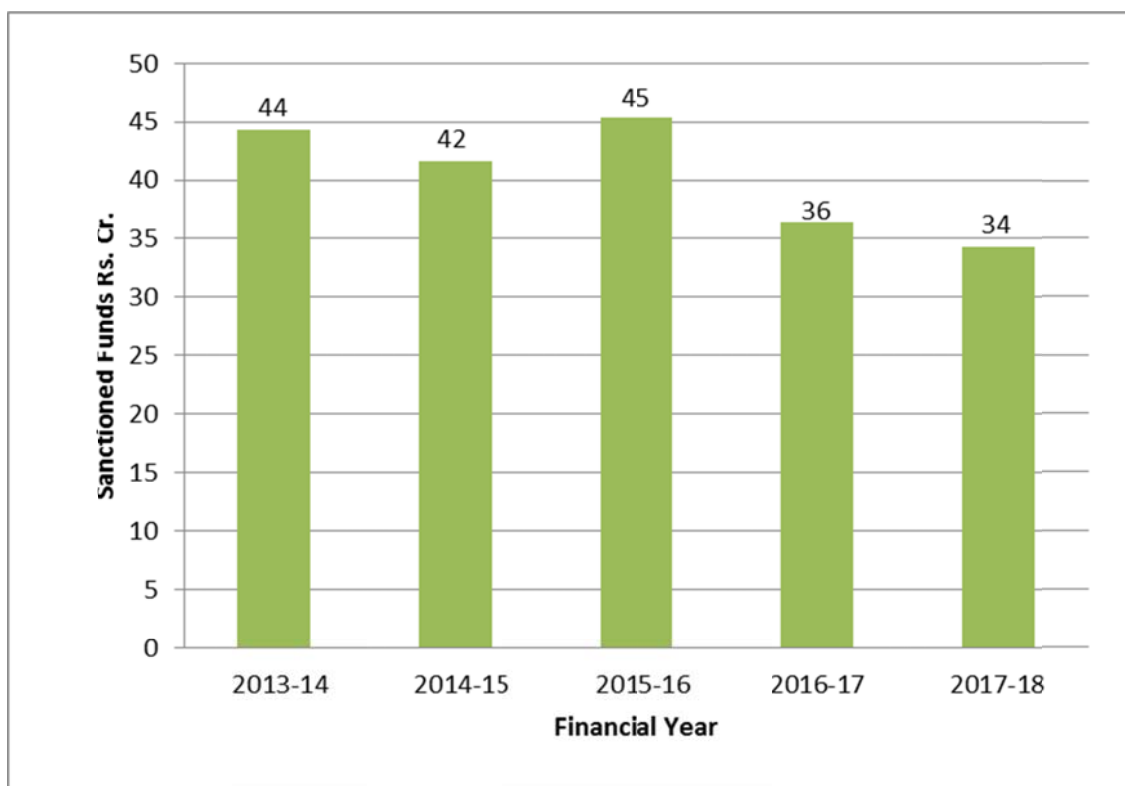


Consultancy Jobs Undertaken

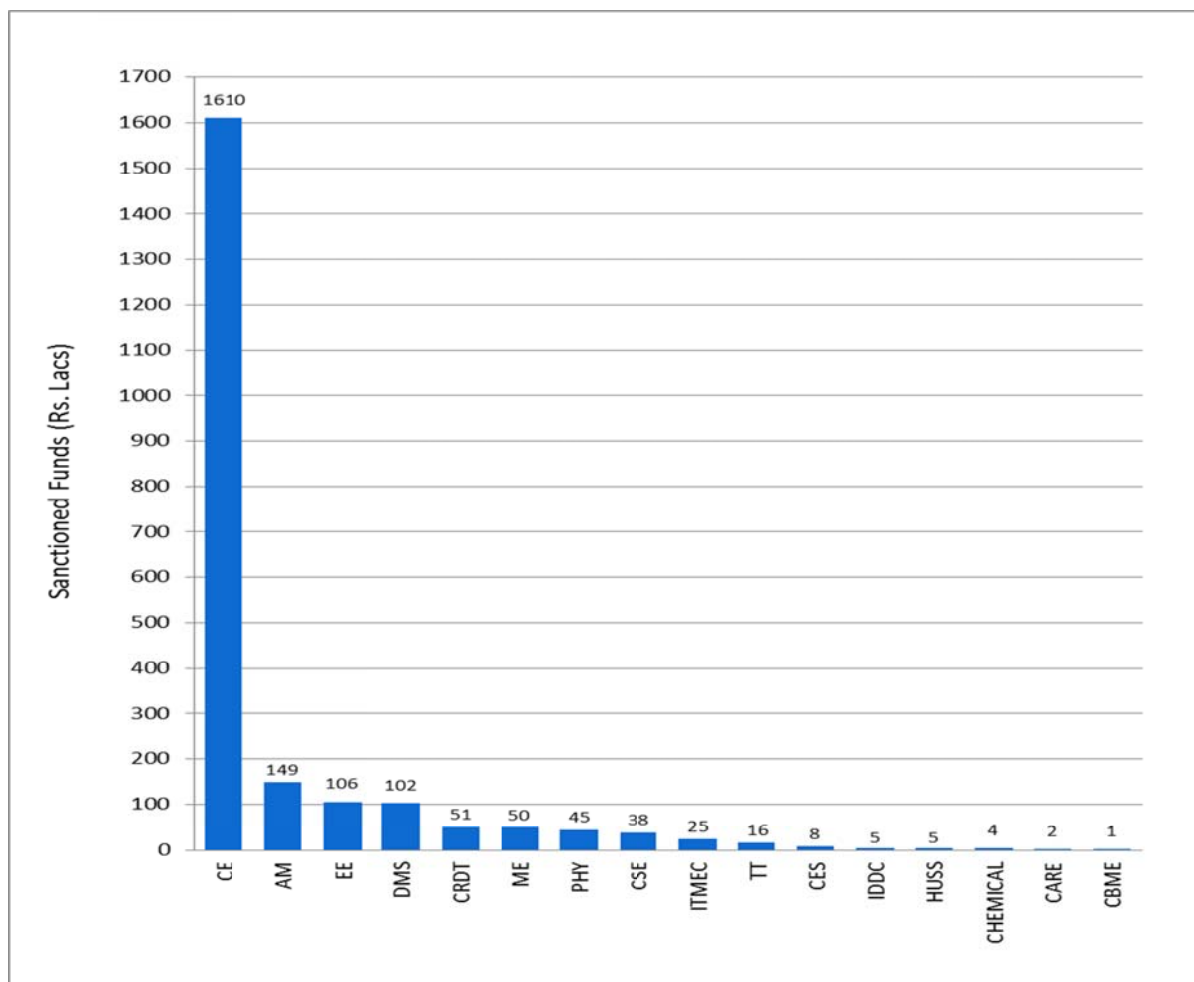
Financial Year	Consultancy Jobs (IRD)		Technology Development Projects / Contract Research (FITT)		HRD Programmes (FITT)		TOTAL
	No.	Value (Rs. Cr.)	No.	Value (Rs. Cr.)	No.	Value (Rs. Cr.)	Value (Rs. Cr.)
2013-14	430	27.31	72	14.11	41	2.88	44.30
2014-15	394	24.81	96	16.78			41.59
2015-16	365	29.29	79	16.06			45.35
2016-17	318	20.36	52	16.02			36.38
2017-18	282	22.18	51	12.08			34.26



**Department-wise Consultancy Jobs Undertaken (Through IRD Unit)
During the Financial Year 2017-18**

Department / Centre / School	No. of Projects	Total Sanctioned Funds (Rs. Lacs)
Dept. of Civil Engineering	205	1610
Department of Applied Mechanics	31	149
Dept. of Electrical Engineering	8	106
Dept. of Management Studies	7	102
Centre for Rural Development Technology	5	51
Dept. of Mechanical Engineering	6	50
Dept. of Physics	1	45
Dept. of Computer Science & Engg	7	38
Industrial Tribology, Machine Dynamics & Maintenance Engg.	3	25
Dept. of Textile Technology	2	16
Centre for Energy Studies	1	8
Instrument Design & Development Centre	2	5
Dept. of Humanities & Social Sciences	1	5
Dept. of Chemical Engineering	1	4
Centre for Applied Research in Electronics	1	2
Centre for Biomedical Engineering	1	1

