

BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI



FIFTY NINTH MEETING OF THE BOARD OF GOVERNORS

MINUTES

Date: 20th May, 2019

Time: 11.00 A.M.

**Place: Birla Tower
25 Barakhamba Road
NEW DELHI – 110 001**

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI

MINUTES

FIFTY NINTH MEETING OF THE BOARD OF GOVERNORS

Held at 11 AM on 20th May, 2019

Birla Tower, Barakhamba Road, New Delhi

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MEMBERS PRESENT

Shri C.K. Birla	- Chairman	
Dr. M.K. Mishra	- Member	Vice Chancellor
Shri S.N. Agarwal	- Member	Nominee of HCT
Dr. P. Ghosh	- Member	Nominee of General Council
Shri Madhavan Nayar	- Member	Nominee of HCT
Dr. (Mrs.) S. Shivani	- Member	Institute Faculty
Dr. Priyank Kumar	- Member	Institute Faculty

Also present:

Shri Sushant Jha	- Sp Secy-cum-Director DST, GoB	Special Invitee
Dr. S. Konar	- Dean (FA&SR)	Special Invitee
Shri Yogesh Goenka	- Hony. Treasurer	Special Invitee
Dr. A.P. Krishna	- Registrar (Actg.)	Secretary, BoG

Leave of absence was granted to the following members who could not attend the meeting:

Dr. Ajit K. Chaturvedi	- Member	Nominee of AICTE
Director (Central Universities)	- Member	Nominee of MHRD, GoI
Dr. (Mrs.) Renu Batra	- Member	Nominee of UGC
Shri Aroop Zutshi	- Member	Nominee of General Council
Dr. Arup Roy Choudhury	- Member	Nominee of General Council
Shri Rohit Saboo	- Member	Nominee of HCT
Shri Satendra Singh	- Member	Nominee of the Chancellor
Shri Rajesh Sharma	- Member	Secretary, DHTES, GoJ
Smt. Shubhra Verma	- Member	Commissioner, South Chhotanagpur Division

59.01 CONFIRMATION OF MINUTES

The Minutes of 58th meeting of the Board of Governors (BoG) of the Institute were confirmed.

[Annexure I]

59.02 ACTION TAKEN REPORT ON MATTERS CONSIDERED IN THE LAST MEETING

The follow-up actions for implementation of items considered in the 58th meeting of the Board were noted:

Item no. Follow up action on matters considered by BOG

58.11 As per approval of the Board and existing provisions of the UGC Regulation on Child Adoption Leave, it stands notified that female faculty / staff shall be entitled for Child Adoption Leave for a period of 180 days, on adoption of a child up to the age of one year, on the lines of maternity leave admissible to natural mothers, having less than two surviving children.

58.14 Change of signatories for some of the Institute bank accounts have taken effect as approved.

59.03 ANNUAL REPORT 2017-18

Board adopted the Annual Report AY 2017-18.

59.04 ANNUAL ACCOUNTS AND AUDIT REPORT FOR FINANCIAL YEAR 2018-19

Board considered and adopted Institute's Annual Accounts and the Auditor's report for the FY 2018-19.

59.05 BUDGET ESTIMATES FOR FY2019-20 AS RECOMMENDED BY THE FINANCE COMMITTEE

Board approved the budget estimates for FY2019-20 recommended by the Finance Committee.

59.06 XXIX CONVOCATION

Board noted that XXIX Convocation of the Institute was held on 28th February 2019 in the G.P. Birla Auditorium of the Institute, presided over by the Honourable Governor of Jharkhand our Chancellor Smt. Droupadi Murmu in presence of Shri C.K. Birla, Chairman, Board of Governors of the Institute. Chief Guest of the occasion was Dasho Dorji Choden (Our Alumna, 1st Lady Engineer of Bhutan and Ex-Minister of Bhutan's Work and Human Settlement Ministry) who delivered the convocation address.

59.07 DEGREE CEREMONY FOR OFF-CAMPUSES

Board noted that the Degree ceremony for Off-Campuses and University Polytechnic were held as per the schedule below:

1. 03.03.2019 - LALPUR and KOLKATA held at LALPUR
2. 03.03.2019 - University Polytechnic held at Polytechnic, MESRA
3. 09.03.2019 - For PATNA, DEOGHAR and ALLAHABAD held at PATNA
4. 16.03.2019 - For JAIPUR and NOIDA held at NOIDA
5. 29.03.2019 - For RAK, UAE
6. 31.03.2019 - For Muscat, OMAN

59.08 RELEASE OF DUES BY GOVT. OF JHARKHAND

Board noted that a total of Rs. 60 Crores have been released by the Government of Jharkhand in FY 2018-19 as per the MOU signed during May 2017.

59.09 INFORMATION ON STAFF MATTERS

Board noted the details of resignation, superannuation, study leave, sabbatical leave, extra-ordinary leave, maternity leave etc. for BIT staff members.

[Annexure II]

59.10 PROMOTIONS AND TRANSFERS

Board noted the Promotions under Career Advancement Scheme (CAS) for the faculty members and other promotions of non-teaching staff as well as transfers.

[Annexure III]

59.11 RENOVATIONS/INFRASTRUCTURE UPGRADATIONS

Board noted the renovations/infrastructure upgradations in respect of the following:

Administrative wing fully renovated and functional from the month of February 2019.

Additional 700 KW Solar power capacity bringing up the total installed solar power capacity in the campus to 1 MW.

Work on upgradation of existing 11KVA electrical sub-station to 33 KVA sub-station commenced and being executed by M/S SIEMENS Electricals with MECON as Project Management Consultant (PMC).

59.12 CAMPUS PLACEMENT

Board noted that during the year 2018-19, a total of 141 recruiters, generating 859 offers for full time employment (including all campuses) & 353 internships covering all major sectors of the Industry, visited BIT, for participation in the Campus Recruitment Program. Total offers generated were with several multiple offers too.

[Annexure IV]

59.13 STUDENT ACTIVITIES

Board noted that the students of B I T Mesra and other off Campuses organized several technical and cultural activities and also participated in many sports and game events.

[Annexure V]

59.14 RESTRUCTURING/MERGING OF ACADEMIC DEPARTMENTS

Board was informed that as directed in its 58th meeting on 26th February 2019, visit of Dr. P. Ghosh, Member, Board of Governors was arranged to the Institute during 7th May to 10th May 2019. Presentation of his observations/recommendations was deferred.

59.15 OPENING / OPERATION OF BANK ACCOUNTS

Board approved to keep the account no. 625901135681 of ICICI Bank Ltd., Exhibition Road, Patna operational, in view of scholarships from various agencies being received in it, which was to be closed as per the decision of the Board in its 54th meeting.

59.16 RENEWAL OF REGISTRATION UNDER FOREIGN CONTRIBUTION (REGULATION) ACT (FCRA)

Board noted that the Institute has been granted renewal of its registration by FCRA Wing of Ministry of Home Affairs, GoI under reference no. 0300007322016 dated 06.04.2019 with validity upto 31.10.2021 (i.e. 5 years from 01.11.2016). This registration (no. 337800102; Nature – Educational) shall enable the Institute to receive foreign contributions in designated bank account for this purpose. Renewal certificate is annexed.

[Annexure VI]

59.17 CORE VALUES BASED ON VISION AND MISSION OF THE INSTITUTE

Board approved the core values of the Institute and the short term and long-term plans for achieving these as per the NAAC accreditation requirements. Details are annexed.

[Annexure VII]

59.18 TEQIP-III RELATED MANDATORY PROVISIONING OF INSTITUTE REVENUES

Board approved the provisioning of Institute revenues as mandated in TEQIP-III. Details are annexed.

[Annexure VIII]

59.19 ANY OTHER ITEM(S) WITH PERMISSION OF THE CHAIR

I. Chairman informed the Board that the Vice-Chancellor Dr, Manoj Kumar Mishra had tendered his resignation which was accepted by him. Accordingly, Dr. Mishra shall be relieved from the Institute on July 1, 2019 as per applicable norms.

II. Chairman designated Dr. Swapan Konar, Dean (Faculty Affairs and Sponsored Research), BIT Mesra as the Acting Vice-Chancellor to take charge from Dr. Mishra on July 1, 2019.



(Dr. A.P. Krishna)
Registrar (Actg.) & Secretary
Board of Governors
BIT, Mesra, Ranchi

Date: November 29, 2019

ANNEXURE – I

(Item No. :59.01)

Confirmation

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI

MINUTES

FIFTY EIGHTH MEETING OF THE BOARD OF GOVERNORS

Held at 3 PM on 26th February, 2019

Birla Institute of Technology (BIT) Mesra, Ranchi – 835215

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MEMBERS PRESENT

Shri CK Birla	- Chairman	
Dr. M.K. Mishra	- Member	Vice Chancellor
Shri S.N. Agarwal	- Member	Nominee of HCT
Dr. P. Ghosh	- Member	Nominee of General Council
Mr. Niranjana Kumar	- Member	Nominee of Commissioner, South Chhotanagpur Division
Dr. (Mrs.) S. Shivani	- Member	Institute Faculty
Dr. Priyanka Kumar	- Member	Institute Faculty

Also present:

Shri Yogesh Goenka	- Hony. Treasurer	Special Invitee
Dr. A.P. Krishna	- Registrar (Actg.)	Secretary, BoG

Leave of absence was granted to the following members who could not attend the meeting:

Dr. Ajit K. Chaturvedi	- Member	Nominee of AICTE
Director (Central Universities)	- Member	Nominee of MHRD, GoI
Dr. (Mrs.) Renu Batra	- Member	Nominee of UGC
Shri Madhavan Nayar	- Member	Nominee of HCT
Shri Aroop Zutshi	- Member	Nominee of General Council
Dr. Arup Roy Choudhury	- Member	Nominee of General Council
Shri Rohit Saboo	- Member	Nominee of HCT
Shri Satendra Singh	- Member	Nominee of the Chancellor
Shri Rajesh Sharma	- Member	Secretary, DHTES, GoJ

58.01 CONFIRMATION OF MINUTES

The Minutes of 57th meeting of the Board of Governors (BoG) of the Institute were confirmed.

