

BHARATHIDASAN INSTITUTE OF TECHNOLOGY (BIT) CAMPUS ANNA UNIVERSITY, TIRUCHIRAPPALLI - 620 024

FIFTEENTH MEETING OF BOARD OF GOVERNORS 09th May 2016, Monday at 10:00 A.M.

MINUTES

BHARATHIDASAN INSTITUTE OF TECHNOLOGY (BIT) CAMPUS

ANNA UNIVERSITY, TIRUCHIRAPPALLI – 620 024

09.05.2016 : 10.00 A.M.

The Fifteenth BOG meeting was conducted in the Dean's Office. At the outset, the Chairman of the Board of Governors warmly welcomed the distinguished members. The Chairman briefed the reasons for the circular note approval of the three BoG meetings and the delay in convening this meeting. In this context, Chairman informed about the release of additional Rs.5.00 crores from NPIU based on our excellent performance of the Institute. The time frame fixed for the procurement under the additional fund sanction stipulates that ordering has to be completed before 30.04.2016 has forced us to act fast and hence the required approvals at every stage from BoG were obtained through circulation (12th, 13th and 14th). All the members accepted the facts and accepted the BOG minutes. Then the regular agenda was taken up for discussion as below:

015.01.01 To consider and approve the minutes of the Eleventh Board of Governors (BoG) meeting held on 10.10.2015

> To confirm the minutes of the Eleventh Board of Governors (BoG) meeting held on 10.10.2015.

> RESOLVED TO APPROVE the minutes of the Eleventh Board of Governors (BoG) meeting held on 10.10.2015

015.01.02 To consider and approve the minutes of the Twelveth Board of Governors meeting (by circulation) dated 01.12.2015

To confirm the Minutes of the Twelveth Board of Governors meeting (by circulation) dated 01.12.2015.

RESOLVED TO APPROVE the minutes of the Twelveth Board of Governors meeting (by circulation) dated 01.12.2015

015.01.03 To consider and approve the minutes of the Thirteenth Board of Governors meeting (by circulation) dated 08.01.2016

To confirm the Minutes of the Thirteenth Board of Governor meeting (by circulation) dated 08.01.2016.

RESOLVED TO APPROVE the minutes of the Thirteenth Board of Governors meeting (by circulation) dated 08.01.2016

015.01.04 To consider and approve the minutes of the Fourteenth Board of Governors meeting (by circulation) dated 26.04.2016

To confirm the Minutes of the Fourteenth Board of Governor meeting (by circulation) dated 26.04.2016 .

RESOLVED TO APPROVE the minutes of the Fourteenth Board of Governors meeting (by circulation) dated 26.04.2016

015.02.01 To inform about the allocation of additional fund from NPIU through SPFU, Chennai to our Bharathidasan Institute of Technology (BIT) Campus Anna University, Tiruchirappalli.

> An additional fund of Rs. 5.00 Crores has been sanctioned to our Bharathidasan Institute of Technology (BIT) Campus Anna University, Tiruchirappalli based on the fulfilment of Eight out of Eight point performance Indicator score. The detailed action plan for the utilization of above fund as submitted to SPFU, Chennai is enclosed for kind perusal.

> RESOLVED TO NOTE the allocation of additional fund from NPIU through SPFU, Chennai to our Bharathidasan Institute of Technology (BIT) Campus Anna University, Tiruchirappalli. The Chairman of the BOG appreciated the Dean and TEQIP team for their achievements.

015.02.02 To inform about the recipient of Intellectual Property award (IP) to Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli from Anna University, Chennai

Dr.T.Senthilkumar, Dean, Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli had received an Intellectual Property award (IP) for securing National and International patents from the Dr.S.Ganesan, Registrar, Anna University, Chennai on 19th April 2016.

RESOLVED TO NOTE the recipient of Intellectual Property award (IP) to Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli from Anna University, Chennai. The Chairman of BOG congratulated our Institute for its laudable performance in securing Intellectual Property award (IP).

