

Proceedings of the 1st Meeting of the Board of Governors of 2016 of JIS College of Engineering held on 12.03.2016 at Hotel Hindusthan International, Kolkata to discuss the following agenda :

Members Present:

1. Prof. (Dr.) S.M. Cahtterjee - Chairman, BOG, JISCE
2. Dr. S. Dasgupta, Director, Technical Education- Member
3. Mr. Taranjit Singh , Managing Trustee- Member
4. Mr. Haranjit Singh, Trustee- Member
5. Dr. S.Srinivas Kumar, UGC Nominee
6. Dr. B.K.Sriwastava- State Govt. Nominee
7. Mr. S.Radhakrishnan- Industry Member
8. Mr. Tejomoy Das- Industry Member
9. Dr. K.C.Patra- Mentor, TEQIP
10. Mr. S.S.Dutta Gupta, Director, JIS Group- Member
11. Prof.(Dr.) A. Guha, Advisor, JIS Group- Member
12. Mr. U.S.Mukherjee, Dy. Director, JIS Group- Member
13. Ms. Sila Singh Ghosh, VP-CR, JIS Group- Member
14. Dr. S.S. Gupta, Asst. Professor & HOD, CSE and IT- Teacher representative
15. Dr. S.K. Mitra, Principal- Member Secretary

The leave of absence of the following members were granted.

1. Mr. Amrik Singh, Trustee - Member
2. Mr. Simarpreet Singh, Trustee -Member
3. Mrs. Jaspreet Kaur, Trustee - Member
4. Regional Director AICTE or his nominee
5. Dr. Souren Mitra -WBUT Nominee
6. Mr. Amit Das - Industry Member

The meeting initiated with a review of the revised composition of the BOG by the Chairman, as per the norms outlined by AICTE / UGC.

Board appreciated the presence of good number of members in this particular meeting.

With the permission of the Chair, the Principal JISCE started the deliberations through an agenda wise presentation.

Agenda 1.01

Confirmation of the minutes of the proceedings of last BOG Meeting

The minutes of the last meeting of BOG, as presented to members with the Agenda Document, were taken up for discussion. Board confirmed the minutes of the last BOG meeting without modification.

Agenda 1.02

Action Taken Report (ATR) on the resolutions taken at the last BOG Meeting.

The Significant actionable resolutions pertaining to the last BOG meeting, in the form of an Action Taken Report was presented to the members present.

During reviewing of Action Taken Report, the Board of Governors made the following suggestions;

- The Board of Governors suggested to invite the BOG members in any kind of innovative program in institution like technical symposium etc.
- It was advised to arrange Academic Council (A/C) Meeting prior to publication of result.
- Board suggested publishing the result within 30 days commencing from the last date of examination.
- Registrar informed about the OSM system of copy checking and assured to take necessary action to publish the result as advised by the Board.
- DTE advised to publish the percentile marks.
- Chairman suggested to submit a comparative statement of GATE training.
- DTE suggested to submit the impact assessment of Pedagogy Training.
- Industry Members of the Board suggested to publish the paper with collaboration of Industry which can make a relation between the Institute & Industry.
- UGC Nominee suggested to organize a 15 days Workshop on "IPR"

The Action Taken Report in conjunction with the proceedings were noted by the members with general satisfaction.

Agenda 1.03

Placing of Proposal for Extension of Approval / Additional Intake / New Programmes / Reduction of Intake/ Closure of Course and steps taken by the Institute to overcome deficiencies indicated last year.

Resolved and it has been accepted

Agenda 1.04

Assessment of Academic Performance based on Odd Semester 2015 Result.

The results of the odd semester with a graphical comparative analysis for the last three years were made available to the members along with the agenda document. Analysis of results of individual branches were also available in the agenda document.

Resolved and it has been accepted

Agenda 1.05

Achievement in the current academic year and projection for the next academic year.

Resolved and it has been accepted

Agenda 1.06

Principal's Report:

The report presented by the Principal contained information on the conduction JIS Technological Symposium “JISTech 2K16” to show case the innovation of intra- and inter Institutional representative, National Seminar on ‘Teacher as Role Model in Education’ (TRME), International travel of students at Asian Institute of Technology (AIT), Bangkok, Invited lecture by eminent personalities The report of the principal also contained the following important activities/events taken place subsequent to the last BOG meeting.

- Visit by Members of MAKAUT held on 19th Feb, 2016.
- Visit by the Members of SPFU, WB held on 23rd Feb, 2016.

- 25 Nos. PG students selected for PG Assistantship under TEQIP grant w.e.f January, 2016
- JIS College of Engineering recognized as ‘**Research Centre**’ by the University (MAKAUT) and approved Course-work on research methodology.
- Various achievements / accolades / activities of the students has been reported to the Board.

