 | CHEM | Titania coating on mica for pigment/extender applications in paints | Dr. A.K.Sen | UG | 20,000.00 |
| | Anikit Anand | BE/10576/14 | | | | | |
| 6 | Voruganti Sindhuja | BE/10683/14 | CHEM | Modelling of Rheo-Kinetics for Nano-Fill Thermoset Resins through Thermal and Rheological Characterization | Dr. R.R. Pandiya | UG | 20,000.00 |
| 7 | Tanmoy Sinha | BE/10338/14 | CHEM | Electrically conducting polymer-nano materials hybrid composites for Electromagnetic Interference Shielding Application | Dr. G.T. Mohan Raj | UG | 40,000.00 |
| 8 | S. Girish | BE/10584/14 | CHEM | Development of Bipolar Plate material Based on Polypropylene/graphite composite | Dr. G. Sarkhel | UG | 40,000.00 |
| | Pinto Boro | BE/10367/14 | | | | | |

PPK
22/9/18

| | | | | | | | |
|----|--------------------|----------------|------|---|----------------------------------|----|-----------|
| 9 | Lavanya Anand | BE/10169/14 | CHEM | Effect of Coal Ash Chemistry on quality of metallurgical Coke | Dr. M. Mukherjee Dr. A.K. Sen | UG | 40,000.00 |
| | Rishika Sehgal | BE/10062/14 | | | | | |
| | Rishab | BE/10239/14 | | | | | |
| 10 | P. Shyam Prasad | BE/10676/14 | CHEM | Development of edible "nutra-packaging" for enhancing shelf life of food | Dr. A. Roy | UG | 30,000.00 |
| | B. Marandi | BE/10672/14 | | | | | |
| 11 | Shiksha Das | BE/10180/14 | CHEM | Effect of the preparation methods on the catalytic activity of Ni-Fe/Al ₂ O ₃ catalyst for the CO ₂ Methanation reaction | Dr. D.M. Pandey | UG | 40,000.00 |
| | J.V. Baishnavi | BE/10611/14 | | | | | |
| | Rajesh | BE/10268/14 | | | | | |
| 12 | Puja Singh | BE/10700/14 | CHEM | Removal of Cyanide ion from waste water using suitable microorganism and low cost absorbent | Dr. C.K. Das | UG | 45,000.00 |
| | Vikram Mathur | BE/10620/14 | | | | | |
| 13 | Abhishek Kumar Rai | BE/10724/14 | CHEM | Development of interpenetrating Polymer networks based on Cardonal-formaldehyde and Acrylic resin. | Dr. S. Goswami | UG | 40,000.00 |
| | Kshamata Om | BE/10551/14 | | | | | |
| 14 | Aakanksha | BE/10701/14 | CHEM | Effect of Hybrid Fillers on the Mechanical, Thermal and Electrical properties of PP composites | Dr. J. Sudeepan | UG | 30,000.00 |
| 15 | Nikhil Ranjan | BE/10577/14 | CHEM | Facile fabrication of porous nanostructure nickel sulphides/Carbon nanofibre hybrid mat for flexible supercapacitor electrode | Dr. A. Choudhury | UG | 30,000.00 |
| | Surbhi Ranjan | BE/10615/14 | | | | | |
| | Sonu Chandwani | BE/10670/14 | | | | | |
| 16 | Anupam Ambuj | BE/10597/14 | CHEM | Development of Smart Polymeric Textile material for paratroopers | Dr. P. Datta | UG | 30,000.00 |
| | Rajat Gupta | BE/10669/14 | | | | | |
| | Anupam Mitra | BE/10661/14 | | | | | |
| 17 | Riti Singh | BE/10055/14 | CHEM | Reduction of caustic Soda Loss in the Red Mud residue | Dr. S.K. Jana | UG | 40,000.00 |
| | Sanjana Roy | BE/10061/14 | | | | | |
| | Subhodip Banerjee | BE/10519/14 | | | | | |
| 18 | Kislay Jha | BE/10044/14 | CHEM | Desulphurization of Coke Oven Gas | Dr. B.C. Ruidas | UG | 30,000.00 |
| | Anima Agarwal | BE/10296/14 | | | | | |
| 19 | Sukeerti Bansal | ME/CE/10003/16 | CEE | Soil Stabilisation using Sewage Sludge for Rural Road Construction. | Dr. Bindhu Lal | PG | 20,000.00 |
| 20 | Jyoti | ME/CE/10005/16 | CEE | Effect of Particle Breakage on Shear Behaviour of Sand. | Dr. Bindhu Lal | PG | 10,000.00 |
| 21 | Md. Farrukh | ME/CE/10006/16 | CEE | Performance Enhancement of Corroded Column using Fibre reinforced Polymer | Dr. Jitu Kujur | PG | 45,000.00 |
| 22 | Saurabh Kr. Sahu | ME/CE/10011/16 | CEE | Study of corrosion of Reinforcement in OPA and PSC Concrete Containing Silica Fumes against Chloride | Dr. Jitu Kujur | PG | 45,000.00 |

PPS
22/11/14

| | | | | | | | |
|----|------------------------------|-----------------|-----|--|----------------------------|----|-----------|
| 23 | Madhu Rani | MT/ENV/10001/16 | CEE | Heavy Metal Contamination Assessment for Soils and Varying Land Uses | Dr. Kirti Avishek | PG | 14,000.00 |
| 24 | Shweta Priya Prasad | MT/ENV/10002/16 | CEE | Monthly and Comparative Assessment of Surface Water Quality of Getalsud and Kanke Watershed in the basis of their Respective Water Quality Indices | Dr. Neeta Kumari | PG | 30,000.00 |
| 25 | Aditya Kr. Jha | MT/ENV/10004/16 | CEE | Degradation of Selective Azo Dyes used in Textile Industry using Bio Synthesized nZVI | Dr. Sukalyan Chakraborty | PG | 18,000.00 |
| 26 | Prakash Kumar | MT/ENV/10005/16 | CEE | Feasibility of Co-treatment of Dairy Wastewater and Municipal Wastewater using Sequencing Batch Biofilm Reactor | Dr. Jawed Iqbal | PG | 10,000.00 |
| 27 | Nil Madhav Banerjee | MT/ENV/10006/16 | CEE | Dairy Wasterwater Treatment by Combined Sequencing Batch Biofilm reactor and Electro-Fenton Process | Dr. R. Naresh Kumar | PG | 10,000.00 |
| 28 | Swadhina Priyadarshini Lenka | MT/ENV/10007/16 | CEE | Removal of Copper from Aqueous Solution by Redmud and Dolochar: A Comparative Analysis | Dr. Tanushree Bhattacharya | PG | 13,000.00 |
| 29 | Devanand Pd. Marandi | BE/10133/14 | CEE | Continuous Electrocoagulation Process for Treatment of Landfill Leachate | Dr. R. Naresh Kumar | UG | 33,000.00 |
| | Navneet Kumar | BE/10619/14 | | | | | |
| | Ravi Prakash | BE/10629/14 | | | | | |
| 30 | Ramdas Besra | BE/10316/14 | CEE | Environmental Quality Assessment of Subarnarekha River with reference to Various Land Use and Land Cover Pattern | Dr. Sukalyan Chakraborty | UG | 10,000.00 |
| | Deepak Kumar | BE/10517/14 | | | | | |
| | Raghwendra | BE/10691/14 | | | | | |
| 31 | Pawan Kumar | BE/10325/14 | CEE | Bio Concrete: The Self-Healing Concrete | Mr. Koushik Paul | UG | 17,000.00 |
| | Jitendra Kumar | BE/10332/14 | | | | | |
| | Sajeev Nirala | BE/10465/14 | | | | | |
| 32 | Animesh Sagar | BE/10382/14 | CEE | Design of Sewage Treatment Plant and Sewerage System for Birla Institute of Technology, Mesra | Mr. Koushik Paul | UG | 45,000.00 |
| | Aditya Vikram Singh | BE/10439/14 | | | | | |
| | Abhishek Roy | BE/10471/14 | | | | | |
| 33 | Vishal Kumar | BE/10442/14 | CEE | Uplift Capacity of Eccentrically Loaded Under-Reamed Pile group in Sand | Dr. Siddhartha Sengupta | UG | 33,000.00 |
| | Sumit Sagar | BE/10443/14 | | | | | |
| | Nilkesh Mahto | BE/10538/14 | | | | | |
| 34 | Sikha Gupta | MT/IS/10005/16 | CSE | Designing Efficient Intrusion Detection System | Dr. V. Bhattacharya | PG | 1,00,000 |
| 35 | Amit Kumar Choudhary | MT/CS/10005/16 | CSE | Multicast Routing Using Bio- Inspired Techniques | Dr. S. K. Sahana | PG | 1,00,000 |