Department-wise Summary of Consultancy Jobs Undertaken Through IRD Unit During the Financial Year 2017-18



CE	Dept. of Civil Engineering	ITMEC	Industrial Tribology, Machine Dynamics & Maintenance Engg.
AM	Department of Applied Mechanics	TT	Dept. of Textile Technology
EE	Dept. of Electrical Engineering	CES	Centre for Energy Studies
DMS	Dept. of Management Studies	IDDC	Instrument Design & Development Centre
CRDT	Centre for Rural Development Technology	HUSS	Dept. of Humanities & Social Sciences
ME	Dept. of Mechanical Engineering	CHEMICAL	Dept. of Chemical Engineering
PHY	Dept. of Physics	CARE	Centre for Applied Research in Electronics
CSE	Dept. of Computer Science & Engg	CBME	Centre for Biomedical Engineering

**International Consultancy Jobs Undertaken Through IRD Unit
During the Financial Year 2017-18**

Project No.	Project Title	Sponsoring Agency	Sanctioned Funds (Rs. Lacs)	Consultant Incharge & Department
CW14234F	Urban transport digital platforms in New Delhi, India : Aggravators or Facilitators	Julia Pomares Argentina	13.31	P Vigneswara Ilavarasan Dept. of Management Studies
CW14216F	Assistance with preparation for technical paper for UNFCCC	Margaree Consultants INC. Canada	5.03	Ambuj D Sagar Dept. of Humanities & Social Sciences

**Major Consultancy Jobs Undertaken Through IRD Unit During the Financial Year 2017-18
(with sanctioned value Rs. 25 Lacs and above)**

S. No.	Project No	Project Title	Sponsoring Agency	Sanctioned Funds (Rs. Lacs)	Consultant Incharge & Department
1.	CW14301N	Consultancy and review works including site visits and AERB meetings for ground improvement works GHAVP 1 & 2, NPCIL, Gorakhpur, Haryana	ITD Cementation India Limited, Mumbai India	122.00	Jagdish Telangrao Shahu Dept. of Civil Engineering
2.	CW14298G	Technical Advice and Checking of the Detailed Design for Kolkata Metro - Phase2	Rail Vikas Nigam Limited, New Delhi India	99.92	R Ayothiraman Dept. of Civil Engineering
3.	CW14214G	HYDRODYNAMIC SIMULATION OF 25 YR RETURN PERIOD FLOOD FLOW PROPAGATION FOR FLOOD PLAIN MAPPING OF RIVER HINDON	Irrigation Department, Govt. of UP India	60.00	Rakesh Khosa Dept. of Civil Engineering
4.	CW14168N	Dynamic Analysis of Spilway Section Including Underlying Soil/Rock and Efficacy of Plastic Cutoff Wall	Transstory-JSC"EC-UES" JV, Hyderabad-500073 India	53.98	VENKATA RAMANA GUNTURI Dept. of Civil Engineering
5.	CW14087G	Impact Evaluation Study of the Scheme Sub-mission on Seeds and Planting Material under National Mission on Agriculture Extension and Technology	Ministry of Agriculture & Farmers Welfare, N.D India	52.17	SEEMA SHARMA Dept. of Management Studies
6.	CW14204N	Professional advice and review of structural design and detailing of various components of Four Lane Elevated Highway between Samrala Chowk to Ludhiana Municipal Limit in the State of Punjab	GECPL - SPS CPL (JV) India	50.00	Dipti Ranjan Sahoo Dept. of Civil Engineering

