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F. No. 3-18/2015-T.S.-I(Vol. III)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Technical Section-I

Shastri Bhawan, New Delhi
Dated the 24th April, 2017

To,

The Director,
IIT Kanpur (National Coordinator of IMPRINT)

Subject:- 'In- principle' approval on proposals under IMPRINT.

Sir,

I am directed to refer to this Ministry's letter of even number dated 22-3-2017 conveying 'in- principle' approval on (7) proposals to be supported by MEITY and to convey in-principle approval on 12 proposals as per enclosed list to be supported by Industries/ Institutes/ Alumni/ other non- MHRD source to the extent of 50% of project cost.

The National Coordinator is requested to coordinate with the concerned Industries/ Alumni/ Institution/ donor, so that they release their share of funds for these projects at the earliest in order to enable MHRD to release its share.

Yours faithfully,

(Kundan Nath)

Under Secretary to the Government of India
Ph : 011-23381698

Copy to:

- 1) The Director, IIT Madras
- 2) The Director, IIT Kharagpur
- 3) The Director, IIT Delhi
- 4) The Director, IIT Guwahati
- 5) The Director, IIT Hyderabad
- 6) The Director, IIT Gandhinagar
- 7) The Director, IIT Allahabad
- 8) The Director, NIT Durgapur

Dean R & D
Gautam Sinha
4/5/17

AC/TE
+ copy to Prof. P. M. Uthappa
+ Prof. Anand Kumar

S. No.	Domain	Project No.	Project title	PI	Institute	Total 1st year cost of the project	Total 2nd year cost of the project	Total 3rd year cost of the project	Total cost of the project	Memory Department/ Institute/ Institution which will support the project to the extent of 40%
1	Advanced Materials	7165	Micro-arc assisted reduction of iron oxides: An innovative and cost effective approach for steel production.	Ajay Kumar Shukla	IIT Madras	109.2	171.4	52.2	332.8	JyW Steel's NMDC
2	Healthcare	6153	Microfluidic platform for continuous monitoring of gas concentrations for early level management of Systemic Inflammatory Response Syndrome (SIRS) in Trauma patients.	Ashu Kumar Sen	IIT Madras	187	102	07	296	IISR, IITM
3	Water Resources & River Systems	6291	Reclamation of Steel Industry Wastewater through Phytoremediation Technique Using Microalgae and Assessment of Biofuel Production from Algal Biomass	Sumita Dutta	NIT Durgapur	23.44	10.24	11.44	45.12	Abanm, NCH
4	Energy	6777	Design and development of energy efficient and environment friendly L.P.G. and Kerosene cooking stoves with Porous Radiant Burners for household and large scale cooking applications.	Nehash C. Mishra	IIT Guwahati	86.4	58.46	58.93	203.79	Industry-Industry
5	Healthcare	6177	Manufacturing Solution for the Preparation of Siddha Medicines (Traditional Medicines Originated from Tamil Nadu)	S Sridharvelan	IIT Guwahati	41.98	47.82	26.17	115.97	PI Industry-Industry
6	Energy	4504	Development and Evaluation of an eco-friendly temperature-gated ultrasonic wave based corrosion under insulation detection system for nuclear power plant pipes (GUMPS)	Krishan Balakrishnaiah	IIT Madras	185	101	108	394	Govt. AI
7	Manufacturing	6596	Manufacture of shells for field runs with improved design and performance.	Pradip Kumar Ray	IIT Kharagpur	110	80	0	190	Govt. Ministry of Defense
8	Healthcare	4292	Production of a critical therapeutic system for Trauma and Accident care in Escherichia Coli system.	Lajun Kumar Chaudhri	IIT Delhi	37.4	31.4	11.2	80	PI Industry-Industry
9	Information & Communication Technology	7482	Power Aware Compiler for Embedded Processors	Bibha Ghoshal	IIT Allahabad	25.8	14.66	0	40.46	PI Institute
10	Advanced Materials	4291	Affordable and cost effective cancer diagnosis/treatment using gold based biodegradable nanoparticles.	Arunod Kumar Rengan	IIT Hyderabad	87.3	36.2	31.8	155.3	Industry/Industry Govt. Doses
11	Energy	5254	Unlocking waste gas potential in India through a reservoir-geochemical approach	Vikram Vohal	IIT Bombay	92	38	43	173	DST + DRDC, IITB
12	Auto Technology	6804	Advanced macromer for product life cycle assessment	Suprab Misra	IIT Gandhinagar	71.42	46.632	39.37	157.426	Industry & Mesto Export

Team Members

SN	Name and Affiliation	Role and Contact Details
1	Dr S Senthilvelan Associate Professor, Department of Mechanical Engineering Indian Institute of Technology Guwahati Guwahati 781039	Principal Investigator Phone: 9135543129 Office: 0361-2582674 Email: ssvvelan@iitg.ernet.in
2	Dr S Kanagaraj Associate Professor, Department of Mechanical Engineering Indian Institute of Technology Guwahati Guwahati 781039	Co-Investigator Phone: 9957469518 Office: 0361-2582676 Email: kanagaraj@iitg.ernet.in
3	Prof P S Robi Professor, Department of Mechanical Engineering Indian Institute of Technology Guwahati Guwahati 781039	Co-Investigator Phone: 9957557637 Office: 0361-2582668 Email: psr@iitg.ernet.in
4	Prof . Kannan Pakshirajan Professor, Department of Biosciences and Bioengineering Indian Institute of Technology Guwahati Guwahati 781039	Co-Investigator Phone: 9435732706 Phone: 0 361-2582210 Email: pakshu@iitg.ernet.in
5	Prof G Pugazhenthir Professor, Department of Chemical Engineering Indian Institute of Technology Guwahati Guwahati 781039	Co-Investigator Phone: 9435543128 Office: 0361-2582264 Email: pugil@iitg.ernet.in
6	Prof R Gnanamoorthy Professor , Indian Institute of Technology Madras Currently Director, Indian Institute of Information Technology Design & Manufacturing (IIITD&M) Kancheepuram Melakottaiyur Village, Chennai - 600 127	Co-Investigator Phone: 9600087590 Office: 044-27476302 Email: gmoorthy@iitm.ac.in
7	Dr P Selva Shanmugam(MD Siddha), PhD Siddha Consultant Physician, President, World Siddha Trust Secretary, Health India Found 101, Usman Road, Thyagaraya Nagar, Chennai. 600017	Co-Investigator(Siddha Doctor) Phone: 98948 28968 E-mail: siddhaselva@yahoo.co.in
8	Dr J Raamachandran (Retd.) Professor Indian Institute of Technology Madras 5, Kamakoti Nagar, Alwarthiru Nagar Chennai 600 087	Co-Investigator(Siddha Practitioner) Phone: 9445285066 Email: raamrclandran@glbc.com
9	Prof R A Kalivani Professor, Director School of Basic Sciences Vels University Chennai 600117	Co-Investigator Email: rakvanit@yahoo.co.in