| | | | | | | | |
|----|--------------------|------------------|-----|--|-------------------------------------|----|------------|
| 36 | Shabnam Firdaus | MT/CS/10007/16 | CSE | Developing A Machine Learning Based System for The Early Diagnosis Of Asthma | Dr. S. Mohapatra | PG | 49,560.00 |
| 37 | Rashmi Ritu Sharma | MT/IT/10006/16 | CSE | Green –IOT to aid the upcoming smart world | Dr. I. Snigdha | PG | 80,000.00 |
| 38 | Utkarsh | BE/10045/14 | CSE | Improvement in Modern Health Care System Using Cloud Computing and Wearable Devices | Dr. B. Karan | UG | 50,000.00 |
| | Ankit Prakash | BE/10280/14 | | | | | |
| 39 | Ria Saluja | BE/10058/14 | CSE | Fire Alarm Systems for Health care Facilities | Dr. V. K. Jha | UG | 50,000.00 |
| | Drishly | BE/10071/14 | | | | | |
| | Nisha Sayona Ekka | BE/10140/14 | | | | | |
| 40 | Abhisek Ghosh | BE/10005/14 | CSE | Obstacle Avoiding Robot | Mr. I. D. Ram | UG | 50,000.00 |
| | Greeshma Mathew | BE/10206/14 | | | | | |
| 41 | Shahid Ahmed | ME/ECE/10033/16 | ECE | Design and development of high gain broadband metasurface lens antenna | Dr. S Pal | PG | 100,000.00 |
| 42 | Priya Ranjan | ME/EC/10012/16 | ECE | Structural Damage assessment using FBG sensors based on lamb wave detection | Dr. S K Ghorai | PG | 97,500.00 |
| 43 | Priya Singh | ME/EC/10009/16 | ECE | Speech based access of agricultural dealers information in Jharkhandi Hindi Language | Dr. Mahesh Chandra | PG | 100,000.00 |
| 44 | Neha Nidhi | ME/EC/10021/16 | ECE | Design of cashless toll billing system using IOT | Dr. V Nath Dr. S S Solanki | PG | 100,000.00 |
| 45 | Premjeet Singh | ME/EC/10007/16 | ECE | Study of Bone conducted speech signal over wireless channel | Dr. M K Mukul | PG | 85,000.00 |
| 46 | Shikha Prakash | ME/EC/10019/2016 | ECE | Soil health monitoring using wireless sensor network | Dr. S S Sahu | PG | 100,000.00 |
| 47 | Divya Prakash | ME/EC/10032/16 | ECE | Increased BW of MEMS based energy harvesting | Dr. Sudip Kundu Mr. S Sengupta | PG | 85,000.00 |
| 48 | Nishant Mishra | BE/10102/14 | ECE | Integrated system for interconversion of speech and Indian sign language | Dr. Mahesh Chandra | UG | 50,000.00 |
| | Zainav Feroz | BE/10006/14 | | | | | |
| | Prasun Anand | BE/10158/14 | | | | | |
| 49 | Monish Krishna | BE/10430/14 | ECE | Malaria detection and severity estimation using foldscope and smartphone | Dr. S S Solanki Dr. S S Tripathy | UG | 9,500.00 |
| | Malla Praveen | BE/10490/14 | | | | | |
| | Vipul K | BE/10501/14 | | | | | |
| 50 | Ashwini Amitabh | BE/10134/14 | ECE | Wireless fingerprint attendance using ZIGBEE | Dr. Sanjay Kumar | UG | 17,160.00 |
| | Aman Kumar Lall | BE/10143/14 | | | | | |
| | Nikhita Singh | BE/10370/14 | | | | | |