015.02.03 To inform about the appointment of Dr.P.Rajaguru as purchase committee member, Bharthidasan Institute of Technology (BIT) Campus, Tiruchirappalli with effect from 14.07.2014

Dr.T.Sekar, Professor, Department of Petrochemical Technology retired from the service. Hence, Dr.P.Rajaguru, Professor, Department of Biotechnology was appointed as purchase committee member, Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.

RESOLVED TO NOTE the appointment of Dr.P.Rajaguru as purchase committee member, Bharthidasan Institute of Technology (BIT) Campus, Tiruchirappalli with effect from 14.07.2014

015.02.04 To inform about the Graduation Day was held for the students passed out in the academic year 2014-15

The Graduation day (2014-15) for the five constituent colleges viz Bharathidasan Institute of Technology and the University colleges of Engineering such as Ariyalur, Panruti, Pattukottai and Thirukuvalai was held at Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli on 19.03.2016 for the students passed in the academic year 2014-2015. During this function, a total of 2189 undergraduate and postgraduate students of Bharathidasan Institute of Technology Campus Tiruchirappalli, University Colleges of Engineering at Ariyalur, Panruti, Pattukottai and Thirukuvalai under Regional Office, Tiruchirappalli of Anna University received their degrees out of which 1097 are boys and 1092 are girls. During this event, 3 state top rank holders were felicitated with mementos, 44 department top rank holders were awarded with gold medals and 23 college rank holders were awarded with certificates. Dr. U. Kamachi Mudali, Outstanding Scientist and Associate Director of Indira Gandhi Center for Atomic Research Kalpakkam was the chief guest of the function. The Graduation Day function was presided by **Dr. M. Rajaram**, **Honorable Vice-Chancellor of Anna University**. The occasion was graced by the presence of Dr. S. Ganesan, Registrar of Anna University, Mr.R.Balasubramanian, Chairman, BOG, BIT Campus, Tiruchirppalli and Controller of Examinations of Anna University Dr. R. Raju. Dr. T. Senthilkumar, the Dean of Bharathidasan Institute of Technology Campus Tiruchirappalli enumerated the achievements of both Faculty and Students of Anna University's Tiruchirappalli Regional Office in academics, research and sports.

RESOLVED TO NOTE the Graduation Day was held for the students passed out in the academic year 2014-15. From the next Graduation day function onwards, the BoG members from outside may be invited as special guests and subject to feasibility a BoG meeting can be programmed either previous day or day after

015.02.05 To inform about the various Programme attended by the Faculty Members of various Departments of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli.

The Faculty Members attended various programmes organized by various agencies.

- Dr.M.Balasingh Moses, Assistant Professor & Head, Department of EEE, have attended and present his paper in the IEEE Conference CENCON 2015 at Malaysia on 19.10.2015 and 20.10.2015
- Dr.S.Venkatesan, Coordinator, Placement Cell have attended and present his paper in the International Conference CHEMCON 2015 - Indian Chemical Engineering Congress 27.12.2015 to 30.012.2015 at IIT Guwahati

