ANNA UNIVERSITY

UNIVERSITY COLLEGE OF ENGINEERING

BHARATHIDASAN INSTITUTE OF TECHNOLOGY CAMPUS

TIRUCHIRAPPALLI – 620 024.

17-10-2013 : 3.30 P.M.

Minutes

At the outset, the Chairman, Board of Governors warmly welcomed the distinguished members of the Board of Governors of Bharathidasan Institute of Technology Campus, Tiruchirappalli.

The chairman congratulated Dr. S. Muttan for assuming the charge as Dean of Bharathidasan Institute of Technology Campus, Tiruchirappalli. He also highlighted the service rendered by Dr. R. Krishnamoorthy, Former Dean and recorded the appreciation.

The chairman requested the Dean to take appropriate steps for the appointment of UGC nominee and State Government nominee to the Board of Governors, Bharathidasan Institute of Technology Campus, Tiruchirappalli. The non-availability of the member of BoG Mr. S. Ramanathan, Consultant (Oil Extraction), No.9, 1st Main Road, Raja Colony, Tiruchirappalli – 620 001 was also discussed and the Dean is directed to take necessary steps for the appointment of new member in consultation with University Authorities and the Chairman of BoG.

The chairman requested the members of BoG to refer the good practice guide for governing bodies such as primary accountabilities, openness and transparency in the operation of governing bodies, key attributes of governing bodies, effectiveness and performance review of governing bodies and regulatory compliance.

004.01.01 To consider and approve minutes of the Third Board of Governors meeting held on 05.07.2013

To confirm the Minutes of the Third Board of Governors meeting held on 05.07.2013.

RESOLVED TO APPROVE the third BoG meeting minutes.

004.02.01 To inform about the appointment of Dr. S. Muttan, Regional Director(i/c) as Dean of Bharthidasan Institute of Technology Campus, Tiruchirappalli with effect from 23.09.2013

Dr. S. Muttan, Regional Director (i/c), Anna University, Regional Centre, Tiruchirappalli, assumed additional charge as Dean, Bharathidasan Institute of Technology Campus, Tiruchirappalli– 620 024 with effect from 23.09.2013 A.N.

RESOLVED TO NOTE that Dr. S. Muttan, Regional Director (i/c) assumed additional charge as Dean, Bharathidasan Institute of Technology Campus, Tiruchirappalli.

004.02.02 To inform about the Establishment of Centre of Excellence (CoE) in Nano-Bio Translational Research at Bharathidasan Institute of Technology Campus by Anna University.

The Centre for Excellence (COE) in Nano – Bio Translational Research is established at Bharathidasan Institute of Technology Campus by Anna University as per the approval of the University Syndicate.

RESOLVED TO NOTE about the Establishment of Centre of Excellence (CoE) in Nano - Bio Translational Research at Bharathidasan Institute of Technology Campus by Anna University.

004.02.03 **To inform about the Submission of Application to National Board of Accreditation for the grant of Accreditation status to various departments**

The application for the grant of Accreditation by National Board of Accreditation to the following U.G. degree programmes offered by Bharathidasan Institute of Technology Campus were submitted and the registration fee of Rs. 15,73,040/- (Rupees Fifteen Lakhs Seventy Three Thousand and Forty only) was paid from TEQIP funds

1. B.E., Automobile Engineering
2. B.Tech. Biotechnology
3. B.Tech. Petrochemical Technology
4. B.Tech. Pharmaceutical Technology
5. B.Tech. Information Technology

RESOLVED TO NOTE about the Submission of Application to National Board of Accreditation for the grant of Accreditation status to various departments.

004.02.04 **To inform about the visit of the Mentor to the Institute on 01.08.2013 & 02.08.2013.**

The mentor appointed by National Project Implementation Unit (NPIU), Noida Dr.Bh. NagabhushanaRao, Senior Professor (Retd.) Secunderabad, Andhra Pradesh visited the institute on 01.08.2013 & 02.08.2013 and he has submitted the detailed report to SPFU & NPIU.

