राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला

National Institute of Technology, Rourkela

No.NITR/AC/2017/M/1949 Dated 18.04.2017

NOTICE

Subject: Presentation for Bhaswati Paul Memorial Award and Shanta Jain Award.

The following Projects have been short listed for final Presentation for selection of the Bhaswati Paul Memorial Award and Shanta Jain Award to be held at 9.30 AM on 02.05.2017(Tuesday) in the Senate Hall of the Institute.

Sl.No.	Name	Roll No.	Name of the project
Bhaswati Paul Memorial Award			
1	Priyanka Mahuka	415LS2059	Genetic basis of arsenic remediation and bacterial biofilm mediated biosorption of arsenic
2	Abhishek Sharma	511ME132	Investigations of a Direct Injection Diesel Engine Run on Non Petroleum Fuel Blends
3	Nitin Naithali	215MM2435	Moving Toward Lead Free Environment-Development and Comparative Study of Eutectic Sn-based Solder Alloys
4	Subhrajeet Majhi	113EI0294	Framework for Air and Atmospheric Parameter Measurement of NIT Campus
5	Naushita Sharma	113ME0423	Development of Integrated water Treatment – cum-Management system for Mining and Steel Industries
	Udayan Singh	110ME0425	
Shanta Jain Award			
1	Debendra Pradhan	712ME4095	Design and fabrication of flapping winged Ornithopter-A robotic aerial spy bird.
	Biswajit Swain	712ME4096	
2	Karra Apoorva Tejaswi	113ME0427	Study on the design aspects of wings of Formula Student race car
3	Nishant Bharadwaj	712ME4050	Development of autonomous mining machine for tunnelling cum underground operation
4	Naushita Sharma	113ME0423	Development of Integrated water Treatment – cum-Management system for Mining and Steel Industries
	Udayan Singh	110ME0425	
5	Aditya Gupta	215ID1176	Design and Fabrication of a Novel Continuous Passive Motion Device
6	Suman Mishra	113ID0331	Number Maze: Play & Learn
	Parthik Yadav	113ID340	

7	Pallavi Bohidar	113BM0001	Development of a Low-cost modular digital microscope cum cell counter for Point of Care diagnostics
	Soumya Gupta	113BM0498	
8	Sujeevan Kumar Agir	512CH6010	Electronic tongue based detection and classification of arsenic in contaminated water
9	Sagnik Basu	113EC0199	Smart Wearables Devices based on Cognitive Radio Technology and IOT

Above students are required to be present in the Senate Hall at 9.15 AM on 02.05.2017 and submit project record books(if not submitted). The students will be given 15 minutes time to present their work through a Power Point presentation. The presentation will be followed by Question/Answer for another 5-10 minutes. The students are required to bring all data and record books, Referred Literature, Samples and working Models etc. and required to present the presentation highlighting the following only:

1. The novelty/originality of the concept/work
2. Work done
3. Results and discussions
4. Project output (Software/Hardware products)
5. Possibility of commercialization /industrialization
6. Patents related to the project
7. New experimental skills learnt

18/4/17

Asstt. Registrar (Academic-Res)

Copy to: All Members of the Committee.
Group mail to all faculty members and students

राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला

National Institute of Technology, Rourkela

No.NITR/AC/M/2017/1950 Dated 18.04.2017

NOTICE

The following Projects have been short listed for final Presentation to be held from 9.30 AM onwards on 04.05.2017 (Thursday) in the Senate Hall of the Institute.

Sl.No.	Name of the Project	Student	Roll No.
Best Undergraduate Project (B.Tech.)			
1.	Number Maze: Play & Learn	Suman Mishra	113ID0331
		Parthik Yadav	113ID340
2.	Fabrication of durable superamphiphobic coating on steel surface with self cleaning property	Thimirishetty Swetha	113CH0099
3.	Development of Integrated water Treatment-cum-Management system for Mining (special reference to CBM) and Steel Industries	Naushita Sharma	113ME0423
		Udayan Singh	113me0425
4.	Cyber Forgery Detection in Digital Videos through Blind Forensics	Shilpa Mukhopadhyay	113CS0156
5.	Development of a Low-cost modular digital microscope cum cell counter for Point of Care diagnostics	Pallavi Bohidar	113BM0001
		Soumya Gupta	113BM0498
6.	Low cost, Portable Biochemical Analyzer	Punuganti Sai Akansha	113BM0012
7.	Gesture-to-Speech Conversion for Differently-abled	Anurag SahaRoy,	113EE0497
		Raviteja	113EE0273
8.	Framework for Air and Atmospheric Parameter Measurement of NIT Campus	Subhrajeet Majhi	113EI0294
9.	Smart Wearables Devices based on Cognitive Radio Technology and IOT	Sagnik Basu	113EC0199
10.	Encapsulation of Vitamin C from Phyllanthus emblica (Indian gooseberry) using W/O/W multiple emulsion	Shubham Subrat Panigrahi	113FT0316
11.	Study on the design aspects of wings of Formula Student race car	Karra Apoorva Tejaswi	113ME0427
12.	Secu Wear : A Personal security and healthcare wearable	Anapareddy Sai Anudeep	113EC0193
Best Project (M.Tech. & Dual Degree B.Tech. & M.Tech.)			
1.	Gearing Coverage Using Concolic Testing and measuring Energy Consumption and greenhouse gases emission during testing	Arpita Dutta	215CS1067

2.	Design and Fabrication of a Novel Continuous Passive Motion Device	Aditya Gupta	215ID1176
3.	Detecting Deceptive Opinions in Online Review Systems	Anmol Dalmia	712CS2043
4.	Design and fabrication of foldable winged Ornithopter-A robotic aerial spy bird.	Debendra Pradhan	712ME4095
		Biswajit Swain	712ME4096
5.	Application of green refrigerants in Design and simulation of Refrigerator and Cryocooler	Sougat Das	215CH1045
6.	Artificial Farming technique for cherry and tomato cultivation (IOT)	Shashant Vijay	712EC2057
Best Project [M.Sc.(2 yr. & 5Yr), MA]			
Sl.No.	Name of the Project	Student	Roll No.
1.	PTAB Mediated Synthesis of medicianally important Aryl naphthofurans – The cheapest was out	Suchit Gupta	415CY2033

Above students are required to be present in the Senate Hall by 9.15 AM on 04.05.2017(Thursday) and submit project record books(if not submitted). The students will be given 15 minutes time to present their work through a Power Point presentation. The presentation will be followed by Question/Answer for another 5-10 minutes. The students are required to bring all data and record books, Referred Literature, Samples and working Models etc. and required to present the presentation highlighting the following only:

1. The novelty/originality of the concept/work
2. Work done
3. Results and discussions
4. Project output (Software/Hardware products)
5. Possibility of commercialization /industrialization
6. Patents related to the project
7. New experimental skills learnt

They may also bring a copy of the full thesis, if possible.

180417

Assistant Registrar(Academic-Res)

Copy to: All members of the Committee.
All faculty and students through group mail.