 22/9/22

| | | | | | | | |
|----|----------------------|-----------------|-----|---|--|----|------------|
| 51 | Abhay Pratap Singh | BE/10493/14 | ECE | Design, Fabrication and characterization of MEMS based energy harvesting | Dr. Neela Chattoraj Dr. Sudip Kundu | UG | 50,000.00 |
| | Divyansh Sharma | BE/10468/14 | | | | | |
| | Aman Kumar | BE/10509/14 | | | | | |
| 52 | Ashwarya Prasad | BE/10115/14 | ECE | An early warning system for elephant intrusion | Dr. Kartik Mahto | UG | 28,930.00 |
| | Ankit Anand | BE/10476/14 | | | | | |
| | Nitesh Adhikarla | BE/10530/14 | | | | | |
| 53 | Nanduri A D. Sharma | BE/10518/14 | ECE | Design and development of solar power robust electronic smart lock using template based face detection technology | Dr. Sanjeet Kumar | UG | 48,000.00 |
| | U. Sandeep Swamy | BE/10363/14 | | | | | |
| | Harish Nerati | BE/10529/14 | | | | | |
| 54 | Jai Utkarsh | BE/10100/14 | ECE | Development of 100% Automated IVRS supporting Multilingual characteristic for instructional implementation | Mr. J Sahay | UG | 40,000.00 |
| | Raju Kumar Pandey | BE/10017/14 | | | | | |
| | Shrey Kumar Debey | BE/10460/14 | | | | | |
| 55 | Srivatsa Sinha | BE/10327/14 | ECE | Self driven car using CNN | Dr. S.S.Tripathy Mr. S.K.Swain | UG | 49,614.00 |
| | Shiladitya Biswas | BE/10081/14 | | | | | |
| | Gajal Vasita | BE/10308/14 | | | | | |
| 56 | Apurva Sriwastava | BE/10036/14 | ECE | Development of integrated paste management system using image processing | Dr. S.S.Sahu | UG | 50,000.00 |
| | Mrinalini | BE/10086/14 | | | | | |
| | Swati Swairit | BE/10525/14 | | | | | |
| 57 | Saket Kumar Singh | BE/10246/14 | ECE | Industrial Robot interfacing using embedded ROS | Dr. A.K. Tiwary Dr. Arun Dayal Udai | UG | 24,321.00 |
| | Durgesh Kumar Ranjan | BE/10419/14 | | | | | |
| | Sachion Kumar | BE/10460/14 | | | | | |
| 58 | D. Viswath Kumar | BE/10600/14 | PE | Development of 3d printing process by using robotic arm | Dr. Arun Dayal Udai, Mr. Binay Kumar | UG | 50,000.00 |
| | K. Niranjan Datta | BE/10608/14 | | | | | |
| | G. Hema Gangadhar | BE/10678/14 | | | | | |
| 59 | Ayush Anand | BE/10633/14 | PE | Fatigue analysis of the roll cage using accelerometer | Dr. L.N. Pattanaik | UG | 10,050.00 |
| | Hemant Lal | BE/10560/14 | | | | | |
| 60 | Saurabh Kumar | ME/AMS/10004/16 | PE | Use of all rotary stewart platform as tool post for milling of free form surfaces. | Dr. Rajeev Agrawal Dr. Sanjay Kumar Jha | PG | 100,000.00 |
| 61 | Prabha Kumari | ME/AMS/10005/16 | PE | fabrication of Al metal matrix composite with adding nano reinforcement particles by stir squeeze casting | Dr. Joyjeet Ghose | PG | 53,250.00 |

PA
27/9/12



BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI

Ref.: Dean (AP)/2018-19/36

Date: 12/09/2018

NOTICE

B.E. and M.E. /M.Tech. final year students whose project proposals (2018-19) have been approved by the Institute is enclosed in the list along with the amount sanctioned for each projects.

As per the confirmation of HoDs (CSE & Prod. Engg.), the Departments have not received any applications from the students. Department of Bioengineering has not submitted the projects applications so far.

(Dr. Padmini Padmanabhan)
Dean (Academic Programme)

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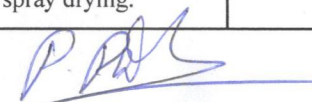
1. Concerned Head of the Departments – with a request to circulate amongst Students and the concerned Guide(s)
2. Dy. Comptroller/Dy. Finance Officer.
3. All Deans
4. Registrar
5. PS to the Vice-Chancellor.
6. Notice Board
7. Institute website

Encl.: List of Sanctioned Projects (Page:1-5).

List of approved Projects for B.E., M.E./M.Tech Final Year Students 2018-19

| Projects | No. | Amount |
|-----------------|------------|------------------|
| UG | 38 | 13,73,680 |
| PG | 27 | 19,95,073 |
| Total | 65 | 33,68,753 |

| Sl. No. | Name of the Student(s) | | Dept. | Name of the Guide(s) | Project Code | Project Title | Project (UG/PG) | Amount Sanctioned |
|----------------|--|---|----------------|--|---------------------|--|------------------------|--------------------------|
| 1 | Kousumi Mukherjee Niraj Agrwal | BE/10608/15 BE/10055/15 | Chem. Engg. | Dr. Gautam Sarkhel | IFP/UG/2018-19/001 | Development of PVDF based polymer composite for radio frequency absorption. | UG | 37,000 |
| 2 | Shivani Dasgupta Abhishek Gautam | BE/10601/15 BE/10412/15 | Chem. Engg. | Dr. A.Choudhury | IFP/UG/2018-19/002 | Flexible and freestanding supercapacitor electrode based on nanostructured polyaniline/carbon nanofiber hybrid mats with high energy and power densities | UG | 45,000 |
| 3 | Sayantika Chakraborty Vinay | BE/10598/15 BE/10674/15 | Chem. Engg. | Dr. A.K . Sen | IFP/UG/2018-19/003 | Design and optimization of PVC plant waste water treatment | UG | 30,000 |
| 4 | Akshay Notwani Baraik Aman Kumar | BE/10729/15 BE/10604/15 | Chem. Engg. | Dr. A.K . Sen | IFP/UG/2018-19/004 | Dehydration of glycerol to valuable products | UG | 30,000 |
| 5 | Anjaneya Mishra Kumar Adarsh | BE/10684/15 BE/10611/15 | Chem. Engg. | Dr. J. Sudeepan | IFP/UG/2018-19/005 | Development of hybrid polymer nanocomposites for structural application | UG | 35,000 |
| 6 | Riya Poddar Sneh | BE/10635/15 BE/10264/15 | Chem. Engg. | Dr. Bidhan C. Ruidas | IFP/UG/2018-19/006 | Hydrogen oroduction Via urea electrolysis using a gel electrolyte. | UG | 40,000 |
| 7 | Pratima Kachhap Aryanika | BE/10651/15 BE/10227/15 | Chem. Engg. | Dr. Anupam Roy | IFP/UG/2018-19/007 | Modification in the puffed rice machine for micronutrient enrichment. | UG | 50,000 |
| 8 | Gowrav Malik Kislay Kumar Kiran Kandulna | BE/10625/15 BE/10287/15 BE/10636/15 | Chem. Engg. | Dr.Dan Bahadur | IFP/UG/2018-19/008 | Removal of heavy metals in waste water | UG | 30,000 |
| 9 | Nishant Tripathy | BE/10433/15 | Chem. Engg. | Dr. Y. N. Prajapati | IFP/UG/2018-19/009 | Degradation and adsorption of simulated dye waste water | UG | 45,000 |
| 10 | Shreya Sinha | BE/10719/15 | Chem. Engg. | Dr. Nirupama | IFP/UG/2018-19/010 | A study on thermal degradation kinetics of polymer composites | UG | 25,000 |
| 11 | Akash Gupta Ravi Kumar Harshit Joshi | BE/10360/15 BE/10578/15 BE/10490/15 | Chem. Engg. | Dr. D. Pandey | IFP/UG/2018-19/011 | Photocatalytic conversion of CO2 to MeOH | UG | 30,000 |
| 12 | Vishal Kumar Sameer Kerketta | BE/10682/15 BE/10178/15 | Chem. Engg. | Dr. Amit Tiwari - Guide Dr.Anupam Roy- Co-Guide | IFP/UG/2018-19/012 | Microencapsulation of neutraceuticals in biopolymer matrix by spray drying. | UG | 45,000 |