A detailed discussion on the various issues mentioned in the report submitted by the Mentor during the visit to the Institute on 01.08.2013 & 02.08.2013 was done.
FURTHER IT IS RESOLVED TO NOTE about the various issues mentioned in the report.

004.02.05 **To inform about the starting of new P.G. Programme M.Tech. Bio-Pharmaceutical Technology in Bharathidasan Institute of Technology (BIT) Campus as per the approval of the University Syndicate.**

A new P.G. Programme, M.Tech. Bio-Pharmaceutical Technology is started from the academic year 2013-14 in Bharathidasan Institute of Technology (BIT) Campus as per the approval of the University Syndicate. The students were admitted through the Tamilnadu Common Admission (TANCA).

RESOLVED TO NOTE about the starting of new P.G. Programme M.Tech. Bio-Pharmaceutical Technology in Bharathidasan Institute of Technology (BIT) Campus as per the approval of the University Syndicate.

004.02.06 **To inform about the Procurement status under TEQIP-II of various Departments of Bharathidasan Institute of Technology Campus.**

Based on the approval from the Board of Governors, Bharathidasan Institute of Technology (BIT) Campus and by following the procedures of TEQIP procurement process were initiated and purchased. The details of procurement status are detailed in annexure.

The BoG directed the Dean to expedite the purchase process as per the direction of SPFU & NPIU. The delay in each and every step should be avoided to enable the release of second instalment at the earliest.

RESOLVED TO NOTE the Procurement status under TEQIP-II of various Departments of Bharathidasan Institute of Technology Campus.

004.02.07 To inform about the Faculty Development Programme conducted by various department of Bharathidasan Institute of Technology Campus.

Based on the approval of Board of Governors, the Faculty Development Programmes were conducted by the following department of Bharathidasan Institute of Technology Campus

Sl. No.	Department	Topic	Date	No. of Participant
01	Automobile	RESEARCH AVENUES IN WELDING TECHNOLOGY	01/08/2013 - 08/08/2013	66
02	Biotechnology	EMERGING TRENDS IN BIOTECHNOLOGY	19/08/2013 - 25/08/2013	38
03	Electrical and Electronics Engineering	SOFT COMPUTING TECHNIQUES IN ELECTRICAL ENGINEERING	19/08/2013 - 25/08/2013	33
04	Electronics and Communication Engineering	A COMPENDIUM IN HIGH SPEED AND MOBILE NETWORKS	05/08/2013 - 11/08/2013	21
05	Civil Engineering	ADVANCES IN BUILDING TECHNOLOGY	19/08/2013 - 25/08/2013	21
06	Computer Science and Engineering	RESEARCH PERCEPTION ON EMERGING AREAS OF COMPUTER SCIENCE	19/08/2013 - 25/08/2013	31
07	Information Technology	DIGITAL IMAGING PROGRAMME	25/07/2013 - 31/07/2013	33
08	Mechanical Engineering	NUMERICAL METHODS AND OPTIMIZATION TECHNIQUES IN MACHINICAL ENGINEERING	19/08/2013 - 25/08/2013	25
09	Petrochemical Technology	RECENT TRENDS IN RENEWABLE AND NON RENEWABLE ENERGY SOURCES	26/08/2013 - 01/09/2013	55
10	Pharmaceutical Technology	CURRENT DEVELOPMENT IS LIFE SCIENCE: AN INTER DISCIPLINARY APPROACH	19/08/2013 - 25/08/2013	34

RESOLVED TO NOTE about the Faculty Development Programmes conducted by various departments of Bharathidasan Institute of Technology Campus.

004.02.08 To inform about the various Management Capacity Enhancement Programme attended by the Faculty Members.

The Faculty Members attended various Management Capacity Enhancement Programme organized by various agencies.

- **2 faculty members attended Team Building And Conflict Management Programme** from July 29th 2013 to July 31st 2013 at Salem.

- **2 faculty members attended Management Capacity Enhancement Programme** from August 27th 2013 to August 31st 2013 at Coimbatore.

