

**MINUTES OF MEETING OF GOVERNING COUNCIL OF  
G. B. PANT ENGINEERING COLLEGE, GHURDAURI, PAURI-GARHWAL**

The second Meeting of the Governing Council of G. B. Pant Engg. College, Pauri-Garhwal was held on 28-12-2015 at the IRDT conference room of Women I.T.I, Survey Chowk, Dehradun. The following members were present:

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| 1. Prof. B. S. Bisht (Ex-Vice Chancellor, GBPUAT Pantnagar),                                 | Chairman          |
| 2. Sri Om Prakash(Principal Secretary, Technical Education, Govt. of Uttarakhand),           | Member            |
| 3. Prof. M.Y. Shah (Professor & Head, Deptt. of Pharmacy, University of Kashmir, UGC Nominee | Member            |
| 4. Prof. S. P. Singh (Professor, Electrical Engg., I.I.T. Roorkee),                          | Member            |
| 5. Sri Pankaj Gupta (President, Indian Industries Association of Uttarakhand)                | Member            |
| 6. Dr. Pankaj Kumar Pandey (Director, Technical Education)                                   | Member            |
| 7. Prof. H. Goel (Prof. & Head, Applied Science & Humanities, GBPEC, Pauri)                  | Member            |
| 8. Dr. V. M. Mishra (Associate Prof. & Head, Electrical Engg. Deptt., GBPEC, Pauri)          | Member            |
| 9. Mr. Avnish Jain (Project Coordinator, SPFU, Dehradun)                                     | Invitee Member    |
| 10. Mr. S. P. Sachan (Dy. Project Coordinator, SPFU Dehradun)                                | Invitee Member    |
| 11. Prof. A. K. Swami, Principal, GBPEC, Pauri   | Member- Secretary |

The following members could not be present:

1. Prof. A. K. Ahuja, (Professor, Civil Engg., I.I.T. Roorkee)
2. Sri Amit Singh Negi, Secretary Finance

**Welcome of Hon'ble Chairman & Members**

The Member Secretary welcomed the Hon'ble Chairman & all the members of the Council.

2.01 The Council Confirmed the minutes of the 1<sup>st</sup> GC meeting held on 15-05-2013 in the Office of the Principal Secretary, Technical Education, Govt. of Uttarakhand.

2.02 The Member Secretary reported the status of expenditure of TEQIP-II Project till 30<sup>th</sup> Nov. 2015. The Council also ratified the procurement of below mentioned equipment/Softwares etc. for different departments as per World Bank / NPIU Procurement norms.

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Name of the Equipment/Softwares/LRs	Deptt. For which the item been procured	Method of Procurement followed	Cost (Rs. In Lakhs)
Plant Growth Chamber	BT	NS	8.493
Refrigerated Centrifuge	BT	NS	5.355
Fermenter	BT	NCB	20.893
PCB Prototype	ECE	NCB	10.867
Qualnet Software	CSE	DC	10.666
E-books (LRs)	LIBRARY	DC	6.000
laptops	ADMIN	NS	3.563
CNC wire cut EDM	ME	NCB	23.788
Automobile Research lab		NCB	26.72
	ME		
Digital image analysis lab workstations		NCB	24.34
	CSED		
FPGA Boards		NS	7.34
	ECE		
Gas Chromatograph		NS	9.60
	BT		
Incubator		NS	2.30
	BT		
Microwave simulator		NS	6.33
	ECE		
Image Processing lab Software		NS	8.84
	CSED		
2 D gel electrophoresis	BT	NCB	20.366
Multisim Software	CSED	NS	4.10

### 2.03 Procurement & Soft component activities action plan:

The Council discussed and approved the procurement action plan as mentioned below for the procurement of different equipment/instruments etc. for various departments for the remaining period of the project. However the Council suggested to attach specifications of each package in the Agenda for the next meeting.