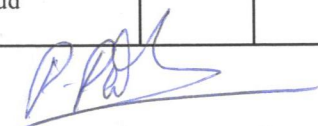
List of approved Projects for B.E., M.E./M.Tech Final Year Students 2018-19

| | | | | | | | | |
|----|---|---|-----------------------|--|--------------------|---|----|--------|
| 13 | Sushant Sinha Mayank Kumar | BE/10064/15 BE/10658/15 | Chem. Engg. | Dr. M. Mukherjee - Guide Dr. A. Barnwal - Co- Guide | IFP/UG/2018-19/013 | Study on design and simulation of spiral heat exchanger | UG | 40,000 |
| 14 | Rohit Kr. Tiwari Saksham Shail Moonsun Dunston Flower | BE/10631/2015 BE/10367/2015 BE/10448/2015 | Civil & Evn. Engg. | Dr. Kirti Avishek | IFP/UG/2018-19/014 | River Ecosystem Monitoring and Management: A Case Study of Subarnarekha River | UG | 35,000 |
| 15 | Ojasvi Agrawal Aditya Ranjan Pratyush Minendra | BE/10464/2015 BE/10475/2015 BE/10411/2015 | Civil & Evn. Engg. | Dr. Tanushree Bhattacharya | IFP/UG/2018-19/015 | Investigation of Partial Replacement of Cement with Sugarcane Baggase Ash (SCBA) in Cement Concrete Mixtures | UG | 20,000 |
| 16 | Budha Raja Soren Tanmay Bhagat Vishal Rana | BE/10359/2015 BE/10343/2015 BE/10554/2015 | Civil & Evn. Engg. | Dr. R. Naresh Kumar | IFP/UG/2018-19/016 | COD and Turbidity Removal from Car Wash Wastewater using Coagulation and Electrocoagulation | UG | 50,000 |
| 17 | Shashank Joshi Aditya Jalan Ashish Kr. Singh | BE/10620/2015 BE/10246/2015 BE/10484/2015 | Civil & Evn. Engg. | Dr. Sudeshna Chakraborty | IFP/UG/2018-19/017 | Analysis of Different Models under the Effect of Wind Load | UG | 12,000 |
| 18 | Aditya Kumar Ankit Kr. Agrawal Himanshu Saurav | BE/10549/2015 BE/10569/2015 BE/10191/2015 | Civil & Evn. Engg. | Dr. A.K.Sinha | IFP/UG/2018-19/018 | Effect of Hydrogel on Different Soil Type and Irrigation Channels | UG | 20,000 |
| 19 | Reshu Singh | MT/ENV/10007/2017 | Civil & Evn. Engg. | Dr. Kirti Avishek | IFP/PG/2018-19/001 | Assessing Hydrological Characteristic and Functioning of Inland Wetland | PG | 45,000 |
| 20 | Ankit Kr. Singh | MT/ENV/10002/2017 | Civil & Evn. Engg. | Dr. Jawed Iqbal | IFP/PG/2018-19/002 | Treatment of Slaughterhouse Wastewater using Sequence Batch Biofilm Reactor: Optimisation using Response Surface Methodology | PG | 40,000 |
| 21 | Prateek Kr. Bhardwaj | MT/ENV/10009/2017 | Civil & Evn. Engg. | Dr. R. Naresh Kumar | IFP/PG/2018-19/003 | Degradation of Emerging Contaminants using Electrocoagulation and Electro-Fenton | PG | 40,000 |
| 22 | Mala Kumari | MT/ENV/10004/2017 | Civil & Evn. Engg. | Dr. Tanushree Bhattacharya | IFP/PG/2018-19/004 | Evaluation of Air Pollution Tolerance Index and Potential for Heavy Metal Biomonitoring of Some Selective Species | PG | 30,000 |
| 23 | Kumar Rohit | MT/ENV/10001/2017 | Civil & Evn. Engg. | Dr. Suklayan Chakraborty Dr. Praveen Mishra | IFP/PG/2018-19/005 | Enhancement of Solar Still Performance using CuO Nano Particles | PG | 45,000 |
| 24 | Shibaan Jawed | MT/ENV/10005/2017 | Civil & Evn. Engg. | Dr. Kaushik Paul | IFP/PG/2018-19/006 | River Water Quality Modelling using GIS - A Case Study of Jumar River | PG | 28,000 |
| 25 | Mrigakshee Sarmah | ME/CE/10003/2017 | Civil & Evn. Engg. | Dr. Arun Kumar | IFP/PG/2018-19/007 | Study of Microstructural Properties of Blended Cement Containing Brick Dust | PG | 5,000 |

P.P.K.

List of approved Projects for B.E., M.E./M.Tech Final Year Students 2018-19

| | | | | | | | | |
|----|---|--|-----|---|--------------------|---|----|---------|
| 26 | P.Pawan Kumar K.Lokesh Reddy P.Kumar Raja | BE/10336/15 BE/10324/15 BE/10508/15 | ECE | Dr. Mahesh Chandra | IFP/UG/2018-19/019 | Smart Snickometer for Assigning cricketing umpires using "Machine Learning" | UG | 50,000 |
| 27 | Chandan Kumar | ME/EC/10021/17 | ECE | Dr. S.S. Tripathy | IFP/PG/2018-19/008 | Design and development of Mobile cover for detection of blood abnormalities using different lenses. | PG | 58,000 |
| 28 | Anu sri | ME/EC/10022/17 | ECE | Dr. Sitanshu Sekhar Sahu | IFP/PG/2018-19/009 | Design and Implementation of Fractal-Split based image compression algorithm for satellite image. | PG | 100,000 |
| 29 | Atanu Chaudhary | ME/EC/10007/17 | ECE | Dr. S.K. Ghorai | IFP/PG/2018-19/010 | Use of PLC (Power Line Communication)-VLC (Visible Light Communication) combination for indoor optical wireless communication | PG | 81,500 |
| 30 | Ayesha Akhtar | ME/EC/10012/17 | ECE | Dr. Neela Chatteraj Dr. Sudip Kundu | IFP/PG/2018-19/011 | Design Fabrication and Characterization of MEMS based piezoelectric energy harvester | PG | 80,000 |
| 31 | Sivani Singh | ME/EC/10023/17 | ECE | Dr. S.S. Solanki Dr. C. Jaganathan | IFP/PG/2018-19/012 | Designing LIDAR enabled UAV system for Terrain modelling | PG | 96,000 |
| 32 | Divyansh Saurabh Ankita Srivastava Harshit Bamaniya Yukta Mishra | BE/10068/15 BE/10618/15 BE/10327/15 BE/10497/15 | EEE | Dr. Tarkeshwar | IFP/UG/2018-19/020 | IOT Based Adaptive Control for Active Cell Balancing | UG | 49,560 |
| 33 | Ankit Kumar Singh Rohan Gupta Prachi Sharma | BE/10168/15 BE/10258/15 BE/10209/15 | EEE | Dr. S.K. Mishra | IFP/UG/2018-19/021 | Depth Calculation of object Using Stereo Vision and use it to avoid Object, and using GPS to navigate the bot to search a final destination avoiding obstacle | UG | 43,300 |
| 34 | Dibye Singh Anand Kumar Kshitij Murya | BE/10207/15 BE/10106/15 BE/10300/15 | EEE | Dr. Vijay Laxmi - Guide Dr. S.K. Mishra - Co-Guide | IFP/UG/2018-19/022 | Static Obstacle Detection and Avoidance with further extension to Dynamic Obstacles | UG | 40,000 |
| 35 | Sanjeev Hembram Hemant Kumar Mehta Pankaj Kumar | BE/10479/15 BE/10580/15 BE/10613/15 | EEE | Mr. Prem Prakash | IFP/UG/2018-19/023 | Microcontroller Based Substation Monitoring & Control System with GSM Modem | UG | 27,550 |
| 36 | Sree Aslesh Dhriti Kumari | BE/10440/15 BE/10714/15 | EEE | Mr. S.K. Swain | IFP/UG/2018-19/024 | Model Reference Adaptive Control on Magnetic Levitation System. | UG | 47,000 |
| 37 | Saurabh Tiwari | ME/EE/10001/17 | EEE | Dr. S. Shiva Kumar | IFP/PG/2018-19/013 | Design & Development of PV MPPT Based Algorithm Interfacing with SEPIC Converter for the Battery Application | PG | 82,718 |
| 38 | Chetan Matwankar | ME/EE/10006/17 | EEE | Dr. Aftab Alam | IFP/PG/2018-19/014 | Grid Interfaced Renewable Energy Management System Using IOT Based Control & Diagnostics on Cloud Computing Platform | PG | 98,530 |