[Annexure I]

58.02 ACTION TAKEN REPORT ON MATTERS CONSIDERED IN THE LAST MEETING

The follow-up actions for implementation of items considered in the 57th meeting of the Board were noted:

Item no. Follow up action on matters considered by BOG

57.12 *Revised UG and PG curricula conforming to Outcome Based Education (OBE)/Choice Based Credit System (CBCS) and revised PhD Ordinance have been made operational in the AY18-19.*

57.13 *As stipulated by UGC Regulation 2016, a revised Memorandum of Association and Rules have been submitted to UGC.*

NAAC accreditation is being pursued with M/S ICARE PVT. LTD. as consultant.

Our partners at Ras Al Khaima and Muscat Off shore campuses were informed about our inability to continue with the present arrangements due to changed UGC regulations. We are in teach out mode to conclude these partnerships.

The programs being run at Kolkata Centre stand closed.

The final semester of B.E. at Allahabad Centre is nearing completion.

Employees from RAK, Muscat, Kolkata and Allahabad are being redeployed.

- 57.19
- *As approved, Adjunct Faculty provisions have begun to be implemented. The list of those inducted as Adjunct faculty is placed as Annexure II*
 - *For performance assessment by Aon Consulting Pvt Ltd, necessary initiatives are underway*

58.03 VISIT OF NBA TEAMS FOR ACCREDITATION OF TECHNICAL COURSES

Board noted the outcome of the visits of NBA expert teams to the Institute for accreditation of various technical programmes.

[Annexure III]

58.04 IMMERSIVE SUMMER RESEARCH EXPERIENCE (ISRE) AT ILLINOIS INSTITUTE OF TECHNOLOGY (IIT), CHICAGO AND CARNEGIE MELLON UNIVERSITY, PITTSBURGH

Board noted that 9 UG students participated in ISRE at Illinois Institute of Technology (IIT), Chicago and 3 at Carnegie Mellon University (CMU), Pittsburgh with equal sharing of expenses by BIT, BIT Mesra Alumni Association-North America (BITMAA-NA) and participants.

[Annexure IV]

58.05 ARREARS OF SALARY AS PER 7TH CENTRAL PAY COMMISSION(CPC)

Board noted that the 7th CPC stood fully implemented and arrears fully paid.

58.06 INFORMATION ON STAFF MATTERS

Board noted the details of resignation, superannuation, study leave, sabbatical leave, extra-ordinary leave, maternity leave etc. for BIT staff members.

[Annexure V]

58.07 PROMOTIONS, TRANSFERS AND RECRUITMENT

Board noted the details of Promotions under Career Advancement Scheme (CAS) for the faculty members and other promotions of non-teaching staff as well as transfers and recruitments.

[Annexure VI]

58.08 CAMPUS PLACEMENT

Board noted that during the year 2018-19, a total of 108 recruiters visited BIT up to 31.01.2019 for participation in the Campus Recruitment Program generating 614 numbers of full Time Employment offers inclusive of all campuses with several multiple offers; and 190 numbers of Internship offers (Mesra campus) across different sectors of the industry.

[Annexure VII]

58.09 STUDENT ACTIVITIES

Board noted that the students of B I T Mesra and other off campuses organized several technical and cultural activities, including participation in many sports and games.

[Annexure VIII]

58.10 XXIX CONVOCATION

Board approved the degrees and diplomas to be conferred in the XXIX convocation.

[Annexure IX]

58.11 CHILD ADOPTION LEAVE

Board approved the child adoption leave as per the existing provisions in the UGC Regulations. Under this type of leave, any female faculty / staff shall be entitled for Child Adoption Leave for a period of 180 days, on adoption of a child up to the age of one year, on the lines of maternity leave admissible to natural mothers, having less than two surviving children.

58.12 PRO VICE-CHANCELLOR

Board deferred the proposal of creating a position of Pro Vice-Chancellor which was put up before the board as provided under Clause 6.5 of Annexure 2 of UGC (Institution Deemed to be University) Regulation 2016. Board wanted more clarity in terms of our new MoA submitted to UGC and its approval by MHRD.

58.13 CENTRE OF EXCELLENCE PROPOSALS

Board noted that Proposals from Departments of Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering for setting-up of Centres of Excellence in these Departments were appraised by the Academic Advisory Board (AAB) and the Subject Experts. Board further directed that the proposals be internally processed for inclusion in the FY 2019-20 budget.

58.14 OPENING / OPERATION OF BANK ACCOUNTS

Board approved the change of signatories for some bank accounts as proposed.

[Annexure X]

58.15 ANY OTHER ITEM(S) WITH PERMISSION OF THE CHAIR

RESTRUCTURING/MERGING OF ACADEMIC DEPARTMENTS - Board directed that restructuring/merging of some departments be undertaken and nominated Dr. P. Ghosh, Member, Board of Governors to carry out the same by visiting BIT Mesra. His observations/recommendations to be available to the Board in its next meeting.



(Dr. A.P. Krishna)
Registrar (Actg.) & Secretary
Board of Governors
BIT, Mesra, Ranchi

Date: May 20, 2019

ANNEXURE – II

(Item No. :59.09)

Information on Staff Matters

RESIGNATION

The following persons have resigned from the Institute due to personal reasons:

Sl. No	EC	Name	Designation	Department/ Centre	Date of Resignation
1	10312	Mrs. Kanika Joshi	Teaching cum RF	BITEC - Jaipur	30.11.2018

SUPERANNUATION

Sl. No	EC	Name	Designation	Department/ Centre	Date of Superannuation
1	2077	Mr. Indu Bhushan Chaudhary	Senior Engineer	BITEC - Deoghar	28-Feb-19
2	6701	Mr. Mahesh Mahto	Peon	O/o Addl. Registrar	28-Feb-19
3	8904	Mr. Subrata Mukherjee	Hostel Supervisor	University Polytechnic	28-Feb-19
4	10082	Mr. Kunj Bihari Mahto	Peon	Central Library	28-Feb-19
5	4198	Mr. Gariba Ram	Sweeper	Estate Office	31-Mar-19
6	1980	Mr. Om Bahadur	Peon	BITEC - Noida	30-Apr-19
7	2043	Dr. Swapan Kumar Bose	Professor	Management	30-Apr-19
8	2064	Dr. Swapan Kumar Chakraborty	Professor	Mathematics	30-Apr-19
9	2144	Mr. Sukhal Nath Mahto	Mason	Water Supply	30-Apr-19
10	2538	Mr. Deepak Chanda	Jr. Mechanic	BIT-STEP	30-Apr-19

STUDY LEAVE / EXTRA ORDINARY LEAVE (EOL)

Name	Designation	Department	Purpose	Leave From	To	Remarks
With Pay						
Mr. Nilesh Kr. Rajalwal	Assistant Professor	E.E.E.	Study Leave	07.04.2019	31.05.2019	Extension
Without Pay						
Mr. Subrat Kumar Swain	Assistant Professor	E.E.E.	Study Leave	14.02.2019	13.02.2022	

ADOPTION LEAVE

Sl. No	EC	Name	Designation	Department/ Centre	From	To
1	10314	Dr. (Mrs.) Nishi Srivastava	Assistant Professor	Department of Physics	24.04.2019	20.10.2019

ANNEXURE – III

(Item No. :59.10)

Promotions and Transfers

TRANSFERS

S.N.	Name	Designation	Transferred from	Transferred to	w. e. f.
1.	Dr. Sushil Kumar	Assistant Professor	BITIC - Muscat	BIT Off Campus - Patna	SP - 2019
2.	Mr. Sultan Khan	Lecturer	BITIC - Muscat	BIT Off Campus - Patna	SP - 2019
3.	Mr. Akhilesh Kumar Roy	Assistant Professor	BITIC - Muscat	BIT Off Campus – Deoghar	SP - 2019

ANNEXURE – IV

(Item No. :59.12)

Campus Placements

CAMPUS RECRUITMENT PROGRAMME 2018-19

Overview

Total number of recruiters visited BIT Mesra is 141, which has generated 859 numbers of Full Time Employments (including all Campuses) and 353 numbers of Internship offers across different sectors of the industry. Major recruiters ranging from Investment Banks to Analytics & Consulting, Automobile to Heavy Engineering and Infrastructure, IT Product to IT Services visited the campus for placement.

33 companies have visited BIT Mesra for the first time this year and the recruiters who visited last year for the first time have continued this year and the process yielded satisfactory results. Several meritorious students have received multiple offers.

The BE students of Mesra Campus with a total batch strength of 666 and a total of 554 eligible students, received a total of 434 offers and 409 students have already been placed. Considering the percentage placement of eligible students, 89% students from BE Computer Science, 76% from BE Electronics & Communication & 96% from BE Information Technology, 64% of the BE Mechanical Engineering, 76% of BE Production Engineering and 73% of BE Electrical Engineering students got offers from different sectors. Likewise, 71%, 56%, 56% and 38% of students from Chemical, Chemical & Polymer, Civil and Bio-Engineering respectively have got placed.

