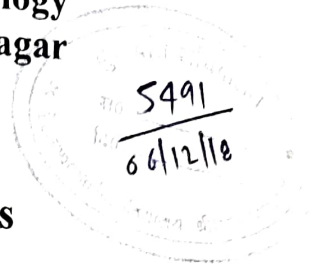




Department of Computer Science & Engineering
School of Engineering and Technology
H. N. B. Garhwal University, Srinagar



General Meeting of Board of Studies

VENUE : Department of Computer Science & Engineering, Chauras
Campus, H.N.B. Garhwal University, Srinagar.

DATE : 03rd October, 2018

TIME : 11:00 A.M.

AGENDA

Minutes of the Meeting of the Board of Studies

Meeting of the Board of Studies of Department of Computer Science & Engineering was held on 03.10.2018 at 11.00 A.M. in the office of Head, Department of Computer Science & Engineering, HNB Garhwal University, Srinagar (Garhwal).

The meeting was attended by the following:-

- | | |
|--|------------------------------------|
| 1. Prof. M.M.S. Rauthan
Head, Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Chairman |
| 2. Prof. D S. Negi, Head
Department of Mathematics,
HNB Garhwal University, Srinagar | Cognate Member |
| 3. Prof. S.C.Bhatt,
Department of Physics,
HNB Garhwal University, Srinagar | Cognate Member |
| 4. Dr. Y.P.Raiwani
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member |
| 5. Dr. M.P. Thapliyal
Associate Professor
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member
(Special Invitee) |
| 6. Dr. Narender Kumar
Assistant Professor
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member
(Special Invitee) |

The following members could not attend the meeting:-

- | | |
|---|---------------|
| 1. Prof. V.K. Sharma
Department of Computer Science
Gurukul Kangri University, Haridwar | Expert |
|---|---------------|

The Chairman welcome all the members of the Committee and items of the agenda were discussed one by one, by the committee

Approval of modified syllabi of B.Tech (CSE), M.Tech (CSE) and Pre- Ph.D. Courses.

Item no. 2: *Approval of changes in evaluation schemes of final semesters of MCA, BCA, B.Sc. (IT), M.Sc. (IT), B.Sc. (CS) and M.Sc. (CS) as per university norms.*

Resolution: All the members of the Committee were agreed for the changes made in the evaluation schemes of final semester of MCA, BCA, B.Sc. (IT), M.Sc. (IT), B.Sc.(CS) and M.Sc.(CS) as per following tables:

Subject Code	Subject	Instructional Hrs/Week			Marks			Credit
		L	T	P	ESA	CA	Sub Total	
Practical								
SET/CSE/MCA/PR61	Thesis/Project Work	-	3	18	60	40	100	15
Elective IX								
SET/CSE/MCA/E601	Seminar	-	-	-	60	40	100	3
SET/CSE/MCA/E602	Group Discussion							
Total		-	3	18	120	80	200	18

Sub. Total : Subject Total

S. No.	Course No.	Subject	Evaluation – Scheme								Credit
			Period			Sessional			Examination		
			L	T	P	TA	CT	TOT	ESE	Sub. Total	
Theory											
1.	SET/CSE/BCA/DSE4	DSE4A	4	1	-	10	20	30	70	100	5
2.	SET/CSE/BCA/DSE4	DSE5A	4	1	-	10	20	30	70	100	5
3.	SET/CSE/BCA/SEC4	SEC 4A	2	-	-	10	20	30	70	100	2
Practical											
1.	SET/CSE/BCA/EP61	DSE4A Lab	-	-	3	30	-	30	70	100	2
2.	SET/CSE/BCA/EP62	Project	2	2	6	30	-	30	70	100	6
Total			12	4	9	90	60	150	350	500	20

S.No	Course No.	Subject	Evaluation – Scheme								Credit
			Period			Sessional			Examination		
			L	T	P	TA	CT	TOT	ESE	Sub. Total	
Theory											
1.	SET/CSE/BIT/DSE4	DSE4A	4	1	-	10	20	30	70	100	5
2.	SET/CSE/BIT/DSE5	DSE5A	4	1	-	10	20	30	70	100	5
3.	SET/CSE/BIT/SEC4	SEC4A	2	-	-	10	20	30	70	100	2
Practical / Tutorial											
1.	SET/CSE/BIT/CP61	DSE4A Lab	-	-	3	30	-	30	70	100	2
2.	SET/CSE/BIT/CP62	Project	2	2	6	30	-	30	70	100	6
		Total	12	4	9	90	60	150	350	500	20
Total Credits			120								