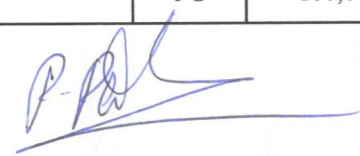
List of approved Projects for B.E., M.E./M.Tech Final Year Students 2018-19

| | | | | | | | | |
|----|--|---|----------------|---|--------------------|---|----|---------|
| 39 | Goutam Goswami | ME/EE/10018/17 | EEE | Dr. D.K. Mohanta - Guide Dr. P.R. Thakura Co-Guide | IFP/PG/2018-19/015 | Stability Analysis of Intelligent Fuzzy Controller based BLDC Motor | PG | 67,200 |
| 40 | Promit Kr. Saha | ME/EE/10021/17 | EEE | Dr. P.R. Thakura | IFP/PG/2018-19/016 | Harware Design and Experimentation of PV MPPT Based Single Stage Three Phase Boost Inverter | PG | 98,175 |
| 41 | Shashank Shekhar | ME/EE/10025/17 | EEE | Dr. Vijaya Laxmi - Guide Dr. P.R. Thakura - Co-Guide | IFP/PG/2018-19/017 | BLDC Drive Using Optimised Modified PID Controller | PG | 93,450 |
| 42 | Saurabh Nayar | ME/EE/10004/17 | EEE | Dr. T.Ghose | IFP/PG/2018-19/018 | Design of Adaptive Control Strategy for Local & Interlinking Converters of Laboratory Prototype Hybrid AC-DC Microgrid | PG | 100,000 |
| 43 | Avirup Kumar Gupta | ME/EE/10009/17 | EEE | Dr. S. Chakraborty | IFP/PG/2018-19/019 | Development of Vision Based Intelligent Control Technique of Autonomous Ground Vehicle System | PG | 53,500 |
| 44 | Tamal Datta | ME/EE/10027/17 | EEE | Dr. S.K. Mishra | IFP/PG/2018-19/020 | Development of Vision Based Intelligent Control Technique of Autonomous Ground Vehicle System | PG | 78,000 |
| 45 | Soumadeep Roy | ME/EE/10003/17 | EEE | Dr. Surendra Kumar | IFP/PG/2018-19/021 | Study, Design and development of Bidirectional AC DC Converter & its Behaviourial Study at the time of Islanding. | PG | 100,000 |
| 46 | Harshit Kumar Rohit Shrivastava Salhay Mardi | BE/10405/15 BE/10463/15 BE/10718/15 | Mech. Engg. | Dr. Paritosh Mahata Dr. Anupam Roy | IFP/UG/2018-19/025 | Design and Fabrication of Instant Dosa Making Machine | UG | 49,000 |
| 47 | Abhayankar Joshi Sahil kumar Rohit Srivastava | BE/10356/15 BE/10117/15 BE/10112/15 | Mech. Engg. | Dr. Dhaneshwar Mahto | IFP/UG/2018-19/026 | Design and development of thermoelectric device for refrigeration industry. | UG | 32,000 |
| 48 | Ratna Sambhav Subhankar Das Roshan Kumar. | BE/10156/15 BE/10176/15 BE/10711/15 | Mech. Engg. | Dr. Richa Pandey | IFP/UG/2018-19/027 | Motor Actuated Wearable Mechanical Device For Upper Limb Rehabilitation Of Stroke Survivors, Integrated With Virtual Reality. | UG | 45,900 |
| 49 | Pushpendra Kumar Divyendu Shukla Alok Raj | BE/10201/15 BE/10149/15 BE/10146/15 | Mech. Engg. | Dr Ratnesh Kumar | IFP/UG/2018-19/028 | Fabrication of Mechanical Pressure Power Generating System | UG | 17,000 |
| 50 | Ankit Raj Abhishek Agrawal Ashish Prabhakar | BE/10431/15 BE/10493/15 BE/10511/15 | Mech. Engg. | Dr. Praveen Mishra | IFP/UG/2018-19/029 | Design and Fabrication of Solar Automated Roof Cover | UG | 40,000 |
| 51 | Pradeep Kumar Rana Ganesh Kumar Mahato Akhil Panda | BE/10574/15 BE/10551/15 BE/10656/15 | Mech. Engg. | Dr. Chandrahas Patel | IFP/UG/2018-19/030 | Design And Fabrication Of Spring Loaded Shock Absorbing Shoe Mechanism | UG | 41,000 |