Highlights of Recruitment Mesra Campus

	BE	ME/MTech	MBA	MCA	B. Pharm	M.Pharm.	IMSc.
Avg. Salary	10.4	5.73	4.35	5.25	3.75	3.88	5.77
% Placement w.r.t. Eligible students	74%	10%	87%	72%	28%	35%	40%
% Placement w.r.t. Batch strength	61%	7%	76%	70%	14%	32%	21%
Min. Salary	3.38	2.3	2.5	3	2.75	2.75	2.75
Maximum Salary	40.63	11.62	7	8	6	7	11.5
Median Salary	8	5	4	6.3	3	2.75	5.3

BE Placements (last 3 years)

	2016-17	2017-18	2018-19
No. of Students Eligible	563	533	554
No. of Students Placed	401	422	409
% Placement	71%	79%	74%
Average Salary	6.85	9.11	10.39
Maximum Salary	26.97	34.00	40.63
Minimum Salary	3.15	2.40	3.38
Median Salary	-	7.5	8

List of Company and Number of Full Time Offers

CompanyName	Offers	CTC (INR)
Accenture Services Pvt. Ltd	2	867375
Accures Legal	1	780000
Aditya Birla Fashion & Retail Ltd	1	425000
Adobe Systems	1	4063000
ADROSONIC (Research & Innovation)	3	508432
ADROSONIC (Software Analyst)	7	840576
Affine Analytics	4	600000
Amadeus Software Labs	4	835464
Amazon (SDE)	3	2700000
Amazon (AM)	4	1750000
Amdocs	38	630000
Amnex Infotechnologies	4	230000
APAC Sourcing Solutions Ltd.	1	400000
Axis Bank	7	805368
AXIS Institute	1	561600
Axxela Advisory Services LLP	1	1100000
Bajaj Electricals	1	475000
Bandhan Bank	11	400000
Baylen De Louis	1	350000
Bharti Airtel	1	350000
Buyhatke	2	1411000
Byjus (BDA)	6	700000
Byjusv (Content & Media Profile)	12	600000
Cadella	3	700000
Capgemini Technology Services India Limited	15	600000
CGI	12	711000
Cholamandalam Investment & Finance Comp. Ltd.	3	500000
Cipla Ltd. (R&D)	1	400000
Cipla Ltd. (Sales)	2	275000
Cognizant	17	338000
Cypress Semiconductors	3	959383
Deloitte Consulting India Pvt Ltd	7	620000
DRL	7	450000
Edvizo Media Pvt. Ltd.	1	750000
Endurance Technologies Ltd.	2	600000
Ericsson	2	525000
EXL Service	8	500000
Fastenal India Sourcing, IT & Procurement Pvt Ltd	4	1150000
Federal Bank	1	690000
Futures First Info Services Pvt. Ltd	2	1240000
Gandhi Fellowship	3	360000

Godrej & Boyce	1	525000
Goldman Sachs	7	2200000
HCL Technologies	2	750000
HDFC Asset Management Company Limited	1	300000
HDFC BANK	3	423000
Hero Moto Corps	5	700000
Hewlett Packard Enterprise	1	1130000
Hindalco Industries	7	660000
Hyderabad Industries Ltd.	2	450000
ICICI Bank	20	400000
ICICI Securities Limited	2	400000
IFB	3	450000
Indian Oil Corporation Limited	8	1730000
Indus Valley Partners (IVP)	2	1200000
IndusInd Bank	2	400000
Infoedge	7	950000
Infosys Ltd. (Specialist Programmer)	5	800000
Infosys Ltd. (SDE)	22	360000
Innovaccer Analytics Pvt. Ltd.	1	1200000
Intuit	3	2516000
JnJ	2	300000
JSW Steel Ltd	3	553000
JUSCO	10	669000
Karvy Stock Broking Ltd.	2	250000
Kota Talent Academy	1	500000
KPMG	7	470000
L&T Constructions	6	600000
Lowes India Services	2	850000
Mahindra Comviva	2	663000
Mahindra Financial	9	600000
Maq Software	1	700000
Maruti Suzuki	8	800000
Microland Limited	4	1250000
Microsoft India Development Centre	20	3902000
NathCorp	2	320000
NBC Bearings	3	580000
Netscribes (India) Private Limited	2	380000
NXP	3	967000
OPTUM	8	1048250
Oracle OFSS	5	640454
Paytm	13	900000
Presidency University - Bangalore	1	600000
Pricewaterhouse Coopers (Pwc)	24	841000

Prism Johnson	1	475000
Quality Council of India	2	660000
Reliance Industries Limited	1	550000
Reliance JIO	1	450000
S K SAMANTA	7	360000
Sabre	5	1400000
Salesforce	2	3082000
Samsung R&D Institute Bangalore	3	900000
Samsung R&D Institute Noida	3	1050000
Societe General	8	1200000
Stellium	6	650000
Strides Pharma Science Limited	13	275000
Synopsys	9	1495419
Tata Aig	4	475000
TATA Autocomp Systems Ltd.	2	500000
TATA Hitachi	1	625000
TATA IQ	1	600000
Tata Motors	4	600000
Tata Power	3	550000
Tata Steel (MT Systems)	4	880000
Tata Steel (MT Tech)	10	1011000
Techstern Solutions	6	350000
Techture Structures Pvt. Limited	1	450000
TEQFORCE Solutions	1	300000
Times Internet	3	1350000
Utkarsh Small Finance Bank	2	250000
VARROC	1	400000
Vedanta Limited	10	800000
Visa	3	1450000
VKC Group	1	360000
Vm Ware	3	1800000
Vodafone	1	425000
Walmart Labs	5	1857000
Wipro	14	550000
YourOwnROOM	1	420000
ZS Associates India Pvt. Ltd.	3	653000

List of Company and Number of Internship Offers

Sr.	Recruiter	Pre-Final Year (2 months)	Final Year (6 months)
1	Accures Legal	1	
2	ADROSONIC IT Consultancy Services Pvt Ltd		3
3	Amadeus Software Labs		9
4	Amazon		8
6	Amdocs	10	8
8	Buyhatke	2	2
9	Byjus	1	8
10	Chaibasa Dist. Administration SIP (CDA-SIP)	6	
12	Cognizant		2
13	Crisil		1
14	Cypress Semiconductors		2
15	Deloitte		4
16	Directi		3
17	Edvizo Media Pvt. Ltd.		1
18	EXL Service		3
19	Fastenal India Sourcing, IT & Procurement Pvt Ltd		4
21	Futures First Info Services Pvt. Ltd		2
22	GMR	2	
24	Goldman Sachs	4	7
26	HDFC Bank	11	
27	Hero MotoCorp	2	
30	Hyderabad Industries Limited	2	
31	IBM		5
32	Indus Valley Partners (IVP)	1	
33b	Infineon Technologies		9
34	Infosys Ltd.		3
35	Innovaccer Analytics Pvt. Ltd.		1
36	Intuit	3	3
39	ISWPL	5	
41	KPMG		7
44	Lubrizol	2	
45	Mahindra Comviva		1
50	MAQ Software		9
53	Microland Limited	2	4
54	Microsoft	11	
57	Miebach Consulting		2
58	Minnova		6
59	MotorHaat	4	
65	NVIDIA Corporation		11
66	NXP Noida		6
67	Outlook	5	
68a	Pricewaterhouse Coopers (Pwc)	8	
71	ProYuga		5

75	Qubole		3
76	Reliance Industries Limited	6	
79	Sabre		5
81	Salesforce	3	
85	Samsung Noida		4
86	Samsung R&D Institute Bangalore		3
99	Sapient		2
101	SBI Bank	3	
102	Stellium		2
103	Synopsys		11
104	Tata Auto Comp	4	
106	Tata Steel	23	
107	Techstern Solutions		10
109	Techture		4
126	Teg Analytics		3
130	Times Internet		11
132	Unilever Industries Private Limited		10
134	Visa	1	
135	Vm Ware		3
136	Walmart Labs	6	5
138	WheelsEye		9
139	ZS Associates India Pvt. Ltd.		1