M.Sc. (IT) IV Semester

S.No	Course No.	Subject	Evaluation – Scheme								Credit
			Period			Sessional			Examination		
			L	T	P	TA	CT	TOT	ESE	Sub. Total	
Theory											
1.	SET/CSE/MIT/E3										
2.	SET/CSE/MIT/E4	Elective III	3	-	-	10	30	40	60	100	
		Elective IV	3	-	-	10	30	40	60	100	3
Practical											
1.	SET/CSE/MIT/EP41	Elective III	-	-	3	10	30	40	60	100	3
2.	SET/CSE/MIT/PR41	Project	-	2	12	10	30	40	60	100	2
		Total	6	2	15	40	120	160	240	400	10
1.	SET/CSE/MIT/SS41	Self-Study	2	1	-	-	-	-	-	-	18
											3

B.Sc. (CS) VI Semester

S.No	Course No.	Subject	Evaluation – Scheme								Credit
			Period			Sessional			Examination		
			L	T	P	TA	CT	TOT	ESE	Sub. Total	
Theory											
1.	SET/CSE/BCS/DSE4	DSE4A	4	1	-	10	20	30	70	100	5
2.	SET/CSE/BCS/DSE5	DSE5A	4	1	-	10	20	30	70	100	5
3.	SET/CSE/BCS/SEC4	SEC4A	2	-	-	10	20	30	70	100	5
Practical / Tutorial											
1.	SET/CSE/BCS/CP61	DSE4A Lab	-	-	3	30	-	30	70	100	2
2.	SET/CSE/BCS/CP62	Project	2	2	6	30	-	30	70	100	2
		Total	12	4	9	90	60	150	350	500	20

M.Sc. (CS) IV Semester

S. No	Course No.	Subject	Evaluation – Scheme								Credit
			Period			Sessional			Examination		
			L	T	P	TA	CT	TOT	ESE	Sub. Total	
Theory											
1.	SET/CSE/MCS/E3	Elective III	3	-	-	10	30	40	60	100	3
2.	SET/CSE/MCS/E4	Elective IV	3	-	-	10	30	40	60	100	
Practical											
1.	SET/CSE/MCS/EP41	Elective III	-	-	3	40	-	40	60	100	2
2.	SET/CSE/MCS/PR41	Project	-	2	12	40	-	40	60	100	
		Total	6	2	15	100	60	160	240	400	10
1.	SET/CSE/MCS/SS41	Self-Study	2	1	-	-	-	-	-	-	18
Item no. 3: 4											3

Item no. 3: Approval of allotment of Supervisors for Research Scholar

Resolution: The research scholar of computer science and application session 2017-18 has qualified Pre-Ph.D. Examination. The Allotment of supervisors for Ph.D. program for them was done as per the following table:

S.No.	Name of the Research Scholar	Name of Supervisor
1.	Mr. Varun Barthwal	Prof. M. M. S. Rauthan
2.	Mr. Shailesh Singh Panwar	Dr. Y.P. Raiwani
3.	Ms. Khushbu Verma	Dr. Narendra Kumar Rawal

(Handwritten signatures and initials)

Item No. 4: *Discussion on leave application of Ms. Neelam Panwar (Research Scholar, Enrollment no. G151901, Registration no. ECS -16187, Registration Date 09.07.2015).*

Resolution: Ms. Neelam Panwar has completed minimum required period of 24 months in the campus after Pre-Ph.D. course. She is eligible to carry her research work off campus according to Ph.D. ordinance 2012 clause 9(A). So all the members of the Committee were agreed to accept her request for leave in anticipation of the approval of Hon'ble Vice- Chancellor.


Item No. 5: *Approval for Admission to MCA IInd year (Lateral Entry) against vacancies of first year from academic session 2019-20.*


Resolution: As per AICTE F.NO. AICTE/AB/NR/MCA-L.E./2016 dated 14.10.2016, all the members of the committee are agreed for MCA second year Lateral Entry with following conditions

"Provided that Students who have completed Bachelor's Degree of minimum 03 years duration in BCA, B.Sc. (Information Technology) B.Sc. (Computer Science) with Mathematics as a course at 10+2 level or at Graduate level shall be eligible for admission to second year MCA courses up to a maximum of 20% of sanctioned intake (30% for Institutions in Andaman, Nicobar, Lakshadweep, Daman and Diu) plus unfilled vacancies of 1st year which shall be over and above, supernumerary of the sanctioned intake."


Item No. 6: *Approval of entrance test syllabi of MCA 2 year (Lateral Entry) and 3 year - Programme, M.Tech and Ph.D. Entrance examination.*


Resolution: All the members of the Committee discussed the syllabi and approved the syllabi. of entrance test.


(Prof. M.M.S. Rauthan)
Chairman


(Prof. D.S. Negi)
Cognate Member


(Prof. S. C. Bhatt)
Cognate Member


(Dr. Y. P. Raiwani)
Member


(Dr. M. P. Thapliyal)
Member


(Dr. Narender Kumar)
Member

Hon'ble VC

may kindly approve the minutes of the BOS meeting.

Approved
17.12.2016
H.M. S. R.