List of approved Projects for B.E., M.E./M.Tech Final Year Students 2018-19

| | | | | | | | | |
|----|--|---|----------------|--|--------------------|--|----|---------|
| 52 | Pranjal Shubham Shaurya Mayank Mani | BE/10648/15 BE/10277/15 BE/10521/15 | Mech. Engg. | Dr. Mukesh Sharma- Guide Mr. Shalin - Co-Guide | IFP/UG/2018-19/031 | Design And Fabrication Of Solar Integrated Thermoelectric Water Chiller With Embedded Microcontroller Trip System | UG | 35,500 |
| 53 | Dilkash Jilani Mohammad Nafey | BE/10029/15 BE/10016/15 | Mech. Engg. | Dr. S. K. Dhiman | IFP/UG/2018-19/032 | Augmentation of Heat Transfer by Air Cooled Fins | UG | 15,000 |
| 54 | Sanjeev Nirmal Kumar Singh Prasun Shekhar | BE/10081/15 BE/10090/15 BE/10216/15 | Mech. Engg. | Dr. Rajeev Kumar | IFP/UG/2018-19/033 | Design, Fabrication And Thermal Analysis Of Biogas Generation Plant For Rural Areas | UG | 50,000 |
| 55 | Manas Mehrotra, Siddhant Patel Ashutosh Sharma | BE/10634/15 BE/10720/15 BE/10696/15 | Mech. Engg. | Mr. Sujeet Kumar Mishra | IFP/UG/2018-19/034 | Design and Manufacturing of custom made steering assembly for an all terrain vehicle. | UG | 50,000 |
| 56 | Prashant Ranjan Aakash Kumar Piyush Prakash | BE/10078/15 BE/10180/15 BE/10189/15 | Mech. Engg. | Dr. Paritosh Mahata | IFP/UG/2018-19/035 | Design and fabrication of multipurpose turbomixer | UG | 40,000 |
| 57 | Chennamsetti Mohinessh B S V Sreekanta M G V Sai Krishna | BE/10447/15 BE/10495/15 BE/10506/15 | Mech. Engg. | Mr. Sujeet Kumar Mishra | IFP/UG/2018-19/036 | Design And Fabrication Of Anti Vibration Rubber Mounts For An All Terrain Vehicle For Baja Sae | UG | 10,000 |
| 58 | R.Harnieka Nivedita Chandra Shobhna Dheemati | BE/10353/15 BE/10678/15 BE/10114/15 | Mech. Engg. | Mr. Inayath N. | IFP/UG/2018-19/037 | Power Generation and Omni Directional Vertical Axis Wind Turbine | UG | 40,000 |
| 59 | Somenath Murmu Vivek Thomas Gansa Baskey | BE/10358/15 BE/10474/15 BE/10518/15 | Mech. Engg. | Mr. O. P. Pandey | IFP/UG/2018-19/038 | Design and development of grass and paddy cutter using solar energy | UG | 31,870 |
| 60 | Abhishek Bandopadhyay | ME/MEC/10016/17 | Mech. Engg. | Dr. Arun Dayal Udai | IFP/PG/2018-19/022 | Design and Development of 6-DoF Gough Stewart Platform for Virtual Simulators with Pneumatic Actuators | PG | 100,000 |
| 61 | Deepak Raj | ME/MEC/10005/17 | Mech. Engg. | Dr. Rajeev Kumar | IFP/PG/2018-19/023 | Design , simulation, manufacturing and testing of a Low temperature differential Free Piston Stirling engine | PG | 100,000 |
| 62 | Md.Danish | ME/MEC/10001/17 | Mech. Engg. | Dr. Mukesh Sharma | IFP/PG/2018-19/024 | Studies on gas-liquid and liquid-liquid flow through inclined mini-channel with return bends. | PG | 100,000 |
| 63 | Anil Tirkey | MT/ET/10004/17 | Mech. Engg. | Dr. S. K. Dhiman | IFP/PG/2018-19/025 | Performance Study of Blades of Wind Turbine Rotor | PG | 75,000 |
| 64 | Kumar Satyam | ME/MEC/10004/17 | Mech. Engg. | Dr. Richa Pandey | IFP/PG/2018-19/026 | Development of Patient Specific Total Hip- Joint Replacement using Reverse Engineering and Additive Manufacturing technology. | PG | 100,000 |
| 65 | Md. Modassir Khan | ME/MEC/10008/17 | Mech. Engg. | Dr. Rajan Lanjekar | IFP/PG/2018-19/027 | Performance and Emission Characteristics of Biodiesel Engine | PG | 100,000 |



(No Subject)

From: Central Instrumentation Facility (cif@bitmesra.ac.in)

To: vibhashreebit@gmail.com; akhilsen@yahoo.co.in; aksen@bitmesra.ac.in; shipraraj001@gmail.com; poulomiroy@yahoo.com; sushmeeta007@gmail.com; s_sengupta76@yahoo.com; butty.lab@waxpol.com; erdhananjay62854@gmail.com; muthubiorec@gmail.com

Cc: mksinha@bitmesra.ac.in; gautamsarkhel@bitmesra.ac.in; rchashwini@gmail.com; samirbit@gmail.com; manipharma@gmail.com; sanjayarkl@gmail.com

Date: Tuesday, December 12, 2017, 4:49 PM GMT+5:30

Dear All,

With reference to your requisition form for SEM/EDS analyses, the slot for the said analyses given below. Please come to CIF at 9.00AM on the allotted date for sample mounting and then at the allotted time once again for the analyses of the Samples. If however nobody associated with a particular set of samples turn up then the analyses will be carried out in absence as per the information provided by you in the requisition form.

| Sl No | User | Department | Date | Time |
|-------|-------------------------------------|---------------------------------|------------|---------|
| 1 | Sushmeeta Rani Lal/ Dr. S Sengupta | Civil and Env. Engg., BIT Mesra | 13.12.2017 | 9.00AM |
| 2 | Umashankar Upadhay | Wax Pool,Ranchi | 13.12.2017 | 10.00AM |
| 3 | Dhanajay Kumar/ Dr. Muthu K Sampath | Bioengineering, BIT Mesra | 13.12.2017 | 11.00AM |
| 4 | Vibhashree/ Dr. A K Sen | Chemical Engineering, BIT Mesra | 13.12.2017 | 11.45AM |
| 5 | Shipra Raj/ Dr. P Roy | Chemistry, BIT Mesra | 13.12.2017 | 2.00PM |

Regards

Dr. S K Swain

Research Officer

CIF, BIT Mesra

Ranchi 835215

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५

Regarding XRD Analysis

From: Central Instrumentation Facility (cif@bitmesra.ac.in)

To: syamprasad.pakala@gmail.com; anupamroypaper@gmail.com; sumitsagar55@gmail.com;
s_sengupta76@yahoo.com; kartheek1996@gmail.com; dhirajkumar.rock@gmail.com; elasinha@gmail.com;
skrout@bitmesra.ac.in; Princy516pritam@gmail.com

Cc: samirbit@gmail.com; sjrahaman@yahoo.co.in; gautamsarkhel@bitmesra.ac.in; rchashwini@gmail.com

Date: Monday, January 29, 2018, 4:54 PM GMT+5:30

Dear All,

With reference to your requisition form for XRD analysis, the slot for the said analysis is given below. Please come to CIF II for the said analysis positively failing which the analysis will be carried out in your absence as per the information provided by you in the requisition form.

| SI No | User | Department/Industry | Date | Time |
|-------|-----------------------------------|-------------------------------------|-----------|----------|
| 1 | P Shyam Prasad/ Dr Anupom Roy | Chemical Engineering, BIT Mesra | 30.1.2018 | 9.30 AM |
| 2 | Sumit Sagar/Dr. S Sengupta | Civil & Env. Engineering, BIT Mesra | 30.1.2018 | 10.30AM |
| 3 | N K Reddy/ Dr. Anupam Roy | Chemical Engineering, BIT Mesra | 30.1.2018 | 11.30AM |
| 4 | Dhiraj Kumar Kushvha/ Dr S K Rout | Physics, BIT Mesra | 30.1.2018 | 12.30 PM |
| 5 | Pritam Yadav/ Dr Ella Sinha | Physics, BIT Mesra | 30.1.2018 | 2.00PM |