Members reviewed the report and suggested for further implementation, in line with the various other issues discussed during the meeting.

Agenda 1.07

Miscellaneous

After reviewing the agenda notes under miscellaneous Board made the following suggestions:

- To develop the PG curriculum with more industrial input to scale up placement of PG students in view of total placement mentioned at TEQIP MIS.
- To encourage start-up / entrepreneurship so as to produce “Job Givers” in extension to “Job seekers”
- Chairman suggested enquiring funding provisions from RBI in case of start-ups.
- To appoint an Industrial Mentor.
- Board advised to submit the Report of Key Result Area (**KRA**).
- Board advised to take admission of PG students directly as the Institute is an Autonomous one.

Agenda 1.08

Report on Budget & TEQIP and approvals.

1. Achievements under Soft Component Activities under TEQIP II (up to 29.02.2016) have been discussed and approved.
2. Financial achievement (up to February 2016) as detailed below was also discussed and noted.
 - Fund received - Rs. 400.00 lakhs
 - Fund utilized - Rs. 392.02 lakhs
 - % of utilization - 98.01 %

Activity-wise financial achievements: (Rs. in lakh)

Sl. No.	Activities	Amount
1	Procurement under Soft Component activities viz. Software, e-Books & E-Journals	98.81
2	Provide Teaching and Research Assistantships for increasing enrolment in existing and new Masters and Doctoral Programs in Engineering disciplines	112.52
3	Enhancement of R&D and Institutional Consultancy activities	32.78
4	Faculty and Staff development for improved competence	44.38
5	Enhanced interaction with Industry	38.81
6	Institutional Management Capacity enhancement	3.94
7	Implementation of Institutional Academic Reforms	28.72
8	Academic support for Weak Students	10.74
9	Incremental Operating Cost	21.32
	Total	392.02

3. **Procurement under Soft Component Activities:** The following procurements have been discussed, noted and approved.

List of items Procured

Sl. No.	Name of items	Cost (Rs. in lakh)	Department
I. Software			
1.	Virtual Nano Lab with Quantum wise Toolkit	6.23	Physics and Nanoscience & Technology
2.	Silvaco	5.22	Physics and Nano Sc. & Tech.
3.	ETAP	11.76	EE
4.	ANSYS(LF)	7.91	EE
5.	LAB VIEW	7.10	EE
6.	PLC	2.10	EE
7.	SCADA & AC Drives	1.69	EE
8.	MATLAB	5.73	ECE
9.	Origin Lab	0.32	ECE
10.	ANSYS(HFSS)	6.33	ECE
11.	Pro Simulator- Boiler Simulation	9.17	EIE
12.	CNC Simulation	2.63	ME
13.	STAAD Pro V8i & STAAD Foundation Advance	5.52	CE
14.	MATLAB for Biomedical Image Processing & Bio-signal processing	3.76	BME
	Total	75.47	

II. E-Books			
1	IEEE-Wiley e-Book	6.19	Library
III. E-Journal			
1	IEEE e-journal Package	6.18	Library
2	-do- for 2016	7.25	-do-
IV. QEEE			
1	QEEE Lab Setup	3.72	JISCE (Room No. 125)
Grand Total		98.81	

Approval of the BOG:

- (a) **Revised Action Plan:** The following revised Action Plan has been discussed and approved post-facto.

Revised Institutional additional project Budget

(Rs. in lakh)

Sl. No.	Activities	Total Allocations	Period			
			Jan – Mar 2016	Apr-Jun 2016	Jul-Sep 2016	Oct 2016
1	Improvement in Teaching & Learning facilities	48.70	25.20	16.00	7.50	0.00
2	Teaching & Research Assistantships	37.80	11.40	11.40	11.40	3.60
3	R&D and Consultancy Activities	33.00	3.75	3.75	24.50	1.00

4	FSD	20.00	7.00	4.75	7.25	1.00
5	Interaction with Industry	30.00	15.75	8.75	5.50	0.00
6	Management Capacity enhancement	4.50	1.00	1.00	1.50	1.00
7	Institutional Reforms	19.00	2.00	17.00	0.00	0.00
8	Academic support for weak students	24.00	7.00	5.00	7.00	5.00
9	Incremental Operating Cost	6.00	1.50	1.50	1.50	1.50
	Total	223.00	74.60	69.15	66.15	13.10

(b) Screen Committee of BOG for International Travel of the faculty members.

The **Screening Committee** constituted with the following senior external experts for the purpose of evaluation of the proposal of the faculty members intending international travel under TEQIP has been approved.