For approval of
minutes.
6/12



Department of Computer Science & Engineering
School of Engineering and Technology
H. N. B. Garhwal University, Srinagar

General Meeting of Board of Studies

VENUE : Department of Computer Science & Engineering, Chauras Campus, H.N.B. Garhwal University, Srinagar/Zoom App.
DATE : 04th July, 2020
TIME : 11:00 A.M.

AGENDA

Minutes of the Meeting of the Board of Studies

Meeting of the Board of Studies of Department of Computer Science & Engineering was held through ZOOM app with meeting ID 71255823405 on 04.07.2020 at 04.00 P.M. onwards.

The online BOS meeting was attended by the following:

- | | |
|--|-----------------------|
| 1. Prof. M.M.S. Rauthan
Head, Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Chairman |
| 2. Prof. Durgesh Pant, School of Computer Sciences &
Information Technology, Uttarakhand Open University | Expert |
| 3. Prof. R. K. Sharma, Dept. of Computer Science &
Engineering, Thapar Institute of Engineering
& Technology (Deemed to be University) | Expert |
| 4. Prof. N. S. Panwar, Department of USIC
HNB Garhwal University, Srinagar | Cognate Member |
| 5. Prof. R. C. Dimri, Department of Mathematics,
HNB Garhwal University, | Cognate Member |
| 6. Prof. Y. P. Raiwani, Department of Computer Science
& Engineering, HNB Garhwal University, Srinagar | Dean, SOET |
| 7. Prof. M.P. Thapliyal, Department of Computer Science
& Engineering HNB Garhwal University, Srinagar | Member |
| 8. Dr. Narender Kumar, Assistant Professor
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member |

The Chairman welcomes all the members of the Committee and items of the agenda were discussed one by one, by the committee.

Item no. 1 : Confirmation of minutes of the BOS held on 04/03/2020.

Resolution : It was resolved to confirm the minutes of the BOS held on 04/03/2020.

✓ **Item no. 2 :** AICTE has approved the duration of MCA programme for 2 years from the session 2020-21 onwards (as per F. No. AICTE/AB/MCA/20-21 dated 03.07.2020 and approval of UGC meeting 545 held on 19.12.2019). It is proposed to consider the implementation of this decision in the MCA course run by Department of Computer Science and Engineering from the session 2020-21.

Resolution : All committee members were agreed to approve the 2 years MCA program as proposed. Moreover, it is decided by the committee that it will be implemented from the session 2020-21 onwards.

✓ **Item no. 3 :** Approval of syllabus of 2 year full time MCA programme.

Resolution : All committee members were agreed with content of the attached syllabus (Annexure-I) and approved the syllabi. However the Chairmen of the BOS has been authorized for minor modification as suggested by expert.

✓ **Item no. 4 :** Approval of the syllabus of Bridge Course only for the students passed B.Sc./ B.Com. / B.A. with Mathematics at 10+2 level or at Graduation Level and taking admission in 2 year fulltime MCA course.

Resolution : All committee members were agreed with content of the attached syllabus (Annexure-II) and approved the syllabi.

✓ **Item no. 5 :** Consideration of introducing online MOOC courses from SWAYAM/NPTEL.

Resolution : The committee members were agreed to introduce following MOOC courses from SWAYAM/NPTEL.

- Programming, Data Structures and Algorithms using Python
- Data Science for Engineers
- Python for Data Science
- Data Analytics with Python
- Deep Learning for Computer Vision
- Introduction to Industry 4.0 and industrial Internet of Things
- Social Networks
- Privacy and Security in Online Social Media
- Introduction to Blockchain Technology and Applications
- Information Security - 5 - Secure Systems Engineering
- User-centric Computing for Human-Computer Interaction
- Applied Natural Language Processing

A student may opt only two subjects during the entire course subject to the condition that the subject is run by SWAYAM/NPTEL

Item no. 6 : Consideration on the application of Ms. Neelam Panwar, Research Scholar (registration no. ECS-16187), requesting for six month extension for submitting the Ph.D. thesis as she could not submit her thesis due to COVID-19 an subsequent lockdown .

Resolution : As per the agenda no. 7 and its resolution of Academic Council Meeting held on dated 20 May 2020 the BOS recommends that the extension of six month period may be granted to Ms. Neelam Panwar, Research Scholar (registration no. ECS -16187).


Attended through ZOOM App.


(Prof. R. K. Sharma)
Expert

(Prof. Durgesh Pant)
Expert

(Prof. N.S. Panwar)
Cognate Member

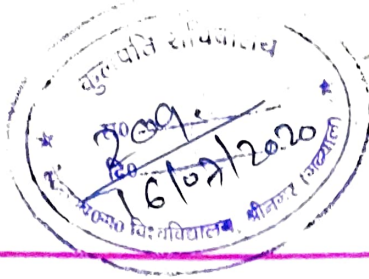
(Prof. R.C. Dimri)
Cognate Member


(Prof. Y. P. Raiwani)
Member


(Prof. M. P. Thapliyal)
Member


(Dr. Narender Kumar)
Member


(Prof. M.M.S. Rauthan)
Chairman



Date _____

~~सूचना~~

पाठ्यक्रम समिति की बैठक दिनांक 14-7-2020 के लिए जो सभी सदस्य वृ. 60001 से 01 तक B.O.S है संसुत होकर School Board में रखा जाना है

उक्त माननीय कुलपति जी के अनुमोदन

प्रति,

(16)
8/7/20

Sumit
8/7/20
Sd (Head)

DR (H),

Agenda items no. 2, 3, 4, & 5 needs approval of School Board.