Regards

Dr. S K Swain

Research Officer

CIF, BIT Mesra

Ranchi 835215

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५

Regarding XRD Slot

From: Central Instrumentation Facility (cif@bitmesra.ac.in)

To: anupamroypaper@gmail.com; gpransu02@gmail.com; vk19937@gmail.com; shivliganga@gmail.com; divyajyotipatra4@gmail.com

Cc: rsharma@bitmesra.ac.in; s_sengupta76@yahoo.com; skrout@bitmesra.ac.in; sgpanpalia@bitmesra.ac.in; samirbit@gmail.com; skswain@bitmesra.ac.in; gautamsarkhel@bitmesra.ac.in

Date: Tuesday, January 30, 2018, 4:56 PM GMT+5:30

Dear All,

With reference to your requisition form for XRD analysis, the slot for the said analysis is given below. Please come to CIF II for the said analysis positively failing which the analysis will be carried out in your absence as per the information provided by you in the requisition form.

| Sl No | User | Department/Industry | Date | Time |
|-------|---------------------------------------|---|-----------|---------|
| 1 | Amit Jalan/ Dr Anupam Roy | Chemical Engineering, BIT Mesra | 31.1.2018 | 9.30 AM |
| 2 | Gaurav Pransu/Dr. Rishi Sharma | Physics, BIT Mesra | 31.1.2018 | 10.30AM |
| 3 | Vishal Kumar/ Dr. Siddhartha Sengupta | Civil & Env. Engg, BIT Mesra | 31.1.2018 | 11.30AM |
| 4 | Shivli Ganga/ Dr S K Rout | Physics, BIT Mesra | 31.1.2018 | 2:00 PM |
| 5 | Divyajyoti Patra/ Mrs. S.G. Panpalia | Pharmaceutical Sciences & Technology, BIT Mesra | 31.1.2018 | 3:30 PM |

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५

Regarding SEM Slot

From: Central Instrumentation Facility (cif@bitmesra.ac.in)

To: elasinha@gmail.com; rajchmimi@gmail.com; manish.rbm2@gmail.com; deepak05059@gmail.com

Cc: mkcinha@bitmesra.ac.in; s_sengupta76@yahoo.com; aksinha@bitmesra.ac.in; skswain@bitmesra.ac.in; gautamsarkhel@bitmesra.ac.in

Date: Tuesday, March 6, 2018, 10:24 AM GMT+5:30

Dear All,

With reference to your requisition form for SEM/EDS analyses, the slot for the said analyses are given below. Please come to CIF at **9.00AM** on the allotted date for sample mounting and then at the allotted time once again for the analyses of the Samples. If however nobody associated with a particular set of samples turn up then the analyses will be carried out in absence as per the information provided by you in the requisition form.

| Sl No | User | Department | Date | Time |
|-------|---|--------------------|------------|---------|
| 1 | Taruna Kumari/ Dr. Ela Sinha | Physics, BIT Mesra | 07.03.2018 | 11.00AM |
| 2 | Manu Priya Darshani/Dr. Ela Sinha | Physics, BIT Mesra | 07.03.2018 | 11.40AM |
| 3 | Rajeshwari Chatterjee/Dr. Dilip Kr. Singh | HMCT, BIT Mesra | 07.03.2018 | 1.30AM |
| 4 | Deepak Kumar/Dr. Siddhartha Sengupta | CEE, BIT Mesra | 07.03.2018 | 2.15PM |
| 5 | Manish Kumar/ Dr. Anand Kumar Sinha | CEE, BIT Mesra | 07.03.2018 | 3.00PM |
| | | | | |

Regards
Rammani Prasad

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५

Regarding XRD Analysis

From: Central Instrumentation Facility (cif@bitmesra.ac.in)

To: routpriyanka47@gmail.com; ushajha@bitmesra.ac.in; deepak05059@gmail.com; s_sengupta76@yahoo.com; swatisingh3277@gmail.com; kakolidasgupta003@gmail.com

Cc: gautamsarkhel@bitmesra.ac.in; sjrahaman@yahoo.co.in; samirbit@gmail.com; rchashwini@gmail.com

Date: Wednesday, February 28, 2018, 4:04 PM GMT+5:30

Dear All,

With reference to your requisition form for XRD analysis, the slot for the said analysis is given below. Please come to CIF II for the said analysis positively failing which the analysis will be carried out in your absence as per the information provided by you in the requisition form.

| SI No | User | Department/Industry | Date | Time |
|-------|-------------------------------|-------------------------------------|-----------|----------|
| 1 | Priyanka Rout/Dr. Usha Jha | Chemistry,BIT Mesra | 1.03.2018 | 9.30 AM |
| 2 | Deepak Kumar/ Dr S Sengupta | Civil & Env. Engineering, BIT Mesra | 1.03.2018 | 10.30AM |
| 3 | Swati Singh/ Dr P K Sivastava | Chemistry, BIT Mesra | 1.03.2018 | 11.00AM |
| 4 | K Das Gupta/Dr B D Ghosh | Chemistry, BIT Mesra | 1.03.2018 | 11:30 AM |

Regards

Dr. S K Swain

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५



Bindhu Lal <bindhu@bitmesra.ac.in>

Regarding SEM Analysis

1 message

Central Instrumentation Facility <cif@bitmesra.ac.in>

Wed, May 3, 2017 at 2:10 PM

To: tithi.dr270@gmail.com, hrsingh@bitmesra.ac.in, Amresh Kumar <amreshk192@gmail.com>, Joyjeet Ghose <joyjeetghose@gmail.com>, NIDHI SINGH <singhnidhi0208@gmail.com>, bindhu@bitmesra.ac.in, singhvikash9806@gmail.com, pulakdatta@bitmesra.ac.in, Mayukh Chakravarty <mayukh2508@gmail.com>, poulomiroy@yahoo.com

Cc: Usha Jha <ushajha@bitmesra.ac.in>, Samir Pradhan <samirbit@gmail.com>, Ashwini Singh <rhashwini@gmail.com>, mksinha@bitmesra.ac.in

Dear All,

With reference to your requisition form for SEM/EDS analyses, the slot for the said analyses is given below. Please come to CIF at 9.00 AM on the allotted date for sample mounting and then at the allotted time once again for the analyses of the samples. If however nobody associated with a particular set of samples turn up then the analyses will be carried out in absence as per the information provided by you in the requisition form.

| Sl No | User | Department/Industry | Date | Time |
|-------|---------------------------------|-------------------------------------|-----------|---------|
| 1 | Amresh Kumar/ Dr. Joyjeet Ghosh | Production Engg. , BIT Mesra | 4.05.2017 | 9.00AM |
| 2 | Nidhi Singh / Dr. Bindhu Lal | Civil & Env. Engineering, BIT Mesra | 4.05.2017 | 10.00AM |
| 3 | Vikas Singh/ Dr. Pulak Datta | Chemical Engineering, BIT Mesra | 4.05.2017 | 10.30AM |
| 4 | Mayukh Chakravarty/ Dr. P Roy | Chemistry, BIT Mesra | 4.05.2017 | 11.30PM |
| 5 | Debamita Roy/ Dr H R Singh | Civil & Env. Engg., BIT Mesra | 4.05.2017 | 2.00 PM |