RESOLVED TO NOTE the various Management Capacity Enhancement Programmes attended by the Faculty Members.

004.02.09 To inform about the various Faculty Development Programme attended by the Faculty Members.

The Faculty Members were deputed to attend various Faculty Development Programme organized by various agencies in the subject of interest.30 faculty members from various departments attended the Faculty Development Programmes organized by Anna University Chennai, IIT Madras, Chennai.

RESOLVED TO NOTE the various Faculty Development Programmes attended by the Faculty Members.

004.02.10 To inform about participation in various meeting organized by SPFU &NPIU.

1. A meeting in connection with signing of MOU was held at Centre for Faculty Development, Anna University, Chennai on 10.07.2013 organized by the Commissioner of Technical Education and Head, SPFU, Chennai. Dr. R. Krishnamoorthy, Dean, Bharathidasan Institute of Technology Campus & Dr. T. Sree Renga Raja, Coordinator, TEQIP-II Bharathidasan Institute of Technology Campus had attended the above meeting from the Bharathidasan Institute of Technology Campus, Tiruchirappalli.

2. Another meeting in connection with signing of MOU was held at Centre for Continuing Education Programme, IIT Madras, Chennai on 29.07.2013 organized by the Commissioner of Technical Education and Head, SPFU, Chennai. Dr. R. Krishnamoorthy, Dean, Bharathidasan Institute of Technology Campus & Dr. T. Sree Renga Raja, Coordinator, TEQIP-II Bharathidasan Institute of Technology Campus had attended the above meeting from the Bharathidasan Institute of Technology Campus, Tiruchirappalli.

3. A meeting of the External experts with MHRD/NPIU/SPFU and respective Institutions was held on 13.08.2013 at Directorate of Technical Education, Chennai organized by the Commissioner of Technical Education & Head of SPFU, Chennai. Dr. S. Saravanan, Nodal Officer (Finance), Dr.K. Nehru, Nodal Officer (Academic) & Mr. M. Rengasamy, Nodal Officer (Procurement) had attended the above meeting on behalf of the Bharathidasan Institute of Technology Campus, Tiruchirappalli.

4. The project review meeting was held on 24.09.2013 at Hotel ITC Windsor in the Hall No. III, Bangalore to discuss about TEQIP-II activities organized by NPIU, Noida & SPFU, Karnataka. Dr. S. Muttan, Regional Director & Dean Dr. T. Sree Renga Raja, Coordinator, TEQIP-II had attended the above review meeting from the Bharathidasan Institute of Technology Campus, Tiruchirappalli.

5. TheTraining Workshop on MIS for second cycle institutions on 09.10.2013 & 10.10.2013 was organized at the Institute of Chemical (Computer Centre), Matunga, Mumbai to discuss about TEQIP-II MIS Data Entry activities. Mr. S. Sivanesh, Nodal Officer (Equity) had undergone the above review meeting from the Bharathidasan Institute of Technology Campus, Tiruchirappalli.

RESOLVED TO NOTE the participation of officials in various meeting organized by SPFU &NPIU in connection with TEQIP-II.

004.02.11 To inform about the approval for registration of animal house at Bharathidasan Institute of Technology (BIT) Campus.

The Committee for the purpose of Control and supervision of experiments on animals, Animal welfare division, Ministry of Environment, Government of India has given the approval for registration of animal house at Bharathidasan Institute of Technology (BIT) Campus.

RESOLVED TO NOTE about the approval for registration of animal house at Bharathidasan Institute of Technology (BIT) Campus.

004.02.12 To inform about the Expenditure details up to 30th September, 2013 under TEQIP-II.

The expenditure up to 30th September, 2013 of the TEQIP Fund received from SPFU is detailed in annexure.

RESOLVED TO NOTE the Expenditure details up to 30th September, 2013 under TEQIP-II.