- Dr.M.Arulmozhi, Assistant Professor and Head Department of Petrochemical Technology have attended the Management Capacity Enhancement Programme during 16th to 20th November 2015 at IIM Lucknow (Noida Campus)
- Dr.K.Jothivenkatachalam, Assistant Professor, Department of Chemistry have attended the Management Capacity Enhancement Programme during 16th to 21th November 2015 at IIM Raipur.
- Dr.P.Gopal, Assistant Professor, Department of Automobile Engineering have attended the Management Capacity Enhancement Programme during 16th to 20th November 2015 at IIM Trichy (Chennai Campus).
- Dr.V.Thangaraj, Assistant Professor, Department of Chemistry have attended the Management Capacity Enhancement Programme during 23rd to 29th November 2015 at IIM Kozhikode.
- Dr.E.Sanmuga Priya, Assistant Professor, Department of Pharmaceutical Technology have attended and present her paper in the 36th Annual Conference of IABMS 2015 period from 18.12.2015 to 207.12.2015 at Pondicherry University, Puducheery organized by Department of Biotechnology
- Mr.S.Thennavan, System Assistant have attended the the 4th NKN Annual Workshop during 21st -22nd January 2016at Jawaharlal Nehru Technological University, Hyderabad.
- Dr.M.Arulmozhi, Assistant Professor and Head, Department of Petrochemical Technology have attended and present her paper in the International Conference on Translational Biotechnology (Biosangam 2016) during 4th-6th February 2015 at National Institute of Technology, Allahabad organized by Department of Biotechnology.
- Dr.R.Nandhini, Assistant Professor and Head, Department of English have attended the Management Capacity Enhancement Programme during 18th to 22nd January 2016 at IIM Trichy (Chennai Campus).
- Dr.M.Bhuvaneshwari, Assistant Professor, Department of ECE and Dr.V.R.Sarma Dhulipala, Assistant Professor, Department of Physics attended

the two days "Symposium on Teaching Learning in Higher Technical Education" during 22nd to 23rd January 2016 at Chennai organized by Teaching Learning Centre, IIT Madras and SPFU Tamilnadu Chennai.

- Dr.P.Sureshkumar, Associate Professor, Department of Biotechnology have attended and present his paper in the National Conference on Trends and Advances in Biotechnology (BIOKUMBH 2016) during 20th-21th February 2015 at University of Allahabad, organized by Department of Biotechnology
- FIVE Faculty members have attend the three days Faculty Development Programmes on "Learning Improvement Techniques" during 28th to 30th January 2016 at Chennai organized by Teaching Learning Centre, IIT Madras and SPFU Tamilnadu Chennai.
- Dr.P.Senthamil Selvan, Assistant Professor, Department of Pharmaceutical Technology have attended and present his paper in the two days National Conference on Phythochemicals as Biotherapeutics - Unravelling the Mystery of Natural Products (HERBESCON 2016) " during 17th-18th February 2016 at Department of Biomedical Sciences, Sri Ramachandra University, Chennai
- FIVE Faculty members have attend the three days Faculty Development Programmes on "Learning Improvement Techniques" during 25.02.2016 to 27.02.2016 February 2016 at Teaching Learning Centre, IIT Madras
- Mr.C.Udayakumar, Assistant and Mr.R.Nagandaran, Assistant have attended the three days Residential Workshop on "Experiential Learning Residential Workshop" during 26.02.2016 to 28.02.2016 February 2016 at Anna Institute of Management, Chennai.

RESOLVED TO NOTE the participation of Faculty Members of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli in various programmes organized by various agencies.

015.02.06 To inform about the various Programme conducted by various Departments of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli. Various Faculty Development Programmes and Training Programmes were conducted by the following Departments of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli.