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**Action Plan for Utilization of Balance Procurement Fund in TEQIP-II**

Sl. No.	Name of Package/Equipment	Expected Cost (Rs. Lakh)	Method of Procurement	Stage of procurement	Expected date of issue of P.O.	Expected date of receipt of equipment	Expected date of payment
1.	Wireless Sensor Network Lab	7.45	NS	P.O.placed	-	05-01-2016	15-01-2016
2.	Spectrophotometer	8.0	NS	P.O.placed	-	05-01-2016	15-01-2016
3.	Gel Documentation System	8.0	NS	P.O.placed	-	05-01-2016	15-01-2016
4.	Desktop Computers	69.0	NCB	Passed in CPC	01-01-2016	15/01/16	30-01-2016
5.	Measuring Equipment for High Frequency	30.0	NCB	To be put up in C.P.C	30-01-2016	15-02-2016	29-02-2016
6.	Electronics Device Simulator	9.0	NS	To be put up in C.P.C	30-01-2016	15-02-2016	29-02-2016
7.	SDR Cognitive Radio	18.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
8.	Thermal processing equipment	19.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
9.	RF microwave test and measurement system	22.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
10.	Environmental Biotech Lab	12.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
11.	Power Back up	9.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
12.	Dynamic Mechanical Analyser	22.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
13.	FTIR	15.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
14.	Wireless communication software	9.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
15.	Furniture Lab/Library	20.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
16.	Bioinformatics Lab Equipment	15.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
17.	Computerised UTM	9.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016




18.	Vicker Hardness Tester	3.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
19.	Tissue Culture Lab	10.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
20.	Muffle Furnace	1.5	NS	Bid invitation	30-01-2016	15-02-2016	29-02-201630-02-2016
21.	Teaching aids for smart class rooms	10.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
22.	Books	20.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
23.	Ultralow temp freezer (-80 <sup>o</sup> C)	10.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
24.	CNC Trainer Lathe	9.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
25.	Metallography lab	2.5	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
26.	Pin-on disk tribometer	5.0	NS	Bid invitation	30-01-2016	15-02-2016	29-02-2016
<b>Total expected cost (Rs. Lakh)</b>		<b>372.45</b>					

The Council ratified different soft component activities completed as mentioned below by the College under the project and approved different soft component activities that have been planned till March 2016 and the activities that have been planned to be organized in the College campus in different sub heads of the soft component.

**R&D:**

**Activities Completed:** Research projects-20 (Major projects are from Biotech & MED), Conference-01 (Technological revolution in Electrical Engg.)

Referred journal publications-10

Patents-02 (01 india & 01 in USA)

Total expenditure involved: Rs. 15.98 lakh

**Action Plan till 31.03. 2016:**

Activity	Nos planned	Name of activity	Planned date of activity	Estimated Expenditure (Rs. Lakh)
Research projects for UG and PG students	10	Project work of UG, PG & Phd students of biotech and production engg.	continuous	1.5

Conference(s) planned on R&D TOPICS/THEMES	01	2 <sup>nd</sup> National Conference on Technological Revolution in Electrical Engg	25-26 March 2016	3.5
Publications in referred Journals	10	By all Dept. Faculty members	Continuous	2.5
Patenting of research products	01	-	-	-
STC on R&D Topics	01	Image Processing using soft computing by CSED	1-05 <sup>th</sup> March 2016	2.5
Expert lecture on R&D Topic	14	At least two expert lectures by eminent academicians to be organized by each dept	Continuous	2.8

#### Faculty & Staff Development (FSD):

##### Activities Completed:

Subject domain Trainings: 55

Pedagogical training: 42

STCs organized -7 Conferences organized: 3

Papers presented in conferences in India-30,

NBA accreditation training -14 faculties

Total expenditure involved: Rs. 68.32 lakh

The name of the courses/conferences/ activities organized by the college are as follows:

Sl. No.	Name of the Program	Organized by Department	Duration	No. of participants
1	National Conference on Recent Advances in Mechanical Engineering (NCRAME'13)	Mechanical	28-29 June 2013	40
2	Short term training programme on Information Technology and its impact on Society (ITIS'13)	Comp. Sc. & Engg.	26-30 <sup>th</sup> Aug. 2013	45
3	Short term training programme on Eco Technology for sustainable development	Biotechnology, Civil Engg. & ASHD	10-14 <sup>th</sup> Oct. 2013	95