004.03.01 To consider and approve the National Shopping (NS) Method, National Competitive Bidding Method (NCB) & Proprietary Items Under Direct Contract Method for various Departments of BIT Campus Tiruchirappalli

(Information Circulated on 22.08.2013 for the Information through Email)

The list of equipments and their detailed specifications along with estimated amounts as submitted in annexure, sent by the respective Heads of the various Engineering and Technology Departments were approved by the purchase committee constituted for drawing tender specifications.

1. NATIONAL SHOPPING (NS) METHOD		
Sl. No.	**Name of the Department**	**Estimated Cost Rs.**
1.1	Bio Technology	4,00,000
1.2	Civil Engineering	4,89,488
1.3	Automobile Engineering	5,82,750
1.4	Electrical and Electronics Engineering	6,82,500
1.5	Computer Science and Engineering	28,50,655
1.6	Library	14,00,000
1.7	TEQIP Office	7,75,000
	Sub Total (1)	**71,80,393**
2. NATIONAL COMPETITIVE BIDDING METHOD (NCB)		
Sl. No.	**Name of the Department**	**Estimated Cost Rs.**
2.1	Bio Technology	12,60,000
2.2	Civil Engineering	32,63,250
2.3	Mechanical Engineering	14,70,000
2.4	Electrical and Electronics Engineering	25,25,000
2.5	Information Technology	50,00,000
2.6	Electronics and Communication Engineering	22,90,000
2.7	Pharmaceutical / Petrochemical Technology	13,65,000
2.8	Computers for CSE-100, PH-5, PT-10, ME-60 & TEQIP-5	72,51,840
	Sub Total (2)	**2,44,25,090**

3. PROPRIETARY ITEMS UNDER DIRECT CONTRACT METHOD		
Sl. No.	**Name of the Department**	**Estimated Cost Rs.**
3.1	CSE / EEE	9,80,000
3.2	Electrical and Electronics Engineering	3,24,301
3.3	Computer Science and Engineering	5,85,000
3.4	Electronics and Communication Engineering	17,52,450
3.5	Library	9,00,000
	Sub Total (3)	**45,41,751**
	Grand Total [1 + 2 + 3]	**3,61,47,234**

The above purchases were approved already through circulation.

RESOLVED TO APPROVE the National Shopping (NS) Method, National Competitive Bidding Method (NCB) & Proprietary Items Under Direct Contract Method for various Departments of BIT Campus Tiruchirappalli

004.03.02 To consider and approve the repeat procurement process by National Shopping (NS) Method for the following items under TEQIP-II.

The procurement through National Shopping (NS) Method was processed and the following ten items were stopped due to variation in the quoted price with the budgetary cost and insufficient quotations. The mentioned equipments are necessary to the departments.

Sl. No.	Item Code	Item Name	Department	Budgetary Cost Rs.
01	TEQIP-II/TN/TN1G04/1	- 86°c Deep Freezer	Bio - Technology	6,00,000
02	TEQIP-II/TN/TN1G04/19	Power Quality Analyser	Electrical and Electronics Engineering	6,70,432
03	TEQIP-II/TN/TN1G04/32	Multiplexing System	Electronics and Communication Engineering	4,38,750
04	TEQIP-II/TN/TN1G04/36	Semi Automatic Bomb Calorimeter & Printer	Petrochemical Technology	3,36,000
05	TEQIP-II/TN/TN1G04/34	3 KVA Ups with 48 AH smfInbuild batteries	Computer Maintenance	2,46,750
06	TEQIP- II/TN/TN1G04/13	Pump Efficiency test rig	Mechanical Engineering	1,35,450
07	TEQIP- II/TN/TN1G04/24	Flexible Wall Hydro Conductivity Meter	Civil Engineering	1,43,125
08	TEQIP- II/TN/TN1G04/03	Gel Documentation System	Biotechnology	7,00,000
09	TEQIP- II/TN/TN1G04/18	High Pressure Homogenizer	Pharmaceutical Technology	2,49,375
10	TEQIP- II/TN/TN1G04/17	Rotary Evaporator	Pharmaceutical Technology	2,99,250

RESOLVED TO APPROVE that no new approval is required for repeat procurement process by National Shopping (NS) Method for the above items under TEQIP-II and approval is only required to change in case of changes in the specifications and estimated cost.