Discipline	Branch-Specialization	Batch Strength	Eligible (CGPA>=6.5 , No Backlog, Not Null)	Placed	% Placed (Eligible)	% Placed (Strength)	Eligible but not Placed		Registered but not Eligible		Not Registered		Avg. Salary	Max Salary	Min Salary	Median Salary
							No.	%	No.	%	No.	%				
BE	BIOENGINEERING	36	29	11	38%	31%	18	50%	7	19%	0	0%	622794.18	805368	360000	600000
BE	CHEMICAL ENGINEERING	43	34	24	71%	56%	10	23%	9	21%	0	0%	783526.04	1750000	338000	600000
BE	CHEMICAL ENGINEERING - PLASTICS AND POLYMER	35	25	14	56%	40%	11	31%	10	29%	0	0%	611357.14	1011000	338000	600000
BE	CIVIL ENGINEERING	51	39	22	56%	43%	17	33%	8	16%	4	8%	563954.55	750000	360000	600000
BE	COMPUTER SCIENCE AND ENGINEERING	130	117	104	89%	80%	13	10%	13	10%	0	0%	1398751.06	3902200	470000	980500
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	53	45	33	73%	62%	12	23%	7	13%	1	2%	814058.21	1730000	338000	800000
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	119	93	71	76%	60%	22	18%	24	20%	2	2%	899756.94	4063000	338000	663000
BE	INFORMATION TECHNOLOGY	59	49	47	96%	80%	2	3%	9	15%	1	2%	1693102.62	3902200	525000	1048250
BE	MECHANICAL ENGINEERING	92	85	54	64%	59%	31	34%	6	7%	1	1%	821122.44	1750000	360000	700000
BE	PRODUCTION ENGINEERING	48	38	29	76%	60%	9	19%	10	21%	0	0%	627508.14	1011000	338000	600000
BE		666	554	409	74%	61%	145	22%	103	15%	9	1%	1039003.19	4063000	338000	800000
M.TECH	COMPUTER SCIENCE	13	12	3	25%	23%	9	69%	1	8%	0	0%	759434.33	968303	360000	950000
M.TECH	ENERGY TECHNOLOGY	11	6	0	0%	0%	6	55%	4	36%	1	9%	0	0		
M.TECH	INFORMATION SECURITY	5	4	1	25%	20%	3	60%	1	20%	0	0%	350000	350000	350000	350000
M.TECH	INFORMATION-TECHNOLOGY	10	8	1	13%	10%	7	70%	2	20%	0	0%	350000	350000	350000	350000
M.TECH	REMOTE SENSING	12	5	2	40%	17%	3	25%	1	8%	6	50%	230000	230000	230000	230000
M.TECH	BIOTECHNOLOGY	5	3	1	33%	20%	2	40%	2	40%	0	0%	500000	500000	500000	500000
M.TECH	ENVIRONMENTAL SCIENCE AND ENGINEERING	9	1	0	0%	0%	1	11%	2	22%	6	67%	0	0		
M.TECH		65	39	8	21%	12%	31	48%	13	20%	13	20%	492287.88	968303	230000	355000
ME	CHE - CHEMICAL ENGINEERING	2	1	0	0%	0%	1	50%	1	50%	0	0%	1	0		
ME	CIVIL - SOIL MECHANICS AND FOUNDATION	9	6	0	0%	0%	6	67%	3	33%	0	0%	0	0		
ME	CIVIL - STRUCTURAL ENGINEERING	12	11	0	0%	0%	11	92%	0	0%	1	8%	0	0		
ME	ECE - INSTRUMENTATION AND CONTROL	6	4	0	0%	0%	4	67%	2	33%	0	0%	0	0		
ME	ECE - MICROWAVE ENGINEERING	7	4	0	0%	0%	4	57%	1	14%	2	29%	0	0		
ME	ECE - WIRELESS COMMUNICATION	12	5	2	40%	17%	3	25%	7	58%	0	0%	480000	600000	360000	480000
ME	EE - CONTROL SYSTEMS	8	7	1	14%	13%	6	75%	1	13%	0	0%	1162120	1162120	1162120	1162120
ME	EE - POWER ELECTRONICS	13	10	0	0%	0%	10	77%	3	23%	0	0%	0	0		
ME	EE- POWER SYSTEMS	11	7	0	0%	0%	7	64%	4	36%	0	0%	0	0		
ME	MECH - CAAD	6	4	1	25%	17%	3	50%	1	17%	1	17%	700000	700000	700000	700000
ME	MECH - DESIGN OF MECHANICAL EQUIPMENT	8	8	0	0%	0%	8	100%	1	13%	-1	-13%	0	0		
ME	MECH - HEAT POWER	12	10	1	10%	8%	9	75%	1	8%	1	8%	700000	700000	700000	700000
ME	PROD - AUTOMATION MANUFACTURING SYSTEM	6	4	0	0%	0%	4	67%	2	33%	0	0%	0	0		
ME	ROCKETRY - AERODYNAMICS	4	3	0	0%	0%	3	75%	1	25%	0	0%	0	0		
ME	ROCKETRY - ROCKET PROPULSION	8	1	0	0%	0%	1	13%	0	0%	4	50%	0	0		
ME		124	85	5	6%	4%	80	65%	31	25%	8	6%	704424	1162120	360000	700000
B.PHARMA	PHARMACY	51	25	7	28%	14%	18	35%	25	49%	1	2%	375000	600000	275000	300000

Discipline	Branch-Specialization	Batch Strength	Eligible (CGPA>=6.5 , No Backlog, Not Null)	Placed	% Placed (Eligible)	% Placed (Strength)	Eligible but not Placed		Registered but not Eligible		Not Registered		Avg. Salary	Max Salary	Min Salary	Median Salary
							No.	%	No.	%	No.	%				
B.PHARMA		51	25	7	28%	14%	18	35%	25	49%	1	2%	375000	600000	275000	300000
M.PHARMA	PHARMACEUTICAL CHEMISTRY	13	11	3	27%	23%	8	62%	2	15%	0	0%	275000	275000		
M.PHARMA	PHARMACEUTICS	15	14	6	43%	40%	8	53%	1	7%	0	0%	495833.33	700000		
M.PHARMA	PHARMACOLOGY	12	11	1	9%	8%	10	83%	1	8%	0	0%	275000	275000		
M.PHARMA	QUALITY ASSURANCE AND REGULATORY AFFAIRS	13	12	7	58%	54%	5	38%	1	8%	0	0%	360714.29	700000		
M.PHARMA		53	48	17	35%	32%	31	58%	5	9%	0	0%	388235.29	700000	275000	275000
MBA	FINANCE AND HUMAN RESOURCES	10	8	7	88%	70%	1	10%	2	20%	0	0%	410428.57	600000		
MBA	FINANCE AND IT	1	1	1	100%	100%	0	0%	0	0%	0	0%	400000	400000		
MBA	FINANCE AND MARKETING	38	36	33	92%	87%	3	8%	2	5%	0	0%	426303.03	690000		
MBA	HUMAN RESOURCES AND IT	1	0	0	0%	0%	0	0%	1	100%	0	0%	0	0		
MBA	MARKETING AND HUMAN RESOURCES	37	31	25	81%	68%	6	16%	6	16%	0	0%	452526.2	700000		
MBA	MARKETING AND IT	7	6	5	71%	71%	2	29%	0	0%	0	0%	459000	600000		
MBA		94	82	71	87%	76%	11	12%	12	13%	0	0%	435903.59	700000	250000	400000
MCA	COMPUTER APPLICATION	44	43	31	72%	70%	12	27%	1	2%	0	0%	525908.65	805368		
MCA		44	43	31	72%	70%	12	27%	1	2%	0	0%	525908.65	805368	300000	630000
IMSC	CHEMISTRY	14	5	2	40%	14%	3	21%	6	43%	3	21%	437500	600000	275000	437500
IMSC	FOOD TECHNOLOGY	12	10	0	0%	0%	12	100%	0	0%	0	0%	0	0		
IMSC	MATHEMATICS AND COMPUTING	24	14	11	79%	46%	3	13%	3	13%	7	29%	622779.55	1150000	320000	550000
IMSC	PHYSICS	18	6	1	17%	6%	5	28%	9	50%	3	17%	360000	360000	360000	360000
IMSC		68	35	14	40%	21%	21	31%	20	29%	13	19%	577541.07	1150000	275000	529216
M.SC.	CHEMISTRY	5	1	0	0%	0%	1	20%	3	60%	1	20%	0	0		
M.SC.	BIOTECHNOLOGY	21	7	1	14%	5%	6	29%	9	43%	5	24%	275000	275000	275000	275000
M.SC.	GEOINFORMATICS	12	8	2	25%	17%	6	50%	2	17%	2	17%	230000	230000	230000	230000
M.SC.	MATHEMATICS	5	2	1	50%	20%	1	20%	3	60%	0	0%	360000	360000	360000	360000
M.SC.	PHYSICS	12	8	0	0%	0%	8	67%	3	25%	1	8%	0	0		
M.SC.		55	26	4	15%	7%	22	40%	20	36%	9	16%	273750	360000	230000	252500
B.ARCH	ARCHITECTURE	39	17	0	0%	0%	17	44%	20	51%	2	5%	0	0		
MUP	URBAN PLANNING	6	6	0	0%	0%	6	100%	0	0%	0	0%	0	0		
		1265	960	566	59%	45%	394	31%	250	20%	55	4%	879983.44	4063000	230000	630000

ANNEXURE – V

(Item No. :59.13)

Student Activities

STUDENT ACTIVITIES

(1st July, 2018 -30th April, 2019)

The Institute promotes multi-dimensional growth in different facets related to students. The students showcased their talents and responsibilities by organizing, participating and being victorious in various programmes of social, cultural and technical in nature.

1. NSS

NSS provides opportunities to the students to play their role in planning and executing development projects which would not only help in creating durable community assets in rural areas but also result in the improvement of quality of life of the economically and socially weaker sections of the community. It encourages youth to participate enthusiastically in the process of national development and promote national integration, through corporate living and cooperative actions. The NSS Cell, BIT Mesra organizes regular and special activities in the ten adopted villages namely Rudhia, Pancholi, Bhattatoli, Humbai, Mesra East, Mesra West, Neori, Vikash, Kedal and Navatoli. The major programs conducted by NSS are:

Cashless Awareness program, Swachh Bharat Abhiyan, Blood Donation Camps, Eye check-up Camps, Plantation Drives, Disease Awareness Campaigns, Literacy Program, Awareness program, Rallies, Collaboration with BIT CSR, International Yoga Day, Support to Old age home, Orphanage and Cheshire home and Prabhat Pheri.

Looking at the dedication and dimension of work, the Ministry of Youth Affairs and Sports, Govt. of India has allocated ten units of NSS to the University.

- Motivational Talk- 26th July, 2018
- Orientation Program- 27th July, 2018
- Swacchta Rally- 30th July, 2018
- Water Borne Diseases Awareness
- Prabhat Pheri- 15th August, 2018
- Village Education Program
- Kerala Flood Relief Drive Collection- 19th August to 26th August, 2018
- Swacchta Pakwada- 1st August to 15th August, 2018
- Old Age Home Visit- 11th August, 2018
- Football Match- 2nd September, 2018
- Swacchta Hi Seva Hai- 30th September, 2018
- Surgical Strike Day- 28th September, 2018
- Blood Donation Camp- 2nd October, 2018
- Run for Unity- 27th October, 2018
- Cloth Distribution Drive- 28th October, 2018
- Interactive Session- 24th October, 2018
- National Education Day- 11th November, 2018
- Cleanliness Drive- 4th November, 2018
- National Integration Camp- 6th to 12th of December 2018
- Debate- 7th January to 11th January, 2019
- National Youth Day- 11th January, 2019
- Awareness on VEP And Government Schemes- 14th January to 17th January, 2019
- Group Discussion- 18th January, 2019
- Slogan Practice- 21st January to 25th January, 2019
- Prabhat Pheri- 26th January, 2019
- Essay Writing Competition- 28th-30th January, 2019
- Stress Management Workshop- 10th February, 2019

2. CLUBS AND SOCIETIES

(i) PHOTOGRAPHIC SOCIETY

- The Photographic Society of BIT Mesra conducted their annual photo-fest called Utkrisht from the 27th September 2018 to 29th September 2018, incorporating a Photo Gallery showcasing the best of clicks made by the participants.