SI. No.	Department	Торіс	Date	No. of Participants
01	Biotechnology	BIORITZ'16	19 th - 20 th February 2016	270
02	Civil Engineering	INNOGIDO'16	25 th - 26 th February 2016	174
03	Petrochemical Technology	PROSPECT'16	5 th - 6 th February 2016	292
04	ECE	TROY - 2016	02 nd - 03 rd March 2016	204
05	Information Technology	PRAYUDDHA'16	10 th - 11 th March 2016	137
06	CSE	FENIX'16	03 rd - 04 th March 2016	89
07	Automobile Engineering	AUTOPIA - 16	10 th - 11 th March 2016	157
08	Mechanical Engineering	CANDENTIA'16	02 nd - 03 rd March 2016	173
09	Pharmaceutical Technology	PANACEA	10 th - 11 th March 2016	108
10	Biotechnology	Advance in Biotechnology	10 th - 11 th March 2016	97
11	Petrochemical Technology	Emerging Trends in Unit Processes in Petrochemical Industries	12 th - 13 th February 2016	106
12	ECE	Recent Trends in Wireless Communication	18 th - 19 th February 2016	102
13	Mechanical Engineering	High Temperature Properties of Materials	08 th - 09 th March 2016	158
14	Automobile Engineering	Automotive Materials	18 th - 19 th February 2016	105
15	CSE	Mobile and Web Services	12 th - 13 th February 2016	92
16	Information Technology	Mobile Application Development	17 ^h - 18 th February 2016	83
17	Pharmaceutical Technology	Principles and Applications of Advanced Analytical Instruments	01 st - 02 nd March 2016	111
18	Mathematics	Probability and Random Process	05 th - 06 th March 2016	107
19	Chemistry	Chemistry For Sustainable Green Environment	11 th - 12 th March 2016	112
20	English	An Assay to Self- Discovery	17 th - 18 th March 2016	103
21	Petrochemical Technology	Equipment Design Software Training Program	22 nd - 29 th February 2016	73

RESOLVED TO NOTE the programmes (Students Symposium, workshops and Student Training Programme) organized by the various Departments of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli.

015.02.07 To inform about the Mentor's visit to the Institute on 02.05.2016, 03.05.2016 and 04.05.2016.

The mentor appointed by National Project Implementation Unit (NPIU), Noida Dr. Bh. Nagabhushana Rao, Senior Professor (Retd.) Secunderabad, Andhra Pradesh has visited the institute on 02.05.2016, 03.05.2016 and 04.05.2016 for 4th Mentoring.

RESOLVED TO NOTE the three days visit of Mentor to the Institute during 02nd to 04rd of May, 2016. The report of the mentor will be circulated to all the BOG members as and when received.

015.02.08 To inform about the Internal Audit at TEQIP-II Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli for the First and Second half year of 2015-16 nominated by the State Project Facilitation Unit (SPFU), Chennai

> The State Project Facilitation Unit (SPFU) has nominated M/s N. Raja Associates, Chennai - 600 014 as the Internal Auditor.

> The internal audit was held on 19.11.2015 Mr. G. Velavan (Chartered Accountant) performed the audit and submitted the first half year (01.04.2015 to 30.09.2015) report to the SPFU, Chennai.

Mr. G. Velavan, performed the audit again on 09.05.2016 & 10.05.2016 for the second half year (01.10.2015 to 31.03.2016) the audit report will be to the SPFU, Chennai.

The First half of the audit report (01.04.2015 to 30.09.2015) received from SPFU are placed for perusal.

RESOLVED TO NOTE the visit of Mr. G. Velavan (Chartered Accountant), M/s N. Raja Associates, Chennai - 600 014 as an Internal Auditor for Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli, TEQIP-II for the second half year of 2015-16 nominated by the State Project Facilitation Unit (SPFU), Chennai.

The BOG suggested to resubmit the audit report along with the detailed reply to the audit points and the action taken in the next BOG meeting.

015.03.01 To consider and approve the Faculty Development Program to be organized by all the departments of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.

It is proposed to conduct Faculty development programme under TEQIP-II with the maximum financial assistance of Rs.2,00,000/- (Rupees Two Lakhs only) per programme between the months of May 2016 to June 2016 by all the Engineering / Technology, Science and Humanities Departments of BIT. An approximate expenditure of Rs.28,00,000/- (Rupees Twenty Eight Lakhs only) to be incurred may be met from the heads of Faculty and Staff Development for Improved Competence (4E) of TEQIP - II.

RESOLVED TO APPROVE the Faculty Development Program to be organized by all the departments of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.

Further, the settlement of advance for the programme must be completed within a month. For any further delay in the settlement, interest will have to be collected, as prescribed by the norms of Anna University, Chennai.

015.03.02 To consider and approve the reimbursement of tuition fees paid by the regular faculty member of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli for their upgradation of qualification in the academic year 2015-16.