004.03.03 To consider and approve the bridge courses for academically weak students

To improve the result of the students it is necessary to arrange bridge courses, remedial teaching classes and skill development training for academically weak students based on the recommendation of the Head of the Department. The Honorarium is fixed as per the State Steering Committee recommendations.

RESOLVED TO APPROVE the conduct of bridge courses for academically weak students in accordance with the honorarium as per the State Steering Committee recommendations.

004.03.04 To consider and approve the TA/DA norms for Faculty and Experts for participating the FDP, workshop and Seminar under TEQIP-II

The Faculty are participating in various programmes organized by Institutions under TEQIP-II. As per the directions of NPIU, TA/DA norms may be followed as per the Government of India norms or as per the norms of the institutions. The details are given in the annexure.

RESOLVED TO APPROVE the TA/DA norms for Faculty and Experts for participating in FDP, workshop and Seminar under TEQIP-II only as per the Anna University, Chennai norms. Any exceptions should be brought to the BOG for necessary ratification.

004.03.05 To consider and approve the Pedagogical Training Programme arranged for faculty members of the Institute.

It is necessary to give pedagogical training to the faculty members of the Institute for the improvement in teaching and learning methodology. NITTTR, Chennai is offering one week and two weeks pedagogical training programmes for the faculty members. The necessary fees and charges may be paid as per the request of NITTTR, Chennai.

RESOLVED TO APPROVE the Pedagogical Training Programmes to be arranged for faculty members of the Institute.

004.03.06 To consider and approve the Staff Training Programme to be arranged for Non-Teaching Staff including administrative and technical staff.

The training programmes for non-teaching staff are to be arranged for the benefit of the Staff. Two days training programme may be permitted with the budget estimate of Rs. 30,000/- per programme for 50 participants. The amount may be sanctioned in prorate basis if more than 50 participants attend.

RESOLVED TO APPROVE the Staff Training Programmes to be arranged for Non-Teaching Staff including administrative and technical staff.

004.03.07 To consider and approve the teaching assistantship to the newly established course in M.Tech. Bio-Pharmaceutical Technology.

The teaching assistantship may be extended to the newly established course in M.Tech. Bio-Pharmaceutical Technology for 4 first year students as per the existing norms.

RESOLVED TO APPROVE the teaching assistantship to the newly established course in M.Tech. Bio-Pharmaceutical Technology after obtaining the AICTE approval.

004.03.08 To consider and approve the teaching assistantship for 31 first year Post Graduate students.

The teaching assistantship for 31 first year post graduate students from various departments as per the norms and the stipend of Rs. 6,000/- per month may be approved.