EVENTS-

Nikon photography Workshop:	25 th August 2018
Utkrisht:	27 th September 2018 - 29 th September 2018
TAMRON Workshop	29 th September 2018
Scribbled Frames	5 th -19 th August 2018
Vajra Coverage	2 nd – 4 th November 2018
Pantheon Coverage	5 th – 7 th October 2018
Annual Athletic Meet Coverage	1 st – 3 rd February 2019

(ii). DRAMATICS SOCIETY

Ehsaas-the Dramatics Society of BIT Mesra, has bagged laurels for the institute by winning in the following competitions throughout the country-

- I. Rendezvous'18- IIT Delhi(13th-15th October, 2018)-** Priyanshu won first prize in Pratidwand.
- II. Springfest'19- IIT KGP(25th -27th January, 2019)-** Finalist in Rangmanch, Stage Play Competition.
- III. Rush'19- IIM Ranchi(2nd-3rd February, 2019)-** Winners in Street Play Competition, Runners up in Stage Play Competition.

EVENTS

Nukkad on multiple occasion in nearby villages in collaboration with NSS.

Street play, mime and musical skit at Pantheon '18

Annual Drama Night- 31st August, 2018

(iii). STUDENT'S MENTORSHIP & ADVENTURE CLUB

The Sports Mentorship and Adventure Club of BIT Mesra is a sports oriented club working for the overall development of a student, SMAC is responsible for the annual Futsal and Club Futsal and was an integral part of the organising committee of the convocation ceremony.

Events:

1. **Club Futsal** (24/08/18 – 26/08/18)

Total Participation: 24 teams

2. **Futsal** (26/10/18 – 28/10/18)

The miniature football game with modified rules similar to Club Futsal. The access of this event was granted to every student of Birla Institute of Technology, Mesra where they formed a team of 6 players and competed against each other.

Total Participation: 92 teams

3. **Pantheon(5th-7th October, 2018):**

- i) Partner in drive
- ii) Flashtime Paradox.

4. **Bitotsav(14th-17th February, 2019):**

- i) King of Asia
- ii) Pokerazia
- iii) You are Hired

(iv). ROTARACT

The Rotaract Club of BIT Mesra organized the Freshers' Night in the month of October 2018, in collaboration with other clubs to welcome the new batch of students to college. Besides, they spread literacy among children by teaching in schools and organize cleanliness drives to reinforce the Clean India Mission.

EVENTS

Donation Drive- 28th July, 2018

Ek Shaam Desh ke Naam- 15th August, 2018

Gokulashtami- 3rd September, 2018

Freshers' Night- 1st October, 2018

Ramp Walk in Udbhav (Pantheon Night)-7th October, 2018

(v). LEO CLUB

Leo Club is the student chapter of Lions Club International. Lions meet the needs of communities across the world.

Village Visit- 15th August, 2018

Ek Shaam Desh Ke Naam-Walk of Cultural Diversity- 15th August, 2018

Freshers' Night- 1st October, 2018

Pantheon Event- 06th October, 2018

Fugiya Night- 07th October, 2018

Deepotsav- 9th November, 2018

(vi) UNESQUO

UNESQUO, the Speaking and Quizzing club of BIT Mesra, has organized numerous quizzes based on sports, entertainment, and general knowledge, including the Business Quiz and General Quiz with eminent quizmasters like Palak Kumar and Abhra Das. It also conducted various debates in Parliamentary format and Oratory workshops to give a platform to speakers to hone their skills.

EVENTS-

A Way with Words- 30th June 2018

- Weekender 1.0- 30th and 31st August 2018.
- Inter Hostel Quiz Prelims 27th September 2018.
- Lone Wolf Quiz conducted in Pantheon 2018, on 5th October 2018.
- Biz-Tech Quiz- 6th October 2018.
- Tech Debate - 7th October 2018
- Inter Hostel Quiz Finals - 26th October 2018.
- Parliamentary Debate - 27th October 2018.
- Weekender 2.0- 9th, 10th and 11th November 2018.
- Genesis'19- 11th to 13th of January 2019.
- General Quiz in Bitotsav - 16th February 2019.
- Asian Parliamentary Debate - 17th February 2019.
- BIT Model United Nations - 15th-16th February 2019.

(vii) LITSOC

The Literary Society of BIT Mesra organized a Literary Night which saw performances from eminent poets and poetesses.

EVENTS-

The Symposium -4th September, 2018

Let's Talk- 23rd October, 2018

Hitch-hike: Spring Fest Auditions- 3rd November, 2018

Lit Night- 14th November, 2018

National Education Day- 11th November, 2018

Literary Workshop- 3rd-4th February, 2019

Rostra- 14th-16th March, 2019

(viii) FINE ARTS SOCIETY

Fine Arts Society promotes art, craft and design among the students of the institute and help them to polish their skills in this field. Various workshops like Charcoal workshop, Water colour workshop were organized for the students of this institute. During Cultural Fest they organized an open Exhibition to exhibit the paintings of our amazingly talented Members as well as for college students.

EVENTS-

- Welcome Staircase for the batch k18 - 25th July, 2018
- Charcoal Workshop - 30th- 31st August, 2018
- Design Team(On-field) of Pantheon'18 - 05th-07th October, 2018
- Watercolor Workshop - 24th- 25th October, 2018
- Decoration for Deepotsav'18 - 09th October, 2018
- IC Arena Wall Painting - 15th November, 2018
- Bitotsav Decoration - 10th January-15th February, 2019
- Pantheon Decoration- 15th September - 3rd October, 2018

(ix) MUSIC AND DANCE CLUB

The Music Club of BIT Mesra, participated in and secured among the top positions in Mood Indigo, held at IIT Bombay; Spring Fest, held at IIT Kharagpur; Kashiyatra, held at IIT Bombay and Rendezvous, held at IIT Delhi. The following were the achievements-

- I. Rendezvous'18- IIT Delhi (13th-15th October,2018)- Preman kur Roy- 2nd Position, Swar- Classical Singing
- II. Springfest'19- IIT KGP(25th-28th January,2019)- Ayush Khedia- Best Bassist Award
- III. Mood Indigo'18 (27th- 30th December,2019)- IIT Bombay- 3rd Position in Mantra-Eastern Battle of Bands, 2nd Position in MI's Got Talent.
- IV. Kashiyatra'19- IIT BHU(18th-20th January,2019)- 2nd Position in Advaita- Battle of Bands, 3rd Position in Kriti- OC Competition, 1st Position in Sur (Solo Singing)- Toshi Priya

EVENTS-

BIT Prayer for the Institute Programs

Workshops for students- 23rd July -9th November, 2018.

Live Jam 5.1- 24th of August, 2018

NAAD- 27th- 30th September 2018

BIT Unplugged- 16th of November, 2018

Durga Puja-Dhwani performed at Durga Puja Pandal this year

NCAE2018- 32nd National Convention of Aerospace Engineers

Independence Day- 15th August 2018

Pantheon Weekender: 24th September, 2018

Pantheon Night

The Dance Club of BIT Mesra represented the college in national level college festivals like Spring Fest, at IIT Kharagpur, and Culfest, at NIT Jamshedpur.

Achievements of the Club:

1. Club Induction: The club was introduced to the new batch. Date: 19 August 2018.
2. Weekly workshops: Workshops held for the members of club. Styles: house, hip hop.
3. Independence Day Function: Evening in the G.P Birla Auditorium. Date: 15 August 2018.
4. Belleza(Weekender): First weekender performance of the club. Date: 29 August 2018.

5. Dhanak: Dhanak was the annual dance fest and was held for the first time. Date: 26th October 2018.
6. Fresher's Night: Dance club performed for 2k18 batch on the official fresher's. Date: 1st October, 2018.
7. Pantheon Heritage Night: Opening ceremony of Pantheon'18.
8. Pantheon-Razzmatazz: Dance competition conducted in Pantheon. Date: 7 October 2018.
9. Valhalla Ensemble, XLRI: Bagged the 2nd position in the XLRI competition. Date: 3 November 2018.
10. Vajra Closing Ceremony- Closing ceremony of Vajra. Date: 4 November 2018
11. Durga puja (classical dance): Durga Pooja celebration performance. 27 October 2018.
12. Deepotsav: Performance by the club in Deepotsav. 9 November 2018
13. Secured 3rd Prize in Springfest, in the event Centrifuge, in IIT KGP.
14. Secured 1st Prize in Rush, in the event, group dance in IIM Ranchi.

(x) NAPS

- The News and Publication Society to help the students get their internship related queries answered, NAPS organised an interactive session, We the BITIANS on the 20th of July, 2018. The Journalist's Hour conducted on 30th August, 2018 gave a platform to the participants to put forth their views to a panel of judges on the issue of the NRC in the best possible way. A total of 13 editorials were uploaded on social issues, advancement in technology and the current affairs were published through our official Facebook Page. The News and Publication Society ensured that each and every event happening in the campus was properly covered. A total of 90 events were uploaded on the official website.

EVENTS-

We the BITians- 20th July
 The Journalist's Hour- 30th August
 Whatchamacallit – 6th October, 2019
 Media-Cre- 5th October, 2019
 Fanfare- 5th- 7th October, 2019

Achievements-

2nd Prize in 'Reportage' in Mood Indigo, IIT Bombay (27th-30th December, 2018), Asia's Largest Fest.
 2nd & 3rd Prize in 'A Mighty Pen' in Springfest, IIT Khargpur (25th-28th January, 2019).