As per the 7th and 10th BOG approval (Item No. **007.03.07 & 010.03.04)** tuition fees were reimbursed for the period June 2013, January 2014 and July 2014 to the Fifty Nine regular faculty members and January 2015 and June 2015 to the

Forty Nine regular faculty members of Bharathidasan Institute of Technology (BIT) Campus for an amount of Rs.11,41,376/- (Rupees Eleven Lakhs Forty One Thousand Three Hundred and Seventy Six Only). Hence, the approval for reimbursement of tuition fees for the regular faculty members pursing Ph.D. against the submission of original fees paid certificate along with the requisition submitted through the concerned Head of the Departments. This reimbursement may be made for the period of January 2016 and June 2016. An approximate expenditure of Rs.4,50,000/- (Rupees Four Lakhs Fifty Thousand only) to be incurred may be met from the heads of Faculty and Staff Development (4) of TEQIP - II.

RESOLVED TO APPROVE the reimbursement of tuition fees paid by the regular faculty member of Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli for their upgradation of qualification in the academic year 2015-16.

015.03.03 To consider and approve to increase the number of Teaching Research Assistantship (TRA) to the research students from the month of April 2016.

TEQIP II is providing financial assistance to the research student to attract more students to pursue higher education. Till date, Twenty six TRA fellowships were awarded with expenditure of Rs.23,34,531/- (Rupees Twenty Three Lakhs Thirty Four Thousand Five Hundred and Thirty One only). Presently there are Thirty three students pursuing without any fellowships till date. Hence it is requested that to cater more no. of needy students in the research programmes permission may accorded for providing TRA fellowship to all the non stipendiary research scholars. An additional sum of Rs.3,96,000/- (Rupees Three Lakhs Ninety Six Thousand only) is required per month which may be met from the heads of Assistantship (2) of TEQIP - II.

RESOLVED TO APPROVE to increase the number of Teaching Research Assistantship (TRA) to the 33 research students pursuing without any fellowship till date, from the month of May 2016 till October 2016.

015.03.04 To consider and approve the conduct of three days Inter disciplinary International Conferences to be organized by the all Departments of Bharathidasan Institute of Technology Campus.

It is proposed to conduct three days Inter disciplinary International Conferences to face lift and promote Institution's credentials and to encourage the faculty members and students to collaborate with International Experts in their chosen areas, which provides an platform for overseas research interactions and academic benefits to the Institution. The details are given below

SI.No	Inter Disciplinary Departments	Amount	
51.140	inter Disciplinary Departments	(Rs.)	
1	Mechanical Engineering and Civil Engineering	10,00,000	
2	Computer Science, Information Technology,	10,00,000	
2	EEE and ECE	10,00,000	
3	Biotechnology, Petrochemical Technology and	10,00,000	
5	Pharmaceutical Technology		
4	4 Physics, Chemistry and Mathematics		
	40,00,000		

The maximum financial assistance of Rs. 40,00,000/- (Rupees Forty Lakhs only) will be incurred which may be met from the heads of **Research and Development (3)** of TEQIP - II.

RESOLVED TO APPROVE the conduct of International Conferences to be organized among the various Departments of Bharathidasan Institute of Technology Campus. The Dean shall discuss further with all departments, chart a clear cut programme to make them truly international and inter disciplinary and see that they are completed before October 2016

015.03.05 To consider and approve the Staff Training Programme to be organized for administrative and technical staff of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.

The Staff Training Programme to be organized for administrative (One) and technical staff (One) of Bharathidasan Institute of Technology (BIT) Campus,

Tiruchirappalli. Two days training programme may be permitted with the budget estimate of Rs. 1,00,000/- per programme for Fifty participants

RESOLVED TO APPROVE the Staff Training Programme to be organized for administrative and technical staff of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.