S. No.	NAME OF STUDENTS	CATEGORY	COURSE
1	VINOTH M	BC	M.TECH (E.C.M)
2	SATHAM HUSSAIN I	BC (GT)	M.TECH (E.C.M)
3	ARUN KUMAR C	MBC	M.TECH (E.C.M)
4	CHANDAR RAJA R	SC	M.TECH (E.C.M)
5	BABU R	BC	M.TECH (BIO-TECH)
6	SATHAKKATHUL ZARYA J	BC (GT)	M.TECH (BIO-TECH)
7	LAVANYA P	MBC	M.TECH (BIO-TECH)
8	AARTHI R	SC	M.TECH (BIO-TECH)
9	KIRUTHIGA S	BC	M.E (CSE)
10	CHANDRA PRIYA J	BC (GT)	M.E (CSE)
11	ANITHA DEVI S	MBC	M.E (CSE)
12	SINDHUJA K	SC	M.E (CSE)
13	SHAKIRA BANU L	BC	M.E (SE)
14	DEEBIKA G	MBC	M.E (SE)
15	SHANTHINI P	MBC (GT)	M.E (SE)
16	KALAIARASI T	SC	M.E (SE)
17	REGINA MERCY ANGELA R	BC	M.E (PERVASIVE)
18	RAMADEVI V	BC (GT)	M.E (PERVASIVE)
19	RAJESWARI V	MBC	M.E (PERVASIVE)
20	HARISHA KK	SC	M.E (PERVASIVE)
21	DHAARANI D	BC (GT)	M.E (ENVIRONMENTAL)
22	PREETHI G	BC	M.E (ENVIRONMENTAL)
23	THANGAMUTHU P	MBC	M.E (ENVIRONMENTAL)
24	POONGUZHALI R	SC	M.E (ENVIRONMENTAL)
25	ARULRAJ A	BC	M.TECH (NANO)
26	AJAY PIRIYA V S	BC (GT)	M.TECH (NANO)
27	SUGANYA P	MBC	M.TECH (NANO)
28	KAVIYA TS	SC	M.TECH (NANO)
29	CHANDRA SEKAR J	MBC	M.TECH (BIO-PHARMA)
30	KAMALAKANNAN S	BC	M.TECH (BIO-PHARMA)
31	RAMESH M	BC (GT)	M.TECH (BIO-PHARMA)

RESOLVED TO APPROVE the teaching assistantship for the students of AICTE approved first year Post Graduate students of Engineering and Technology branches.

004.03.09 To consider and approve the reimbursement of Ph. D. Tuition Fee paid by the regular Faculty Members of the Institute.

To encourage the faculty members to do research and upgrade the qualification in the tuition fee may be reimbursed from the TEQIP-II funds from January 2014 including those already registered.

RESOLVED NOT TO APPROVE the reimbursement of Ph. D. Tuition Fee paid by the regular Faculty Members of the Institute.

004.03.10 To consider and approve the Research Methodology Programs to be organized in the Institute.

It is proposed to conduct one day Research Methodology Programme under TEQIP-II with the maximum financial assistance of Rs. 30,000/- (Rupees Thirty Thousand only) per programme.

RESOLVED TO APPROVE the conduct of Research Methodology Programs in the Institute.

004.03.11 To consider and approve the Faculty Development Program to be organized by all 14 departments (Engineering, Technology and Science & Humanities).

Already 10 Faculty development programmes under TEQIP-II were conducted by various Engineering and Technology departments during the month of August 2013. Due to the overwhelming response of participants, it is proposed to conduct Faculty development programme again with the existing norms with a grant of Rs. 1,00,000/- (Rupees One Lakh only) per programme on prorate basis above the minimum participants in the month of November & December 2013 by the all 14 departments of Engineering and Technology and including Science & Humanities.

RESOLVED TO APPROVE the various Faculty Development Programs to be organized by the 14 departments (Engineering, Technology and Science & Humanities).

004.03.12 To consider and approve the Workshop& Seminar to be organized by the Department of Science & Humanities.

It is proposed to conduct Workshop& Seminar under TEQIP-II with the maximum financial assistance of Rs. 50,000/- (Rupees Fifty Thousand only) per programme on prorate basis in the months of November & December 2013 by the departments of Science & Humanities.

RESOLVED TO APPROVE the conduct of Workshop & Seminar to be organized by the Department of Science & Humanities.

004.04.01 To ratify the approval for Two Days Seminar & Workshop organized by all the departments of Engineering& Technology for the welfare of the students.

Two Days Seminar& Workshop in the emerging areas related to the departments were approved under TEQIP-II with the maximum financial assistance of Rs. 50,000/- (Rupees Fifty Thousand only) on prorate basis per programme in the month of October 2013 by all the departments of Engineering and Technology.

RESOLVED TO RATIFY AND APPROVAL the conduct of Two Days Seminar & Workshop organized by all the departments of Engineering & Technology for the welfare of the students.

Mr. R. Balasubramanian   **Dr. S. Shanmugavel**

Dr. K. Ruckmani   **Dr. P. Rajaguru**   **Dr. S. Muttan**