A total of 71 events were uploaded on the official website, some of which are as follows:

Independence Day 2018, Clubs' and societies' induction, Music Club Weekender, Unesquo Quantum Quiz, EDC B-Quiz, Belleza-Dance Club Weekender, IETE CLD workshop, Litsoc Symposium, IET and IEEE C/C++ Workshop, Drama Nite, PSoc Workshop, ACM Workshop, VAJRA Weekender, NSS Blood Donation Camp, Pantheon theme release, 49th Annual NSS Day, Freshers' Night, Jumanji v3.0, Utkrisht'18, Pantheon week opener, Pantheon, Leo Club- Deepotsav (dandiya night), IETE trip to Usha Martin, IET python Workshop, Futsal v6.0, NSS National Unity Day, Vajra, Unesquo Weekender, EDC Workshop, Digital electronics workshop (IEEE and ECE Soc) (6-8 November), Litnight'18, Autocad Workshop (IEI), BIT Unplugged (Dhwani).

(xi) EPAC

The Environment Protection and Awareness Club of BIT Mesra conducted the Jharkhand Science and Environment Festival, 2019, on the 2nd of February 2019. The

festival saw participation of school students from in and around Ranchi, including areas like Jamshedpur and Bokaro.

EVENTS-

Sustainability Fair- 25th August, 2018

Jumanji V3.0- 30th September, 2018

Youth for A Cause- 06th November, 2018

(xii) TEAM AVEON

Team Aveon Racing's achievements:

Participated in e-BAJA SAEINDIA(23rd January,2019) Competition 2019 organized by Mahindra in Pithampur, Indore

Secured Overall Rank 5th

Ranks in individual events are

- 6th in COST Presentation
- 3rd in SALES Presentation
- 5th in DESIGN Evaluation
- 3rd in STATICS
- 4th in ENDURANCE

(xiii) TEAM FIREBOLT

The team of Firebolt Racing has its achievements listed below:

Best Team East India in BAJA SAE INDIA(7th-10th March,2019)

- 11th Overall
- 6th in Sales and Business
- 4th in Virtual Design
- 4th in Go-Green event
- Society of Automotive Engineers (SAE) is registered under SAE India. It participates in BAJA SAE India & Formula Student India.

Pit Stop

Cock up your project

MEGA ATVC CHAMPIONSHIP, QUERIM BEACH (15th April, 2018)

- 9th overall among 100 participating teams
- 4th in endurance
- 6th in flat dirt race

(xiv) TEAM SRIJAN

Formula Bharat'19 was yet another successful event for the Team Srijan, which was held at Kari Motor Speedway Coimbatore, Tamil Nadu from 23rd Jan -27th Jan 2019.

Team Srijan continues as the Best Formula Student Team in EAST-INDIA leaving behind various teams like Team KART(IIT KHARAGPUR), Team Mechismu (ISM DHANBAD).

The overall results are mentioned below:

- 7th in Rule Quiz
- 8th in Business Plan Presentation
- 12th in Design Presentation
- 14th in Static Events
- 18th in Cost Presentation
- 16th Overall (amongst 66 teams)

(xv) ROBOLUTION

Team Robolution of BIT Mesra conducted the following events:

EMBEDDED SYSTEMS WORKSHOP: 4th March 2019 to 10th March 2019

We conducted a workshop on embedded systems introducing the upcoming batch about the use of sensors, microcontrollers and actuators to be used for robotics application in their career.

Students were provided with a kit containing application board, sensors and actuators. This was a seven day long workshop with a participation of 100 students from 2k18 and 2k17.

ABU ROBOCON 2019 - 15th May, 2019

This is a robotic competition which is organised at IIT Delhi every year where teams from all over the country participate. The competition is commenced in three rounds, in which we have to propose the solution in the first round, in the second round we need to give a detailed video submission about our working robot as per the given problem statement. The third round will be commenced at IIT Delhi where we need to present our robot and play a match as per the problem statement.

DIGITAL IMAGE PROCESSING WORKSHOP: 5th - 7th April 2019

A workshop on digital image processing was conducted to introduce the upcoming batch about computer vision and its application in robotics. This workshop consisted of teaching of computer vision using python and was comprised of various small projects giving an eyesight to the robots

Achievements:

We have successfully cleared first round with flying colours where the competition saw a participation of 180 teams all over the country. we were among the top 35 teams selected to move forward with the event and we will participate in further rounds.

GATEWAY TO ROBOTICS: 1-2 September, 2018

This was the first workshop conducted by us to introduce the upcoming batch to the diverse world of robotics especially the electrical, electronic and mechanical aspects of robots. students were also taught to program their robots on a very basic level.

15TH AUGUST EXHIBITION

A robotics exhibition is organised in the IC arena to display various types of robots and its application to develop interest in the upcoming batch regarding various new technology robots being used all over the world.

(xvi) INSTITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

- The IETE BIT Mesra Students' Chapter conducted workshops and events:
Circuit Logic & Design Workshop (C.L.D) - 27th Aug. 2018-30th Aug. 2018
Club Recruitment - 24th Sep. 2018 , 26th Sep. 2018
Foundation day - 2nd Nov. 2018
Industrial Visit - 10th Nov. 2018
Circuital Aptitude Test (C.A.T)- Set of 3

(xvii) INSTITUTION OF ELECTRICAL & ELECTRONICS ENGINEERS

- The Institute of Electrical and Electronics Engineers (IEEE), Students' Chapter of BIT Mesra, organised the following events:
HACK-A-BIT, East India's Largest Students' Hackathon: 26 - 28th October 2018
Mega Project Symposium (8 - 9th August 2018)
C/C++ Workshop (25 - 27th August, 2018)
Introduction to Data Science Workshop (10 - 11th November, 2018)
TechShots (17th May - 21st June, 2018)

(xviii) ASSOCIATION OF COMPUTING MACHINERY

The Association of Computer Machinery (ACM) Many Teams Participated in ACM ICPC Contest and among them around 4 to 5 teams from BIT, Mesra made it to the On-site Contest (Nationals) and secured ranks in Top 10.

- CQM - July 7 & November 14, 2018
- Codezilla - 29th September 2018
- Onsite-7th October 2018
- Code-N-Conquer - 25th May & 2nd June 2018
- Placement Practice Contest - 19th July 2018
- DnC - 2nd September 2018
- DnC Onsite - 8th September 2018
- Mentorship Programme - 15th September 2018
- 9. Bug Hunt - 6th October 2018

(xix) INSTITUTION OF ENGINEERING & TECHNOLOGY

The **Institution of Engineering & Technology (IET)** conducted coding and development workshop throughout the year.

- Linux and Networking workshop- 28th March to 31st March, 2019
- Google Summer of Code Qn A Session: 29th January 2019
- Python Programming Language Workshop: 29th October to 1st November 2018
- Hack-A-BIT, East India's Largest Students' Hackathon: 26th to 28th October
- Introduction to Git, GSoC: 3rd October 2018
- Workshop on C/C++ Programming Language and Introduction to Competitive Programming in association with IEEE and ACM Students' Chapter, BIT Mesra: 22nd– 26th August 2018
- Workshop on Web development- 19th to 24th January, 2019
- Git Heat - Online web applications development competition for all the students. (Summer)
- Tech Desk: Online technical article writing competition (Winter)

(xx) EDC

- **Events and Achievements of Entrepreneurship Development Cell (EDC)**
- Workshop on Stock Market Analysis and Investing - A guest workshop by Mr. Saurabh Dafria, Founder of Phinnacle Wealth Advisors, in collaboration with TEQIP was conducted on 8th August 2018.
- Workshop on Idea Generation & Pitching - A workshop on Start-up Idea Generation, Implementation and Pitching was conducted 24th August 2018.
- Start-up India Jharkhand Yatra- Start-up awareness event conducted in collaboration with Start-up India conducted on 11th August 2018
- E-Talk on "Jio- Past, Present & Future": 16th August 2018.
- Virtual Stock Simulation: Winner- Rudra Kumar with R.O.I of \$ 250,000, 1st June to 1st July 2018.
- Signed MoU with Idefi Ventures & WIEF (Women Innovation Entrepreneurship Foundation), 22nd August 2018.
- Stock Market Workshop from Noob to Pro: Workshop on stock market was conducted from 25th September to 28th September 2018.

- AIC Information Session: A formal session was organized to spread awareness about Atal Tinkering Labs and Atal incubation Mission on 22nd October 2018.
- EDC Recruitment Drive: Recruitment of new members in cell was conducted on 18th and 19th September 2018.
- Social Entrepreneurship Workshop: A workshop on social entrepreneurship was conducted by Mr. Divyaditya Kothari on 10th October 2018.
- Virtual Stock Market Simulation: Flagship Event of E-Summit'19 was conducted online from 31st December 2018 to 17th January 2019.
- E-Summit'19: The annual flagship event of EDC BIT Mesra was conducted on 19th and 20th January 2019.
- Big Data Workshop(27th – 31st March 2019): This workshop focussed on empowering students with Data driven skills

3. SPORTS ACTIVITIES

- Third Annual Sports Fest Vajra' and 28thChetanDevraj Memorial East Zone Inter Technical Institute/College Cricket Tournament was organized from 02.11.18 to 04.11.18. Twenty six teams participated in this tournament. BIT MESRA emerged winner.
- The grander edition of VAJRA witnessed a participation of around 600 players competing in 7 games.
- BIT Mesra won the championship of 28thChetanDevraj Memorial East Zone Inter Technical Institute/College Cricket Tournament.
- 33rd Annual Athletic Meet commenced on 1st -3rdFebruary, 2019. AnkitBinha of Hostel 6 was awarded as the Best Athlete in men's category while Anupama Kachhap hailing from the 2k17 batch was declared as the Best Athlete in women's category. The award for the Best Performance was presented to Ankit Singh Chauhan for breaking the 51-year-old record in Hammer Throw. The most awaited Sports Person of the Year award was presented to Marshal Soren from the final year.
- Apart from extramural events many intramural events were also organized

4. AWARDS RECEIVED BY STUDENTS

1. Chemical students Anamika Sinha and Shreya Sinha bagged 1st rank in TATA Steel Mind over Matter competition.
2. Gourav Rakshit and Priyanka Chandra of M. Pharm. 2nd Year have received second prize in IPA Convention 2018.
3. Vibe, a team led by B.E. (Information Technology) student Saakshi Srivastava participated in Smart India Hackathon 2018 organized by the Government of India and stood 2nd under the Department of Post, Ministry of State(IC) of Communication. Other team members were Siddhau Jain, Sree Ashlesh Penisetty, Dhriti Kumari, Ankit Kumar Singh and Pamireddy Suchritha.
4. Aditya Singh, a pre-final year student got the first rank in the zonals in the World Skills Competition, organized by the Ministry of Skill Development. He also received a cash prize of Rs. 21,000/-
5. Abhayankar Joshi and Poulomi Chakraborty FROM UNESQUO bagged first and third prize respectively in JAM, organised in Springfest'19 at IIT KGP.
6. A team of six members from Dhvani- Music Club, BIT Mesra bagged the third prize in Mantra- the eastern battle of bands competition in Mood Indigo'18, IIT Bombay, Asia's Largest Cultural Fest. The students were Samadrito Bose, Ayush Khedia, Md. Shamil Khan, Saket Anand, Nachiket Agni and Atvik Singh.