4	Short term training program on "Academic Excellence in Engineering Education" by ESCI	College /ESCI	05-06 <sup>th</sup> May 2014	45
5	National conference on Technological revolution in Electrical Engineering (TREE'14)	Electrical Engg.	05-06 May 2014	48
6	Short term Course on Pedagogy for Engineering Faculties by ESCI Hyderabad	College TEQIP Cell/ESCI	4-8 Aug. 2014	40
7	STC on Smart grid Technology	EED	22-26 Sept. 2014	42
8	2 <sup>nd</sup> National conference on Recent Advances in Mechanical Engineering (NCRAME'14)	Mechanical	26-27 Sept. 2014	60
9	Workshop on PLC (EE), Embedded Wireless (CSE) and Mechanical Measurements(ME)	3rd Year EE, CSE & ME students	21-23 <sup>rd</sup> Feb. 2015	180 (3rd Year EE, CSE & ME students)
10	Workshop on "Nurturing Employability for Budding Engineers" by ESCI Hyderabad	College TEQIP Cell/ESCI	13-15 <sup>th</sup> March 2015	For all 3 <sup>rd</sup> Year B. Tech students
11	STC on Haddop and its applications	CSA	21-25 <sup>th</sup> April 2015	70
12	STC on Advanced Manufacturing Technology	MED	8-12 June 2015	25
13	STC on Smart grid Technology & its applications	EED	28 Oct. 2015-1st Nov. 2015	65

#### Industry Institute Interaction (I.I.I.):

**Activities Completed:** 07 nos. of short term courses for B. Tech students have been organized. (Biocon Banglare for Biotech students-01 course, ATC Chandigarh for ECE,EE,CSE & ME-05 courses, Aerotrics Bangalore for ME-01 course)

Expert lecture by Industry experts-10,

Summer Internship for 30 nos. 3<sup>rd</sup> Year students at ESCI Hyderabad.

Industry visit (THDC by all 3<sup>rd</sup> year CE & EE students)

Total expenditure involved: Rs. 22.21 lakh

#### Action Plan till 31.03. 2016:

ACTIVITY	NUMBERS PLAN	NAME OF ACTIVITY	PLAN DATES OF ACTIVITY	ESTIMATED EXPENDITURE
Name & no. of industry	05	BOS planned in the 1 <sup>st</sup> week of Feb.	5-2-2016	1.5

personnel planned for curriculum revision etc.		2016 for ME, ECE, CSE, CE & BT		
Name & no. of industry personnel planned for delivering expert lectures	10	Industry expert lectures in all the departments	As per the availability of experts	2.0
No. of campus interviews planned	06	Wipro, infosys, bajaj, honda, hcl & BSES	16 <sup>th</sup> Nov. 15 to March 2016	1.0
No. of Short Term training programme with industry planned	05	Details in the action plan	Details in the action plan	15.0
Industry visit of UG/PG Students Planned	05	Ashok Leyland, Chennai, Solar Observatory kadai Kannal, ISRO Thiruvananthapuram, Cochi Shipyard, Pyro Electric Corporation	30 Dec. 2015 – 15 <sup>th</sup> Jan. 2016	15.0

It was also suggested by the Council that in order to enhance I.I.I. activities help of industry expert of the Council may be taken.

**Capacity Development:**

**Activities Completed:**

13 faculty members and Principal attended training programmes at IIM Lucknow, Noida campus and at Indiana University, USA.

Management Capacity training: 20 faculty members

Total expenditure involved: Rs. 20.70 lakhs

**Action Plan till 31.03. 2016 (Contd.):**

ACTIVITY	NUMBERS PLAN	NAME OF ACTIVITY	PLAN DATES OF ACTIVITY	ESTIMATED EXPENDITURE
Management Development Training of Senior Officials & Faculty	06	Management Capacity training to senior faculty members in IIMs other than those who have already attended	As per actual date given by IIMs	1.5

**Institutional Academic reforms:**

**Activities Completed:** 5 eligible UG Programme (EE, ECE, ME, CE & CSE) were applied for NBA accreditations. Only CSE programme is accredited. A course curriculum has been revised for each dept.