1. Prof. S M Chatterjee, Chairman of BOG - **Chairperson**
2. Prof. Bhabatosh Chanda, ECS Unit, ISI Kolkata.
3. Prof. S. K. Biswas, Dept. of Physics, Calcutta University.
4. Prof. Santanu Das, Head, ME Dept., Kalyani Govt. Engineering College.

The Principal of this institute will act as convener of the committee.

The first meeting of the said committee has already been held on 16.12.2015 to consider international travel of Dr. Mahua Das, HOD (Chem) for attending 2nd International Conference on Polymer Materials (PMS 2016) at Bangkok during 14-16 January 2016 and presenting her paper. The Committee recommended her international visit with an expenditure of Rs. 1.33 lakhs (approx). BOG has approved post-facto the international visit of Dr. Mahua Das.

(c) Procurement Plan for Goods and Consultancy Services:

Against additional allocation to be received, procurement plan for Goods (Table-36) amounting to Rs. 36.37 lakhs and procurement of Consultancy services (Table-37) amounting to Rs. 85.15 lakhs as discussed and approved in the IPMU meeting on 10.02.2016 have been approved.

(d) Proposals for Seminar & Conference: The following proposals as discussed in the IPMU meeting have been approved.

(i) CE Dept.: Students training by inviting experts from industries to enhance employability of the students under I-I-I-Cell.

Duration: 7-11 March 2016; from 10.00AM - 5.00 PM
Participants: Pre-final yr. students of CE Dept.
Experts involved: 4 from industries
Tentative budget: Rs. 46,345/-

(ii) NO (III Cell): Seminar on recent trends and best practices in industries for B. Tech students by inviting experts from industries to enhance employability of the students.

Date: 19th March 2016
Participants: 600 B. Tech students
Experts involved: 8 from industries
Tentative budget: Rs. 92,500/- (provisionally approved)

(iii) NO (III Cell): Seminar on Entrepreneurship Dev. and Awareness among the students by inviting entrepreneurs and experts from industries.

Date: 16th April 2016
Participants: 300 students
Experts involved: 8 from industries
Tentative budget: Rs. 71,000/- (provisionally approved)

(iv) Industrial Visit: Proposal received from NO (I-I-I Cell).

Date: 15 March 2016

Beneficiary: 50 B.Tech 3rd yr. ME students.

Industry: Exide India Ltd., Shyamnagar Plant.

Tentative budget: Rs. 5,500/-

(v) EE Dept.: The training for 50 4th year students of EE Dept. on PLC & SCADA has been completed successfully as Phase I. Based on the success the said training for the rest 50 students of 4th year may be organized as Phase II. Budget is Rs. 1,34,500/- (approx).

(e) The following one day seminar proposals in May-June 2016 pertaining to various departments was discussed and approved.

Schedule of one day seminar to be organized in May-June' 2016

Date	Organizing Dept.	Topic	Probable Speaker	Present status; budget	Action immediately needed
23/04/2016	Electronics & Communication Engineering	Emerging Topics in Microwave	Dr. Sayan Chatterjee, JU Prof. Soumitra Banerjee, IISER	Proposed; Rs. 25000/-	Proposal to be made in TEQIP format under suitable head
02/05/2016 (Monday)	Electrical Engineering	National Seminar on Smart Systems in Energy, Control & Instrumentation		Proposed; Rs. 40000/-	Proposal to be made in TEQIP format under suitable head
03/05/2016					
04/05/2016	Information technology	Machine intelligence in real world		Proposed ; Rs. 30000/-	Proposal to be made in TEQIP format under suitable head
05/05/2016	Mechanical Engineering	National Conference on Computational fluid dynamics and its interdisciplinary area	3 invited experts	Proposal submitted; Rs. 36400/-	do
06/05/2016	Electrical Engineering	National Seminar on Recent trends in High Voltage Engineering	1. Dr. Kasab Bhattacharaya, Jadavpur University 2. Prof(Dr.) P.	Proposed; Rs. 38500/-	Proposal to be made in TEQIP format under suitable head