7. Ehsaas Dramatics Society bagged the first position in Street Play Competition and Second Position in Stage Play Competition in Rush, the cultural festival of IIM Ranchi.
8. Toshi Priya from Dhvani- Music Club, BIT Mesra bagged the first position in Swar- the solo singing of Kashiyaatra- Annual Cultural Fest of IIT BHU.
9. Team Aveon Racing participated in e-BAJA SAEINDIA Competition 2019 organised by Mahindra in Pithampur, Indore and secured overall Rank 5th. Ranks in individual events were- 6th in Cost Presentation, 3rd in Sales Presentation, 5th in Design Evaluation, 3rd in Statics and 4th in Endurance.
10. Team Arcade of BIT Mesra consisting of Anukriti Jha, Muskan Gupta, Amrita Singh and Kajal Gupta were declared Runners up in Hack-a-Bit, the hackathon of BIT Mesra.
11. BIT Mesra was declared overall champions of Vajra'18- Annual Sports Fest.
12. Ankit Binha and Anupama Kachhap were declared best Athlete in Men's and Women's Category respectively in the 33rd Annual Athletic Meet, BIT Mesra.
13. Marshal Soren received Best Sportsperson of the year award in the 33rd Annual Athletic Meet.
14. Ankit Singh Chauhan bagged the award of Best Performance by breaking the 51 year old record in Hammer throw in the 33rd Annual Athletic Meet.
15. Dhvani- Music Club, BIT Mesra bagged 2nd prize in Advaita- Battle of Bands and 3rd Prize in Kriti- OC Competiton in Kashiyaatra, the Cultural Festival of IIT BHU.
16. News and Publication Society bagged Second Prize in Reportage in Mood Indigo, IIT Bombay, Asia's Largest Cultural Festival.
17. News and Publication Society bagged second and third prize in A Mighty Pen in Springfest, IIT KGP.
18. Puronjoy Sen of Music Club bagged second prize in MI's Got Talent in Mood Indigo, IIT Bombay.
19. Dance Club, BIT Mesra bagged third position in Springfest, IIT KGP.
20. Priyanshu of Ehsaas Dramatics Society bagged First Prize in Pratidwand at Rendezvous, IIT Delhi.
21. Puronjoy Sen, Snehil Baba and Arpan Mitra of Music Club received second, third and third prize respectively in Sanlayan, the instrumental competition of IIT BHU.
22. Ayush Khedia of Dhvani Music Club- BIT Mesra received the Best Bassist Award in Sargam of Springfest, IIT KGP.
23. Dance Club, BIT Mesra bagged first prize in Rush, IIM Ranchi.
24. Dance Club, BIT Mesra bagged Second Prize in Valhalla Ensemble, XLRI.

ANNEXURE – VI

(Item No. :59.16)

Renewal of Registration under Foreign
Contribution (Regulation) Act (FCRA)

No. 0300007322016
Government of India
Ministry of Home Affairs
Foreigners Division
(FCRA Wing)

NDCC-II Building, Jai Singh Road,
New Delhi-110001

Dated: 06-04-2019

To,
The Chief Functionary,
Birla Institute Technology
PO MESRA, DISTT: RANCHI 835215 JHARKHAND, RANCHI, Jharkhand, Ranchi, 835215

Subject: Renewal of Registration under Foreign Contribution (Regulation) Act,

Sir/Madam

With reference to your application dated **02-03-2016** seeking renewal of registration under the Foreign Contribution (Regulation) Act, 2010, I am directed to convey the approval of competent authority for renewal of registration of your Association in terms of the provisions contained in Section 16 of Foreign Contribution (Regulation) Act, 2010 read with Rule 12 of Foreign Contribution (Regulation) Rules, 2011 as amended from time to time, as follows:-

Registration Number **337800102**

Nature : **Educational**

2. The association shall receive foreign contribution only in its designated/exclusive bank account **063102000007801** in **IDBI BANK LTD, ARJAN PLACE, 5, MAIN ROAD RANCHI JHARKHAND JHARKHAND, Ranchi, Jharkhand, Ranchi, 834001** as mentioned in its application for online application for grant of renewal of registration.
3. In terms of section 18 of the Foreign Contribution (Regulation) Act, 2010 read with Rules 17 of the Foreign Contribution (Regulation) Rules, 2011, as amended from time to time, you are advised to furnish intimations online within the prescribed time to the Central Government of the amounts of each foreign contribution received by you, the source and the manner in which the foreign contribution was utilised, as per the provisions of the Act and the Rules. An association is required to furnish the return even when the particulars are 'NIL'. The FC-4 form is required to be submitted online on this Ministry's website <https://fcraonline.nic>. The Bank Account mentioned in your application should be used for receiving foreign contribution and no other amount should be credited to this account. The Association should immediately intimate online, within 15 days, in Form FC-6 to this Ministry regarding any change in the name of the Association, aims and objects, its address and Bank/Bank Account.
4. The association cannot bring out any publication (registered under PRB Act, 1867) or act as correspondent, columnist, editor, printer or publisher of a registered newspaper or engage in the production or broadcast of audio news or audio visual news or current affairs programmes through electronic mode or any other electronic form or any other mode of mass communication at a later stage thereby attracting provisions of the Section 3(1) (g) and (h) of the FC(R) Act, 2010. In addition to this, the association is forbidden from getting involved in any activity of political nature.
5. You are requested to note the provisions of Section 7 of FC(R) Act, 2010 and Rule 24 of FC(R) Rules, 2011 and ensure that before any funds are passed on to any person/association in India that the recipient is (i) eligible to accept foreign contribution under the Act, i.e., recipient association is registered under the Act, or has obtained Prior Permission of the Government under Section 11 of the Act, and (ii) the person/association is not prohibited under the Act.

6. Physical inspection of the activities done by the Association may be carried out at any time by this Ministry.
7. You are requested to familiarize yourself with the provisions of Foreign Contribution (Regulation) Act, 2010 and Foreign Contribution (Regulation) Rules, 2011, as amended from time to time, available at this Ministry's website <https://fcraonline.nic.in/> to ensure strict compliance of the Act/ Rules. Failure to comply with any of the provisions of said Act/ Rules will make you liable for action under the relevant provisions of the Foreign Contribution (Regulation) Act, 2010.
8. This renewed certificate is valid for a period of five years with effect from **01-11-2016**.
9. The email containing the renewed registration certificate may be sent immediately to the Bank mentioned above.
10. The renewal of registration is subject to compliance of the provisions of Foreign Contribution (Regulation) Act, 2010/ Foreign Contribution (Regulation) Rules, 2011, as amended from time to time, by the association and also to the final outcome of enquiry/ case, if any, pending against the association.
11. This is a digitally signed certificate to be validated digitally using the signature panel using Adobe Acrobat Reader (Ver 5.0 or above). The digital intimation is authenticated by a digital signature obtained from a certifying authority under the Information Technology Act 2000.
12. Banks are requested to verify online the validity of the certificate using fcraonline.nic.in.

Yours faithfully

Rajesh Budgujar
Under Secretary
Tel. 01123438245

ANNEXURE – VII

(Item No. :59.17)

Core Values Based on Vision and
Mission of the Institute

59.17 CORE VALUES BASED ON VISION AND MISSION OF THE INSTITUTE

1) Integrity and Excellence:

The Institute shall be committed to accomplish academic excellence by maintaining the highest standards in imparting education with honesty and transparency.

2) Respect and Inclusiveness:

Institute shall pay highest respect to human values and practise an unbiased approach towards total inclusiveness with emphasis on human diversity irrespective of demography, geography, religion, gender and societal status.

3) Responsibility and accountability:

Institute shall be sensitive towards the societal and environmental needs, with full responsibility and accountability.

4) Local approach and Global Reach:

Institute shall pursue localised approaches which will lead to global outreach through active engagement of faculty, staff and students with challenges faced by local communities to develop solutions with a vision to leave its mark at world level.

Short term plan (3 years)

The Institute shall strive to excel in:

1. State of the art research in all its academic departments
2. Developing high quality human resources
3. Enhancing a culture of innovation to meet the industrial and societal demands
4. Creating and adopting new age curricula and delivery techniques
5. Highest lab certifications and accreditations (e.g. NABL, ISO etc.)

Long term plan (10 years)

1. Ranking Targets:

- To reach top 15 in Engineering category and top 25 in Overall and University level NIRF Rankings

- To be in Atal Ranking in Innovation Achievement (ARIIA) in private category
 - To be ranked in QS/THE Asia level rankings.
2. Accreditation Targets:
- To aim for NBA accreditation for all the programs of the Institute
 - Achieve and maintain NAAC A++ grade in all future cycles
 - Engineering and technology programs to be accredited by ABET
3. Outreach Targets:
- National and international recognition in research and development in Engineering, Technology and allied sciences.
 - The Institute shall emerge as preferred destination for faculty, staff, students and employers through incorporation of best international organisational structures and standards.
 - The Institute shall strive to be recognised as a premier Innovation and IPR hub.
 - Enable its graduates to lead National and Global level start-ups.