Total expenditure involved: Rs. 11.35 lakh

**Action plan till 31.03. 2016( Contd.):**

ACTIVITY	NUMBERS PLAN	NAME OF ACTIVITY	PLAN DATES OF ACTIVITY	ESTIMATED EXPENDITURE
Participation of industry personnel/ academic expert in curriculum development/revision/restructuring planned.	05	BOS planned in the 1 <sup>st</sup> week of Feb. 2016 for ME, ECE, CSE, CE & BT	05-02-2016	1.5
Status of NBA accreditation	02 UG (PE, BT) 04 PG (PE, BT, CSE & DSP) are eligible	Application for 05 courses except B. Tech BT has been submitted for accreditation	15-02-2016	12.5



**Student Support:****Activities Completed:** Remedial classes lectures-10

Expert lectures organized-34

STC on enhancing employability of students by ESCI Hyderabad (For 360 students)

Total expenditure involved: Rs. 18.65 lakh

**Action plan till 31.03. 2016(Contd.):**

ACTIVITY	NUMBERS PLAN	NAME OF ACTIVITY	PLAN DATES OF ACTIVITY	ESTIMATED EXPENDITURE
Expert Lectures planned	14	02 expert lectures by each department in subject domain for U.G. final year students	Actual date based in the availability of experts	2.0
Remedial classes planned	20	For 1 <sup>st</sup> year students as required after the declaration of 1 <sup>st</sup> semester results	Nov 2015- March 2016	1.0
Training Programs planned for nurturing employability skills	01			5.0

The Council discussed and approved the action Plan for the Soft Component Activities(R&D/FSD/I.I.I.) to be organized by the College till the completion of the project :

Sl. No	Department	Head of Soft Component	Name of the activity	Date of Activity	Approximate Expenditure to be made (Rs. Lakh)
1	EED	R&D	2 <sup>nd</sup> STC on Smart Grid Technology & its applications	28 <sup>th</sup> Oct. – 1 <sup>st</sup> Nov. 2015 (Completed)	2.50
2	EED	FSD	2 <sup>nd</sup> National conference on Technological	25-26 <sup>th</sup> April 2016	2.75

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			revolution in Electrical Engg.		
3	EED	R&D	IEEE international conference in collaborating with CSED	26-28 <sup>th</sup> May 2016	7.0
4	CSED	FSD	Workshop on Computer Networks	completed	1.0
5	CSED	R&D	STC on Image Processing using Soft computing	1-5 <sup>th</sup> March. 2016	2.5
6	CSED	R&D	IEEE international conference in collaborating with EED	26-28 <sup>th</sup> May 2016	7.0
7	BTD	I.I.I.	One week Workshop on Tools & Techniques on Bioinformatics	1 <sup>st</sup> week of March 2016	3.0
8	CSAD	I.I.I.	STC on Advanced Java & its applications	completed	4.0
9	CSAD	I.I.I.	STC on Complete application development on Android	21 <sup>st</sup> Feb 2016 – 04 <sup>th</sup> March 2016	6.0
10	CSAD	FSD	Workshop on preparing projects proposal for Engg. Colleges	16-17 <sup>th</sup> Jan. 2016	2.0
11	ECED	I.I.I.	Hands-on Training-cum- workshop on Embedded Systems and Advance Wireless Communication systems	22-23 Nov. 2015 <b>(Completed)</b>	1.0
12	ECED	I.I.I.	Hands-on Training-cum- workshop on VLSI design systems and circuit design using Modern Tools and Advance wireless communication systems	10-11 April 2016	1.0
13.	ECED	FSD	STC on Advance wireless communications, Antenna Design &	20-25 June 2016	5.0

			Solid State Devices		
14	ECED	R&D	IEEE/Elsevier International conference on Recent Trends in Electronics & Communication Engg.	10-12 Sept. 2016	5.0
15	ASHD/CE	Student Support	Excellence in effective Technical communication in 21 <sup>st</sup> Century	02-06 May 2016	1.5
16	Expert Lectures on R&D Topics	R&D	At least 05 expert lectures to be conducted by each department before Oct. 2016. (Total 35 lectures)	From Oct. 2015 to Oct. 2016	7.0
17	Industry visit by different deptt. Students (160 students)	I.I.I.	Ashok Leyland, Chennai, Solar Observatory kadai Kannal, ISRO Thiruvananthapuram, Cochi Shipyard, Pyro Electric Corporation	From 28 <sup>th</sup> Dec. 2015 to 09 <sup>th</sup> Jan. 2016	15.0 lakhs