			Mandal, Calcutta University		
07/05/2016	Electronics & Communication Engineering	Analog Integrated Circuit Design and Analysis	Prof. Asis K Mal, NIT Durgapur	Proposed; Rs. 25000/-	Proposal to be made in TEQIP format under suitable head
09/05/2016 (Monday)	Chemistry	Effect of As contamination on Environment	Proposed	Proposal submitted; Rs.39000/-	do
10/05/2016	Electrical Engineering	National Seminar on Energy Conservation & its Industrial Approachs	1. Mr. Sunil Krishna Ghosh, Accredited Energy Auditor. BEE.(Govt of India). 2. Mr. Apurba Sarker, Lead Utility Manager, Energy Manager, BOE. Kesoram Rayon Ltd.	Proposed ; Rs.36500/-	Proposal to be made in TEQIP format under suitable head
11/05/2016	Biomedical Engineering	National Seminar on “Advancements in Medical Implant Design”	Prof. Amit Roychoudhury, IEST Prof. Abhijit Chanda, JU Dr. Kunal Pal, NIT Rourkela	Proposed; Rs.30000/-	Proposal to be made in TEQIP format under suitable head
12/05/2016	Physics and Nanoscience & Tech	National Seminar on ‘Advanced materials and their electronic applications’	To be identified	Proposed ; Rs.35000/-	Proposal to be made in TEQIP format under suitable head
13/05/2016	Electrical Engineering	National Seminar on Power Electronics & Drives		Proposed ; Rs.36000/-	Proposal to be made in TEQIP format under suitable head
14/05/2016	Electronics & Communication Engineering	New trends in Technology: adapated for <i>industrial</i> automation requirements	Mr. Debasish Chanda Senior Architect, Wipro	Proposed; Rs.25000/-	Proposal to be made in TEQIP format under suitable head
16/05/2016 (Monday)	Electrical Engineering	National Seminar on Next Generation Cellular Technology	1. Asit Biswas, Sr. Manager, BSNL 2. Tapan Kumar Mondol, Sr Manager, BSNL	Proposed; Rs.40000/-	Proposal to be made in TEQIP format under suitable head

17/05/2016	Chemistry	Processing of materials		Proposal submitted; Rs.39000/-	do
18/05/2016	Biomedical Engineering	National Seminar on “Recent Trends in Biomedical Research”	Dr. Dinesh Bhatia, NEHU Prof. Himadri Chattopadhyay, JU	Proposed ; Rs.30000/-	Proposal to be made in TEQIP format under suitable head
19/05/2016	Physics and Nanoscience & Tech	National Seminar on ‘Micro to Nano: transformation in device design’	To be identified	Proposed; Rs.36500/-	Proposal to be made in TEQIP format under suitable head
20/05/2016	Electrical Engineering	National Seminar on Non-Conventional Energy	1.Dr. Subhasish Neogi, School of Energy Studies, JU. 2.Mr. Ratan Mondal , School of Energy Studies, JU.	Proposed; Rs.39500/-	Proposal to be made in TEQIP format under suitable head
21/05/2016	Information Technology	Networking and data security		Proposed; Rs.30000/-	Proposal to be made in TEQIP format under suitable head
23/05/2016 (Monday)	Electronics & Communication Engineering	1. Solid State Device 2. Photodetector	Prof. Arpan Deyasi Dr. H K Dutta	Proposed; Rs.35000/-	Proposal to be made in TEQIP format under suitable head
24/05/2016	Mathematics	One day seminar on Advanced Mathematical tools and their technological applications		Proposed; Rs.25000/-	Proposal to be made in TEQIP format under suitable head
27/05/2016	Electrical Engineering	National Seminar on Switch-gear and Instrumentation transformer in Medium Voltage Power System	1.Mr. Arijit Basuray, Neo-Tele Tronics Pvt. Ltd. 2.Mr. Sidharth Mitra, BMC Electroplast Pvt. Ltd. 3.Mr. S K Banerjee, BMC Electroplast Pvt. Ltd. 4.Mr. Rajib Bhargaov, BMC	Proposed; Rs.39500/-	Proposal to be made in TEQIP format under suitable head

			Electroplast Pvt. Ltd..		
30/05/2016 (Monday)	Information technology	Modern trends in High Performance Distributed Computing (HPDC)		Rs.25000/-	do
31/05/2016	R&D Cell	Achieving funded R&D projects: Little footsteps		Proposed; Rs.30000/-	Proposal to be made in TEQIP format under suitable head
01/06/2016	Electronics & Communication Engineering	MEMS, Nano-Electronics	Prof. T.K. Bhattacharyya, IIT Kharagpur	Proposed; Rs.25000/-	Proposal to be made in TEQIP format under suitable head

(f) **International Conference:** The proposal for international conference on Industry Interactive Application on Science, Engineering & Technology (I3-SET) during 23-24 Sept. 2016 has been discussed and **provisionally approved**. Expected budget is Rs. 30.00 lakhs. It has been requested to submit detailed proposal.

(g) **Tata Technologies:** A collaborative initiative with Tata Technologies has been going on for skill development of the Core Engineering students (CE, ME & EE) extended to Computer Science and Engineering and Electronics through demand driven training. Detail proposal including budget was yet to receive. On receipt of detailed proposal this will be considered **subject to availability of fund under TEQIP**.

Budget for the financial year 2016-17 placed before the Board and the same was approved by the Board.

The meeting ended with a vote of thanks to the chair.

Sd/-

(Dr. S.K.Mitra)
Principal, JISCE
Member-Secretary, BOG.