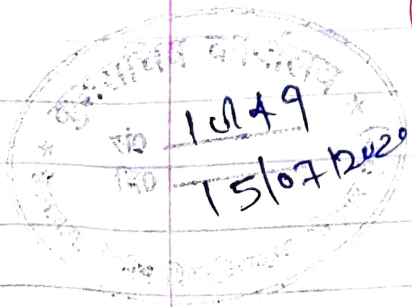
Minutes of B.O.S. are submitted for kind consideration and approval please.

Head
9/7/20

15.7.2020

Registrar
Hunble VC

Approved as
Proposed
Anand
17.7.2020



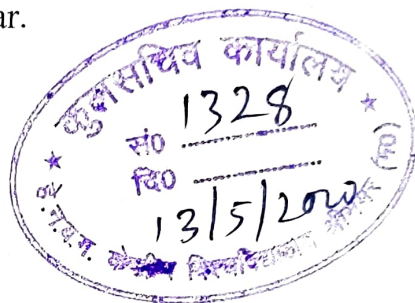


Department of Computer Science & Engineering
School of Engineering and Technology
H. N. B. Garhwal University, Srinagar

1924
13/05/2020

General Meeting of Board of Studies

VENUE : Department of Computer Science & Engineering, Chauras Campus,
H.N.B. Garhwal University, Srinagar.
DATE : 04th March, 2020
TIME : 11:00 A.M.



AGENDA

Minutes of the Meeting of the Board of Studies

Meeting of the Board of Studies of Department of Computer Science & Engineering was held on 04.03.2020 at 11.00 A.M. in the office of Head, Department of Computer Science & Engineering, HNB Garhwal University, Srinagar (Garhwal).

The meeting was attended by the following:-

- | | |
|---|-----------------------|
| 1 Prof. M.M.S. Rauthan
Head, Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Chairman |
| 2 Prof. R. K. Sharma, Dept. of Computer Science &
Engineering, Thapar Institute of Engineering
& Technology (Deemed to be University) | Expert |
| 3 Prof. N. S. Panwar, Department of USIC
HNB Garhwal University, Srinagar | Cognate Member |
| 4 Prof. Y.P.Raiwani, Department of Computer Science
& Engineering, HNB Garhwal University, Srinagar | Dean, SOET |
| 5 Prof. M.P. Thapliyal, Department of Computer Science
& Engineering HNB Garhwal University, Srinagar | Member |
| 6 Dr. Narender Kumar, Assistant Professor
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member |

Prof. Durgesh Pant (expert) and Prof. D.S. Negi (Cognate member) could not attend the meeting due to their prior assignments.

4-

Handwritten signatures and initials: YL, RK, H.P., and others.

The Chairman welcomed all the members of the Committee and items of the agenda were discussed one by one, by the committee.

Item no. 1: Confirmation of minutes of the BOS held on 11/09/2019 (Annexure -I).

Resolution: It was resolved to confirm the minutes of the BOS held on 11/09/2019.

Item no. 2: Approval of experts for forthcoming academic activities.

Resolution: The committee resolved that the chairman of the BOS is authorized to send the list of experts for selection/other academic activities.

Item no. 3: Approval of the six month progress report (Jul - Dec 2019) of Mr. Varun Barthwal, research scholar, Computer Science and Application (Registration no. ECS-17100) (Annexure -II).

Resolution: Mr. Varun Barthwal presented his work to the committee members. His progress of work is satisfactory. He has submitted one paper to an SCI journal. It is suggested that he should work for some more SCI journal publications.

Item no. 4: Approval of the six month progress report (Jul - Dec 2019) of Mr. Shailesh Singh Panwar, research scholar, Computer Science and Application (Registration no: ECS-17101) (Annexure -III).

Resolution: Mr. Shailesh Singh Panwar presented his work to the committee members. He is working on an ML problem. His progress of work is also satisfactory. It is suggested that he may include deep learning approach in his work.

Item no. 5: Approval of the six month progress report (Jul - Dec 2019) of Ms. Khushbu Verma, research scholar, Computer Science and Application (Registration no: ECS-17102) (Annexure -IV).

Resolution: Ms. Khushbu Verma presented her work to committee members. It is suggested that Ms. Khushbu should focus more on her work. It is also suggested that she publishes her work in a reputed journal.