FSD: 04 activities: Estimated expenditure: 10.75 lakh

R&D: 06 activities: Estimated expenditure: 31lakh

I.I.I: 06 activities: Estimated expenditure: 30.0 lakh

Student Support: Estimated expenditure: 01 activities: 7.0 lakh

Total estimated expenditure on soft component activities: 78.75 lakh

(II) Assistantship for 63 M. Tech and 26 Ph.D. Candidates till Oct. 2016 = Rs. 108.03 lakh

(III) Reforms: For applying NBA accreditation of 2 UG (Biotech. & Production) and 04 PG programs (DSP, Biotech, CSE & PE) := Rs. 15.0 lakh

(V) Capacity development: = Rs. 5.0 lakh

Total allocated money to be spent on soft component activities = (I+II+III+IV+V) = Rs.206.78 lakh

#### 2.04. TEQIP-II Assistantship for M. Tech & Ph.D. Students:

The Council discussed the proposal and decided to approve the payment of Assistantship @ Rs. 10,000 P.M. for Non-GATE M. Tech. and @ Rs. 20,000 P.M. for Ph.D. students w.e.f. Jan. 2016.

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**2.05. Revision of Institutional development Proposal (IDP) and Institute Good Governance Development Plan:**

The Council discussed the proposal and approved the revised IDP. However the Chairman advised to prepare the Institute Good Governance Development Plan after taking necessary feedback from experts and complete the task within two months. It is also desired by NPIU.

**2.06 Honorarium for the Nodal Officers:**

The Council discussed and deferred the proposal.

**2.07. Hiring one staff under semi-skilled category:**

The Council discussed the proposal and approved the same, however the Council advised preferably to engaged a retired person in view of his/her experience and no liability for permanency.

**2-08. Sponsoring the Ph.D. students to attend STCs and Workshops:**

The Council discussed and approved the proposal for sponsoring the research scholars to attend the short term courses in their respective research area organized by reputed institutes like IITs/IISC and the premier R&D organizations. The registration fee/ Travelling and boarding expenses can be paid under R&D and IOC component respectively.

**2.09. Upgrading the AGP of Faculty Members under CAS:**


The Council discussed the matter and agreed the same in principle as per AICTE/UGC norms. However it was advised that a detailed proposal may be sent to the state Govt. for necessary approval.

**2.10 Discussion and decision on any other point with the approval of chairman.**

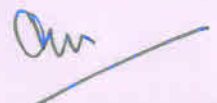
(A) The Chairman appraised the Council that the present Principal who has tenure upto 4<sup>th</sup> May 2016, has been called back by his parent organization with immediate effect. The Council discussed the issue and resolved that since this phase is very critical for successful completion of World Bank aided TEQIP-II project as the complete procurement is to be completed by 31<sup>st</sup> March 2016, a request letter by State Govt. may be sent to the parent organization to let the Principal continue till completion of his tenure or atleast till 31<sup>st</sup> March 2016.

(B) The Principal Secretary Technical Education suggested that the process may be initiated to include Vice Chancellor Uttarakhand Technical University (U.T.U) or his nominee as a member of the Governing Council.

(c) The Council decided that the next meeting of G.C should be held in the 1<sup>st</sup> week of April, 2016 in the institute campus itself.


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(D) The Industry expert member of the Council suggested that the future agenda items of GC meeting must reflect the degree of improvements achieved in various parameters due to activities/procurements undertaken in the project.

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

  
(Prof. A. K. Swami)  
Member - Secretary

  
(Dr. Pankaj Kumar Pandey)  
Director, TE

  
(Sri. Om Prakash)  
Principal Secretary, TE

  
(Prof. B. S. Bisht)  
Chairman