015.03.06 To consider and approve the seed grant for research purposes to all the regular faculty members of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli to venture into innovative research and to strengthen research culture in the Institution.

To promote and encourage research activities among the faculty members of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli a seed money of Rs.50,000/- (Rupees Fifty Thousand only) may be provided to 133 nos. of regular faculty members (except deployed) of Bharathidasan Institute of Technology (BIT) Campus as a contingency amount to conduct preliminary research for apply for funded project and to acquire consultancy services. As per the guidelines of Project Implementation Plan (PIP) of NPIU under the section 7 permissible and non permissible expenditure under the head of Enhancement of Research and Development and Institutional Consultancy Activities. The approximate expenditure of Rs.66,50,000/- (Rupees Sixty Six Lakhs Fifty Thousand only) may be approved.

RESOLVED TO APPROVE the seed grant for research purposes to all the regular faculty members of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli to venture into innovative research and to strengthen research culture in the Institution. The expenditure must be recurring including the Membership in reputed Professional body. The detailed guidelines must be arrived by the Dean followed by the approval of Chairman of BOG.

Further, the faculty members already selected for Young Faculty Research Support Scheme (YFRSS) will be covered under this approval of Seed Grant instead of YFRSS.

015.03.07 To consider and approve the one week training Programme for students to be organized by various Engineering and Technology departments.

Proposals are received from various departments to conduct one week training programme for the students with the financial assistance from TEQIP II as per the direction of Eighth BoG minutes **008.01.01**. In this regard, the Department of Pharmaceutical Technology, Petrochemical Technology, Automobile Engineering and Mechanical Engineering have submitted the training proposals as below:

SI.	Dopartmont	No of Students	Duration	Amount
No.	Department	to be trained		requested
01	Pharmaceutical Technology	50	7 days	1,50,000
02	Petrochemical Technology	50	7 days	1,50,000
03	Automobile Engineering	120	7 days	1,50,000
04	Mechanical Engineering	120	7 days	1,50,000

The expenditure incurred may be met as per the guide lines of NPIU, mentioned in the Permissible and Non- Permissible Expenditure for Government funded and Aided Institutions under the sub component 1.1 Strengthening of Institutions to improve Learning Outcomes and Employability of Graduates in Section 8 of Table : 1 and sub division : 16 (Organizing subject area training programmes, workshops, seminars and conferences)

RESOLVED TO APPROVE the one week training Programme (5 to 7 days) for students to be organized by various Engineering and Technology departments

015.03.08 To consider and approve the Industrial workshop to train the students to create employability and to develop entrepreneurship skills.

The Mentor Dr. Bh. Nagabhushana Rao, Senior Professor (Retd.) Secunderabad, Andhra Pradesh during his visit to the institute as part of 4th mentoring visit suggested to Dr.T.Senthilkumar, Dean, Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli to conduct a Industrial workshop by inviting experts from the small, medium and large scale industries to train the students to create employability and to develop entrepreneurship skills. In this regards, the Heads of the Department are requested to identify and arrange such workshop during the month of July 2016 with the advice of the mentor Dr. Bh. Nagabhushana Rao and utilizing the expertise from Dr.S.Venkatesan, Coordinator, Placement Cell, Dr.P.Anbalagan, Coordinator, III Cell and Mrs. K.R.Mahalaxmi, Coordinator, Entrepreneur Cell. The approximate expenditure of Rs.1,00,000/- (Rupees One Lakh only) per programme may be met under Enhanced Interaction with Industry (5).

RESOLVED TO APPROVE the Industrial workshop to train the students to create employability and to develop entrepreneurship skills

Mr. R. Balasubramanian Chairman Dr. S. Ganesan Member Mr. K. E. Ragunathan Member

Prof. Vir Singh Member Mr.K.Arumugam Member Dr.S.Muttan Member

Dr. K. Ruckmani Member Dr. P. Rajaguru Member Dr. T.Senthilkumar Member Secretary