Item no. 6: Constitution of the Departmental Academic Integrity Panel (DAIP) as per UGC letter D.O. No. F.1-18/2010 (CPP-II) dated 06/08/2018 (Annexure -V).

Resolution: Following Departmental Academic Integrity Panel (DAIP) has been constituted by the committee.

1. Head, Dept of CSE

2. Prof. N. S. Panwar, Senior academician outside the department

(Nominated by Hon'ble Vice-Chancellor)

3. Prof. Y. P. Raiwani

Chairman

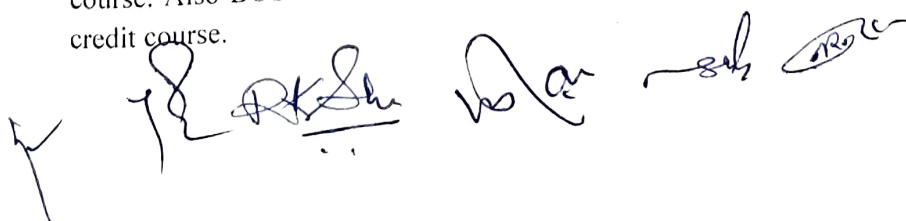
Member

Member

(Nominated by Head of Department)

Item no. 7: Inclusion of subject "Research and Publication Ethics (RPE)" as two credit compulsory paper in the Pre-PhD course as per UGC letter D.O. No. F.1-1/2018 (Journal/CARE) (Annexure -V).

Resolution: As per the decision of convener, Ordinance committee, two credit course in "Research and Publication Ethics (RPE)" has been included as part 'A' of core course. Also BOS has decided to include "Technical Writing using Latex" as one credit course.



Item no. 8: Approval of syllabus of the subject Research and Publication Ethics (RPE) as per UGC letter D.O. No. F.1-1/2018 (Journal/CARE).

Resolution: All the committee members have approved the syllabus (Annexure-VI) "Research and Publication Ethics (RPE)".

Item no. 9: To introduce one online MOOC course from SWAYAM portal.

Resolution: All the committee members approved online MOOC course on following areas:

- Problem solving Aspects and Python Programming
- Animations
- Data Science for Engineers
- Deep Learning
- Google cloud computing foundation course
- Introduction to Internet of Things

Item no. 10: To offer specialization in existing M.Tech (CSE) core and Information security (Annexure-VII).

Resolution: All the committee members have approved specialization in the following subjects
(i) M.Tech (CSE) core
(ii) M.Tech (CSE) Information security in previously approved seats.

Item no. 11: Interview of qualified candidates of Ph.D. entrance examination (2019) and exempted category candidates in Computer Science and Applications.

Resolution: In all thirteen candidates (Seven qualified candidates of Ph.D. entrance examination 2019 and Six are from exempted category) selected for the interview for selection in Pre-Ph.D. Course in Computer Science and Applications for session 2019-20. Number of candidates who have attended the interview was Five (Four qualified candidates of Ph.D. entrance examination 2019 and one is from exempted category). The BOS unanimously selected the following candidates in order of merit in their respective categories.

General category

1. Mr. Suraj Singh Panwar
2. Mrs. Shail Ratna Bhatt

SC Category


1. Mr. Kuldeep Singh


OBC Category


1. None found suitable

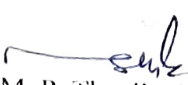
EWS Category


1. No Candidate appeared in this category



(Prof. R. K. Sharma)
Expert


(Prof. Y. P. Raiwani)
Member


(Prof. M. M. S. Rautan)
Chairman


(Prof. M. P. Thapliyal)
Member

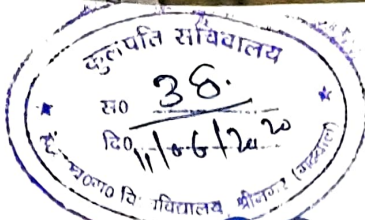

(Prof. N. S. Panwar)
Cognate Member


(Dr. Narender Kumar)
Member

Honble VC

May kindly approve the minutes.





(24)-

Date _____

~~पाठ्यक्रम समिति कम्प्यूटर साइल (बुक) 2-3/0~~
~~की वेबक डिग्री 4-3-2020 में किराये निर्धारण में~~
~~मद सं 01 से मद सं 09 एवं मद सं 11 B01~~
~~में निरस्त है। मद सं 10 स्कूल बोर्ड के रखा~~
~~जाना है।~~

~~अतः जसवीर कुलपति जी के अनुमोदनार्थ~~
~~प्रेषित।~~

~~11/6/20~~

~~Sumi~~
~~11/6/2020~~
~~SO (Acad)~~

~~DR(A)~~

Agenda item no. 6 to 10 needs approval
of School Board.

BO's minutes are submitted for
kind consideration and approval
please.