7.	CW14279N	Energy Efficiency Fan with Induction Motor 35 watt and Air delivery 220 cmm, 1200 mm sweep	Havells India Ltd., Noida India	45.00	Bhim Singh Dept. of Electrical Engineering
8.	CW14278N	Self cleaning coating for domestic applications	Havells India Ltd., Noida India	45.00	Bodh Raj Dept. of Physics
9.	CW14150G	Consultancy Services for Proof-checking of Structural Design and Drawings of High-rise Buildings for Married Accommodation at Delhi Cantt.	DRDO Ministry of Defence, New Delhi - 10 India	40.00	DIPTI RANJAN SAHOO Dept. of Civil Engineering
10.	CW14171G	Assessment of Geotechnical & Structural Efficacy taking into Account the Soil-structure Interaction of the Existing Tunnel Stretch Between Kashmere Gate Section of Line 6&Tunnel Stretches of Line 7&8	Delhi Metro Rail Corporation Limited, New Delhi India	40.00	VENKATA RAMANA GUNTURI Dept. of Civil Engineering
11.	CW14047G	Three-Dimensional Continuum Analysis of Power House Complex using FLAC3D for Punatsangchhu-II H.E. Project (1020 MW), Bhutan	WAPCOS Limited, Gurgaon India	40.00	BAPPADITYA MANNA Dept. of Civil Engineering
12.	CW14315N	Performance Evaluation of Electrocoagulation based Sewage and wastewater treatment system and Adequacy Assessment Sewage Treatment Plants of various capacities	M/s. Confident Engineering India Pvt Ltd., Coimbatore India	36.00	Vivek Kumar Centre for Rural Development Technology (CRDT)
13.	CW14243N	Consultancy services for Jet Grouting Works at Polavaram Dam Project	Keller Ground Engineering India Pvt. Limited India	35.00	Venkata Ramana Gunturi Dept. of Civil Engineering
14.	CW14187G	Gas dispersion and fire hazard assessment in a CNG station and effects of usage of mobile/cellular phones	INDRAPRASTHA GAS LTD. India	33.00	Debabrata Dasgupta Dept. of Mechanical Engineering
15.	CW14242G	Widening of Bridges at Three Different Locations Sector 16A &18 and Sector 14 & 14A on Shahdra Outfall Drain, Revised Estimates Evaluation	N.O.I.D.A. India	32.82	A K Jain Dept. of Civil Engineering
16.	CW14170N	Performance Evaluation of Flow Elements and Derivation of in-situ Equation	Minco India Flow Elements Pvt. Ltd., Goa India	31.95	S.V. VEERAVALLI Dept. of Applied Mechanics
17.	CW14148G	Proof Checking of Structural Design for Proposed Institutional, Residential and Service Buildings of All India Institute of Medical Sciences (AIIMS) Campuses at Nagpur, Guntur and Kalyani	HSCC (India) Ltd.,Noida India	30.00	ALOK MADAN Dept. of Civil Engineering

18.	CW14101G	Proof-Checking of Nine Bridges of MTS-JHS Section and Six PRC Bridges of Package-1, MTJ-DHO in Third Line From Mathura to Jhansi in North-Central Railway	Rail Vikas Nigam Limited, New Delhi India	30.00	DIPTI RANJAN SAHOO Dept. of Civil Engineering
19.	CW14247N	Consultancy services for Ground Improvement through construction of stone columns for the proposed rail connectivity to the berth 13, 14, 15 and 16 of Kandla Port	Keller Ground Engineering Pvt. Limited India	30.00	Venkata Ramana Gunturi Dept. of Civil Engineering
20.	CW14050G	Professional Advice on Structural Analyses, Structural Designs and Detailed Drawings of the Mortuary, Sewage Treatment Plant, Radiation Therapy Block and Extended Basement of OPD for Dwarka Hospital, New Delhi	Public Works Department, New Delhi India	25.00	DIPTI RANJAN SAHOO Dept. of Civil Engineering
21.	CW14149N	Technical Advice & Approval of Concept, Design Basis Report & Structural Design and Drawings of Chennai and Guwahti Airport Expansion	AECOM Asia Co. Ltd., Gurugram India	25.00	ASHOK GUPTA Dept. of Civil Engineering