Regards

Dr. S K Swain

Research Officer

5/3/2019

BIT Webmail Mail - Regarding SEM Analysis

CIF, BIT Mesra

Ranchi 835215

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५



Bindhu Lal <bindhu@bitmesra.ac.in>

Regarding SEM Analysis

1 message

Central Instrumentation Facility <cif@bitmesra.ac.in>

Thu, Apr 27, 2017 at 2:49 PM

To: rakhisujju@gmail.com, gtmohanraj@yahoo.com, neha aind <nehaaind19@gmail.com>, bindhu@bitmesra.ac.in, Smriti Raj <smritiraj11@gmail.com>, ekta moorjani <ektamoorjani@gmail.com>, Anupam Roy <anupamroypaper@gmail.com>, NIDHI SINGH <singhnidhi0208@gmail.com>

Cc: Usha Jha <ushajha@bitmesra.ac.in>, Ashwini Singh <rhashwini@gmail.com>, Samir Pradhan <samirbit@gmail.com>, mksinha@bitmesra.ac.in

Dear All,

With reference to your requisition form for SEM/EDS analysis, the slot for the said analysis is given below. Please come to CIF I for the said analysis positively failing, which the analysis will be carried out in your absence as per the information provided by you in the requisition form.

| Sl No | User | Department/Industry | Date | Time |
|-------|-------------------------------|---------------------------------|-----------|---------|
| 1 | Neha Aind/ Dr. Bindhu Lal | Civil & Env. Engg., BIT Mesra | 1.05.2017 | 9.00 AM |
| 2 | Nidhi Singh/ Dr. Bindhu Lal | Civil & Env. Engg., BIT Mesra | 1.05.2017 | 10.00AM |
| 3 | Smriti Raj/ Dr. Arun Kumar | Civil & Env. Engg., BIT Mesra | 1.05.2017 | 11.00AM |
| 4 | Ekta Moorjani/ Aupam Roy | Chemical Engineering, BIT Mesra | 1.05.2017 | 2.00 PM |
| 5 | Rakhi Sharma/ Dr G T Mohanraj | Chemical Engineering, BIT Mesra | 1.05.2017 | 3.00 PM |

Regards

Dr. S K Swain

Research Officer

CIF, BIT Mesra

Ranchi 835215

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केन्द्रीय यांत्रिकी सुविधा

5/3/2019

BIT Webmail Mail - Regarding SEM Analysis

बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५



Bindhu Lal <bindhu@bitmesra.ac.in>

Regarding SEM/EDX Analysis

1 message

Central Instrumentation Facility <cif@bitmesra.ac.in>

Fri, Apr 20, 2018 at 4:00 PM

To: bansal.sukeerti@gmail.com, anindoroy1@gmail.com, Amit kumar <amitkachhap672@gmail.com>, Kayenat Khan <kayenatkhan.ogs@gmail.com>

Cc: "M.K Sinha" <mksinha@bitmesra.ac.in>, bindhu@bitmesra.ac.in, "Dr. Dilip Kumar Singh" <dilipsinghnano1@gmail.com>, akhilsen@rediffmail.com, raghuchemraj <raghuchemraj@gmail.com>, Sanjay Kumar Swain <skswain@bitmesra.ac.in>, Gautam Sarkhel <gautamsarkhel@bitmesra.ac.in>

Dear All,

With reference to your requisition form for SEM/EDS analyses, the slot for the said analyses are given below. Please come to CIF at **9.00AM** on the allotted date for sample mounting and then at the allotted time once again for the analyses of the Samples. If however nobody associated with a particular set of samples turn up then the analyses will be carried out in absence as per the information provided by you in the requisition form.

| Sl No | User | Department | Date | Time |
|-------|--|---------------------------|------------|---------|
| 1 | Sukeerti Bansal / Dr. Bindhu Lal | CEE, BIT Mesra | 21.04.2018 | 9:30AM |
| 2 | Sukeerti Bansal/ Dr. Bindhu Lal | CEE, BIT Mesra | 21.04.2018 | 10:10AM |
| 3 | Anindo Roy/ Dr. Dilip Kr. Singh | Physics, BIT Mesra | 21.04.2018 | 10:50AM |
| 4 | Kayenat Farheen/ Dr. Raghuraj Pandiyan | Chemical Engg., BIT Mesra | 21.04.2018 | 2:00PM |
| 5 | Amit Kumar Kachhap/Dr. A.K. Sen | Chemical Engg, BIT Mesra | 21.04.2018 | 3:00PM |

Regards
Rammani Prasad

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५



Bindhu Lal <bindhu@bitmesra.ac.in>

Regarding XRD Analysis

1 message

Central Instrumentation Facility <cif@bitmesra.ac.in>

Wed, May 3, 2017 at 6:46 PM

To: Sudhir Majgainya <sudhirmajgainya@gmail.com>, aghosh@bitmesra.ac.in, Srijani Sett <srijanisett.18@gmail.com>, sc_108@yahoo.co.in, Mayank Shekhar <mayankms913@gmail.com>, jkujur@bitmesra.ac.in, NIDHI SINGH <singhnidhi0208@gmail.com>, bindhu@bitmesra.ac.in, priti sinha <sinha.priti89@gmail.com>

Cc: Usha Jha <ushajha@bitmesra.ac.in>, Ashwini Singh <rchashwini@gmail.com>, Samir Pradhan <samirbit@gmail.com>, sjarahaman@yahoo.co.in

Dear All,

With reference to your requisition form for XRD analysis, the slot for the said analysis is given below. Please come to CIF II for the said analysis positively failing which the analysis will be carried out in your absence as per the information provided by you in the requisition form.

| Sl No | User | Department/Industry | Date | Time |
|-------|------------------------------------|--|-----------|----------|
| 1 | Sudhir Majgainya/ Dr Animesh Ghosh | Pharmaceutical Science and Technology, BIT Mesra | 4.05.2017 | 9.30AM |
| 2 | Srijini Sett/ Dr. S Chakravarty | Civil & Env. Engg., BIT Mesra | 4.05.2017 | 10.30 AM |
| 3 | Mayank Shekhar/ Dr. J Kujur | Civil & Env. Engg., BIT Mesra | 4.05.2017 | 11.30AM |
| 4 | Nidhi Singh/ Dr Bindhu Lal | Civil & Env. Engg., BIT Mesra | 4.05.2017 | 1.30PM |
| 5 | Priti Sinha/ Dr. Somak Datta | Production Engg, BIT Mesra | 4.05.2017 | 2.30PM |

Regards

Dr. S K Swain

Research Officer

CIF, BIT Mesra

Ranchi 835215

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केन्द्रीय यांत्रिकी सुविधा
बिरला प्रौद्योगिकी संस्थान
मेसरा, रांची-८३५२१५