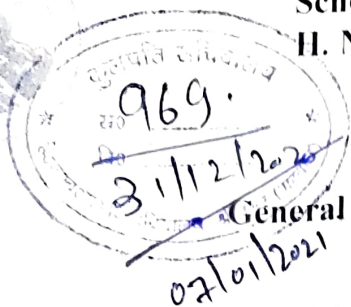
~~Heidi~~
~~6/6/20~~

~~Registrar~~ ~~10.06.2020~~

~~Hoile rc~~

~~Dugun~~
~~12.6.2020~~

Department of Computer Science & Engineering
School of Engineering and Technology
H. N. B. Garhwal University, Srinagar



General Meeting of Board of Studies

VENUE : Department of Computer Science & Engineering, Chauras Campus, H.N.B. Garhwal University, Srinagar/Zoom App.
DATE : 28th December, 2020
TIME : 11:00 A.M.

AGENDA

Minutes of the Meeting of the Board of Studies

Meeting of the Board of Studies of Department of Computer Science & Engineering was held through ZOOM app with **meeting ID 882 4004 8773** on **28.12.2020 at 11.00 A.M.**

The online BOS meeting was attended by the following:

- | | |
|---|-----------------------|
| 1. Prof. M.M.S. Rauthan
Head, Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Chairman |
| 2. Prof. H. S. Dharmi, Ex Vice- Chancellor Kumon University,
and Ex Vice-Chancellor, Uttarakhand Residential School of
Computer Sciences & Information Technology, Uttarakhand
Open University | Expert |
| 3. Prof. K. S. Vaishla, Dept. of Computer Science &
Engineering, Bipin Tripathi Kumon Institute of Technology,
Dwarahat. | Expert |
| 4. Prof. R. C. Dimri, Department of Mathematics,
HNB Garhwal University, | Cognate Member |
| 5. Prof. Y. P. Raiwani, Department of Computer Science
& Engineering, HNB Garhwal University, Srinagar | Member |
| 6. Prof. M.P. Thapliyal, Department of Computer Science
& Engineering HNB Garhwal University, Srinagar | Member |
| 7. Dr. Narender Kumar, Assistant Professor
Department of Computer Science & Engineering
HNB Garhwal University, Srinagar | Member |

Prof. N. S. Panwar (Cognate Member) could not attend the meeting

The Chairman welcome all the members of the Committee and items of the agenda were discussed one by one by the committee.

Item no 1: Confirmation of minutes of the BOS held on 03/11/2020.

Resolution: Minutes of BOS meeting held on 03/11/2020 were confirmed.

Item no 2: Compliance of the agenda item 27 of academic council meeting held on 10th October 2020 for approval of thirty (30) experts.

Resolution: As per the resolution passed in agenda item no 27 in AC meeting held on 10th October, 2020 out of 30 experts, names of at least 10 experts should be from well established university/educational institution of pan India (other than Uttarakhand state) and 10 experts from well – established University/educational institution of other countries.

The members discussed the agenda item in details and arrived at a conclusion that the members of BOS will submit the list of experts which will be finalized by convener of the BOS and Dean SOET after removing the duplicate names and including the rest of names if necessary. Based on this list of thirty subject experts for Ph.D. thesis evaluation has been finalized and sent to the Dean SOET, with a request to approve it in the next School Board meeting.

Item no 3: The annual/sixth month progress report of research scholar of the department.

Resolution: All the committee members were satisfied with the annual progress reports of Ms. Neelam Panwar, research scholar (registration no. ECS-16187) for 2017-18 & 2019-20 and approved the annual progress reports submitted by Ms. Neelam Panwar.

Item no 3: Approval of allotment of supervisors for research scholars of the batch 2018-19.

Resolution: The research scholars of Computer Science and Application for the session 2018-19 have qualified their Pre-Ph.D. examination. The allotment of supervisors for Ph.D. program for them was done as follows:

S. No.	Name of the Research Scholar	Name of Supervisor
1.	Ms. Rajeshwari Sissodia	Prof. M. M. S. Rauthan
2.	Ms. Kanchan Naithani	Prof. Y. P. Raiwani

Item no 4 Minor changes in the syllabus of (B.Tech, Computer Science and Engineering) to cope up with the industrial requirements.

Resolution: All the committee members approved the syllabus B.Tech after minor modification and the suggestions of the experts have been included. The revised syllabus is enclosed as an annexure.

Attended Through ZOOM

(Prof. H. S. Dhimi) Expert (Prof. K. S. Vaishla) Expert (Prof. N.S. Panwar) Cognate Member (Prof. R.C. Dimri) Cognate Member

Attended Through ZOOM

(Prof. Y. P. Raiwani) Member (Prof. M. P. Thapliyal) Member (Dr. Narender Kumar) Member (Prof. M.M.S. Rauthan) Chairman

Honble VC

May kindly approve the minutes of BOS meeting.