ANNEXURE – VIII

(Item No. :59.18)

TEQIP-III Related Mandatory
Provisioning of Institute Revenues



TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP) [PHASE-III]

DRAFT PROJECT IMPLEMENTATION PLAN (PIP)

June 2017



**GOVERNMENT OF INDIA
DEPARTMENT OF HIGHER EDUCATION
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
NEW DELHI**

SECTION-4

Eligibility and Selection Process

4.1 Selection of States:

The States will be selected on the basis of agreement and issuance of following 8 Government Orders:

1. Permitting institutions to obtain “autonomous institutions status” from UGC,
2. Permitting institutions to retain and utilize Internal Revenue Generated through a variety of resources,
3. Empowering the BoG to fill up faculty vacancies in select institutions,
4. Constitution of SPIU cell with prescribed composition,
5. Permitting institutions to Establish a sustainability fund i.e. Four Funds (TEQIP III institutes will be required to deposit at least 8% of their revenue every year into Sustainability Fund i.e. 2% in each fund), and
6. Permitting institutions to receive project funds directly from GoI.
7. Permitting BoG of the institutions to approve all activities including TEQIP activities.
8. Permitting TEQIP-II Institutions that are not part of TEQIP-III, to retain the power of approval for all activities.

Each State will have to enter into a Memorandum of Understanding (Annex-IV) with Centre and the respective institutions under different Sub-components as the case may be.

4.2 Selection of Institutions under Sub-component 1.1 (Institutional Development Grants to Government and Government-aided Institutions):

Enabling mechanism:

The institutions will be selected on fulfilment of enabling mechanism as given below:

1. The institute offers at least 3 AICTE approved programs in engineering disciplines.

Source The institute will submit a copy of the notification from the AICTE, approving at least 3 programs in engineering disciplines, to the NPIU.

2. The institute has constituted a BoG as per UGC norms if the institute is autonomous, or AICTE norms if not. However, where the BoG is constituted as per a State Govt. Order/legislation, the same is permitted to continue provided regular meetings of BoG should be ensured by the State.

Source Institutes’ websites. Institutes will declare the composition of their BoGs, with the professional background of BoG members on their websites, such that a search from the institute’s website using the term ‘Board of Governors’ yields a link/links to the minutes.

3. The institute principal is appointed on a permanent, full-time basis and does not hold additional charge of another college.

- **Improved Student Performance Evaluation:** Evaluation of students has to be done on a continuous basis, in order to provide opportunities for improvement. Students should be encouraged to participate in tests designed by the National Testing Agency as described in Component 2. Publication of results in the shortest period and allowing the students to see the evaluated papers are some of the innovative measures that can be adopted. Students and faculty will benefit largely from this reformation of student evaluation process. The faculty may identify the academic weaknesses and then counsel the students as to how they may improve their performance. A brainstorming by faculty with students can help to identify various options for performance improvement. Transparency, fairness, consistency and accountability in grading must be ensured. The aggrieved student may be allowed to see the evaluation. Weak students should be given every opportunity to improve. This will develop a greater respect for the institution by the students. The details are given in the Equity Action Plan.
- **Performance appraisal of faculty by students:** Evaluation of faculty performance on a periodic basis should be implemented. The results of this should be used for taking remedial actions for improvement of teaching learning process. The main purpose is to help faculty member to improve his/her teaching/training skills. The assessment by students and the counselling which may follow such assessment needs to be aimed at helping faculty recognize weaknesses and remedy them to improve student learning. An exit assessment taken at the end of the course gives an insight into the total effectiveness of the course, learning achievements and shortcomings and may be useful for future delivery of the course by the faculty. Faculty must be taken into confidence during each assessment and the benefits to the faculty/student and the improvement in quality of education should be well explained. Faculty should be continuously motivated to improve performance. This will ensure a proper mix of proficiency and efficiency in the quality of instruction offered to students.
- **Faculty incentive for Continuing Education (CE), Consultancy and R&D:** The initiatives taken by faculty should be encouraged through proper incentives and clear guidelines. All faculty are to be encouraged to participate in organizing and/or attending CE programmes, to offer consultancy to Industry and to take part in R&D activities in the institution. Institution should prepare at the beginning of every semester, a faculty engagement chart which should indicate not only the faculty teaching commitments, but also his/her expected involvement in administration, Continuing Education, collaborative activities, research and development activities including curriculum and laboratory development, consultancy, etc. Faculty efforts for good achievements in this direction should be suitably recognized by the BoG. Institutional efforts for consulting to Industry and involvement in R&D should also be adequately encouraged.

2. Non Academic Reforms :

- (i) **Exercise of autonomies-- Academic, Administrative, Managerial and Financial:** For institutions selected under the Sub-component 1.1, obtaining Autonomous Institution status during the Project is mandatory. Institutions are also expected to obtain and exercise reasonable levels of Administrative, Financial and Managerial autonomies.
- ii) **Establishment of Sustainability Fund (Corpus Fund, Faculty Development Fund, Equipment Replacement Fund and Maintenance Fund):** Establishment of the four Funds is essential to ensure that the developmental activities continue beyond the Project period. It is, therefore, compulsory that all institutions establish the Four Funds and put 8% of revenue every year (i.e. 2% in each Fund), as per the prescribed mechanism from the institutions own funds but not from the project funds

- (iii) **Generation, retention and utilization of revenue generated through variety of activities:** In accordance with the eligibility criteria for States and Union Territories, all project institutions are to be permitted to generate, retain and utilize the entire revenue generated by them including income from tuition fee and other fees and charges from students. All project institutions are expected to increase revenue generation from a variety of activities such as conducting self-financing teaching and training programmes, testing services, consultancy and research, innovations, patents, commercialization of R&D outputs, sharing of high-tech equipment with Industries, public usage of infrastructure for academic activities, etc. (see Annex-I for details).

Institutions are to utilize the revenue for building up the four funds, development activities, offering incentives to faculty and staff, instituting awards and rewards for students, faculty and staff, etc. with approval from the BoG in accordance with rules developed in consonance with Government Guidelines, if any. These rules need to be in place in each institution within 2 years of joining the Project. Institutions are to periodically report increases in the IRG generated.

- (iv) **Filling-up existing teaching and staff vacancies:** Project institutions are to be authorized by States/UTs to fill-up all faculty vacancies on a regular basis (over and above the benchmark value). Till such time that these vacancies are filled-up on a regular basis, appointments on 11-month or longer contract need to be permitted by the States/UTs.

Where needed, the Board of Governors may recruit the desired faculty with incentives. The institutions should also make utmost efforts to fill staff vacancies.

- (v) **Delegation of decision-making powers to senior institutional functionaries with accountability:** Delegation of adequate powers to senior functionaries like Deans and HoDs with accountability is expected to help better implementation of institutional projects. The powers and responsibilities of the Director/Principal, Deans, HoDs, Professors and other senior faculty in the department, laboratory in-charges and other functionaries should be clearly spelt out in a decentralized administrative environment. Even junior faculty and staff should know their authority and responsibility for which they would be held accountable.

As a measure of financial reforms, adequate financial powers to the Director/Principal of the institution and other functionaries are to be delegated by the Board of Governors. All actions of the Director in connection with Continuing Education, consultancy, faculty development, seminars and conferences should be reported to Board of Governors.

(b) Student employability

- **increasing interaction with industry**

All students passing out of UG courses need to be imparted technical and soft skills required for working in industry encompassing the following:

- Managerial skills
- Entrepreneurial skills
- Leadership skills
- Communication skills
- Technical skills
- Team working skills

Mandatory Internship: Every undergraduate student should complete 3 internships each spanning 4-8 weeks before completion of the UG Programme. As it is a

- n) Each year put aside 8% of total revenue (as defined by the PIP) earned by the INSTITUTE into a Sustainability Fund (Four Funds), to be used to sustain project activities after the project closes, subject to the provisions of the PIP.
- o) Comply with the Social Management Framework and Equity Action Plan, contained in the PIP.
- p) Comply with the Environment Management Framework, contained in the PIP.
- q) Mentor a PROJECT institution through activities specified in the IDP (applicable for the institutes under subcomponent 1.3).

SECTION II

The MHRD agrees to:

- a) Provide all necessary support and assistance to the INSTITUTE through the NPIU for PROJECT implementation. The functions and responsibilities of the NPIU are set out in the PIP.
- b) Provide mentoring and support to the INSTITUTE, through individual mentors and institutional mentors, as per the scheme set out in the PIP.
- c) Provide project funds to the INSTITUTE as described in SECTION III.

SECTION III

- a) The MHRD will provide project funds to the INSTITUTE through a Direct Benefit Transfer System. The Finance Manual describes the functioning of the Direct Benefit Transfer System, the rules and procedures governing its use, and the roles and responsibilities of the MHRD and the INSTITUTE.
- b) Fund release to the INSTITUTE will be dependent on the satisfactory performance against PROJECT performance benchmarks as set out in the PIP/notified by NPIU from time to time.

SECTION IV

- a) Amendments can be made to the MOU only (a) under exceptional circumstances, and (b) presentation of reasonable cause. The amended MOU will come into force only after due approval, and through written agreements duly authenticated and executed by the authorized representatives of all Parties to the original MOU.
- b) This MOU will become effective when signed by duly authorized representatives of all parties, and shall remain in force until the completion of the activities covered by the MOU, or until it is duly terminated by the Parties.
- c) Notwithstanding the provisions of this MOU, if the PROJECT is suspended or terminated, this MOU will be automatically considered null and void from the date of such suspension or termination.