Pl. examine: 4/11/21
So(Academic)

Approved as proposed
Dr. Anand
8.1.2021

DR Academic
for comments
8.1.2021

78

पाठ्यक्रम समिति कमलपुर साइड 8th इलाका
की बैठक दिनांक 28-12-2020 में मद सं- 02
को देखकर मद सं- 01, 03 को B.O.S द्वारा
संस्तुत है तथा मद सं- 4 को स्कूल बोर्ड में
रहना जाना है।

अतः माननीय कुलपति महोदय जी के
अनुमोदनार्थ प्रस्तुत।

DR (Acad) Rishi
7-1-2021

Agenda item no. 2 & 4 needs approval of
School Board.

Agenda items no. 1 & 3 may be considered for
kind approval please.

Kash
4/1/21

Registrar Q.
28/12/21

मा० कुलपति:

Approved as proposed
Anand
7-1-2021

Proceedings of the BoS of the Electronics and Communication Engineering

(Meeting held on 05-04-2018)

As per university notification No.: Acad./2018/71, the Board of Studies (BoS) meeting was held in the office of the Head, Electronics and Communication Engineering Department at the Chauras campus of the university. Following members were present-

- | | |
|---|----------|
| 1. Prof. Y.Singh, ECE Dept., GBPIET, Pauri Garhwal | Member |
| 2. Dr. P.K.Pal, ECE Dept., NIT Srinagar Garhwal | Member |
| 3. Prof. S. C. Bhatt, Physics Dept., HNB Garhwal University | Member |
| 4. Prof. Y.S. Farswan, Dept. of History and Archaeology | Member |
| 5. Mr. A.S. Bahuguna, ECE Dept., HNB Garhwal University | Member |
| 6. Mr. Kuldeep Kumar, ECE Dept., HNB Garhwal University | Convener |

The following agenda were discussed, elaborated and worked out and resolved as stated.

Agenda item No. 1. To identify the Experts for the Selection Committee(s) for the Electronics and Communication Engineering Department.

Resolution: The identified experts for Selection Committee(s) for the recruitment of Electronics and Communication Engineering Department teachers are listed in **Enclosure-1 (Envelop-1)**.

Agenda item No. 2. To list the names of paper setters/ practical examiners for the examinations of the courses of the department.

Resolution: The names of the paper setters/ practical examiners for the examination of the courses of the department are as listed in **Enclosure-2 (Envelop-2)**.

[Handwritten signatures and initials]

**Proceedings of Meeting of Board of Studies of the Dept. of Electronics and
Communication Engineering held on 09-09-2019**

As per university notification No. *Academic/2019/975*, the Board of Studies (BoS) meeting was held in office of the Head, Dept. of Electronics and Communication Engineering at Chauras Campus. Following members were present:-

1. Prof. Y. Singh, Dept. of Electronics and Communication Engineering, GBPIET, Ghurdauri, Pauri Garhwal, Uttarakhand.
2. Prof. R. C. Dimri, Department of Mathematics, HNB Garhwal University, Srinagar (Garhwal).
3. Prof. D. S. Negi, Department of Mathematics, HNB Garhwal University, Srinagar (Garhwal).
4. Mr. Arun S. Bahuguna, Assistant Professor, Department of Electronics and Communication Engineering, HNBGU, Srinagar (Garhwal).
5. Y. P. Pundir, Head, Department of Electronics and Communication Engineering, HNBGU, Srinagar (Garhwal).

However, BoS Member Dr. Pankaj K. Pal (Electronics Engg. Dept., NIT Uttarakhand) could not attend the meeting. The following agenda was discussed, elaborately worked out and resolved as stated below.

Agenda Item No. 1. To decide and recommend Course objectives, Program Outcomes and Program Specific Outcomes for B. Tech. (ECE).

Resolution: The Course Objectives, Program Outcomes and Program Specific Outcomes for B. Tech. (ECE) are discussed and prepared as enclosed in enclosure-1.

Agenda Item No. 2. To identify and recommend experts for nomination in various committee(s) of Electronics and Communication Engineering.


Resolution: The experts for nomination to various committee(s) of Electronics and Communication Engineering are identified and listed in enclosure-2 (Envelop-1)


Agenda Item No. 3. To discuss the relevant suggestions on curriculum as obtained in feedback by students.

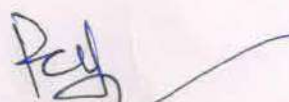
Resolution: Feedback received from students was discussed. It is decided that the curriculum does not need any modifications.

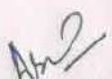
The meeting was concluded.

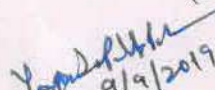
The item wise resolution is being recommended for the kind consideration and approval of the academics council.


(Prof. Y. Singh)


(Prof. D. S. Negi)


(Prof. R. C. Dimri)


(Mr. A. S. Bahuguna)


(Y. P. Pundir)

**Proceedings of Meeting of Board of Studies of the Dept. of Electronics and
Communication Engineering held on 26-02-2019**

As per university notification No. **ACAD/2019/357** , the Board of Studies (BoS) meeting was held in office of the Head, Dept. of Electronics and Communication Engineering at Chauras Campus. Following members were present:-

1. Prof. S.C.Bhatt, Department of Physics, HNB Garhwal University, Srinagar (Garhwal).
2. Prof. Y. S.Farswan, Department of History & Archaeology, HNB Garhwal University, Srinagar (Garhwal).
3. Mr. Kuldip Kumar, Assistant Professor, Department of Electronics and Communication Engineering, HNBGU, Srinagar (Garhwal):
4. Y. P. Pundir, Head, Department of Electronics and Communication Engineering, HNBGU, Srinagar (Garhwal).

However, BoS Members Prof. Y. Singh (ECE Dept. GBPEC, Ghurdauri, Pauri) and Dr. Pankaj K. Pal (Electronics Engg. Dept., NIT Uttarakhand) could not attend the meeting.


The following agenda was discussed, elaborately worked out and resolved as stated below.


Agenda Item No. 1. To update intake capacity and seat distribution for admission to first semester of B. Tech. in Electronics and Communication Engineering (ECE) course/ program after providing reservation for Economic Weaker Section (EWS) as per MHRD vide letter F. No. 19-3/2019-CU.Cdn dated 18-01-2019, and university letter no. , HNBGU/ DSW/2019 dated 04/02/2019.

Resolution: The total number of seats and the new seat distribution was calculated and updated as in Enclosure-1.

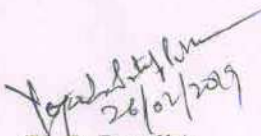
The meeting was concluded.

The item wise resolution is being recommended for the kind consideration and approval of the academics council.


(Prof. Y. S. Farswan)


(Prof. S. C. Bhatt)


(Mr. Kuldip Kumar)


(Y. P. Pundir)

Yogendra Pratap Pundir
Asstt Professor & HOD
Dept. of Electronics and
Communication Engineering

Proceedings of the BoS of the Instrumentation Engineering-USIC
(Meeting held on 05-04-2018)

As per university notification No.: Academic/2018/72, dated 02-04-2018, the Board of Studies (BoS) meeting was held in the office of the Head, **Instrumentation Engineering-USIC** at the Chauras campus of the university. Following members were present-

- | | |
|--|-----------|
| 1. Dr. M. K. Panda, Electrical Engg. Dept.,
G B Pant Institute of Engineering and Technology, Pauri | -Member |
| 2. Prof. S. C. Bhatt, Physics Dept., HNB Garhwal University | -Member |
| 3. Prof. M. M. S. Rauthan, CSE Dept., HNB Garhwal University | -Member |
| 4. Mr. Vishal Rohilla, Asst. Professor, Instrumentation Engg.-USIC | -Member |
| 5. Prof. N.S. Panwar, Head, Instrumentation Engg.-USIC | -Convener |

The following agenda were discussed, elaborated and worked out and resolved as stated.

Agenda item No. 1. Confirmation of the Minutes of the previous BoS meeting, held on 30-01-2016.

Resolution: Minutes of the BoS meeting, held on 30-01-2016 were confirmed.

Agenda item No. 2. Change of the name of the course at B. Tech. level from **Instrumentation Engineering** course to **Electrical and Instrumentation Engineering (EIE)**.

Resolution: To make the Instrumentation Engineering course more popular and attractive to the students seeking admission in the Engineering courses, it is decided that the name of the **Instrumentation Engineering** course at B. Tech. level be changed to **Electrical and Instrumentation Engineering (EIE)**. This new nomenclature is also consistent with the nomenclature(s) recognized by the AICTE. Syllabus of the **Electrical and Instrumentation Engineering (EIE)** course is designed accordingly.

Agenda item No. 3. To identify the **Experts for the Selection Committee(s)** for the Instrumentation Engineering (IE) Department- USIC.

Resolution: The identified experts for Selection Committee(s) for the recruitment of teachers in the Instrumentation Engineering (IE) Department and University Science Instrumentation Centre (USIC) are listed in **Enclosure-1 (Envelop-1)**.

Agenda item No. 4. To list the names of paper setters/ practical examiners for the examinations of the courses of the department.



Resolution: The names of the paper setters/ practical examiners for the examination of the courses of the department are as listed in **Enclosure-2 (Envelop-2)**.

Agenda item No. 5. To frame the Entrance Test syllabus for Lateral entry in B. Tech. Courses.

Resolution: The syllabi have been made according to the diploma, and B.Sc. (Maths, Physics) standard for Lateral entry in B. Tech. Courses. The syllabi are designed and enclosed as **Enclosure-3(i) and 3(ii)** respectively.

Agenda item No. 6. To design the syllabus for B. Tech. (Electrical and Instrumentation Engineering) course.

Resolution: Syllabus for B. Tech. (Electrical and Instrumentation Engineering) course was discussed deliberately and designed as **Enclosure-4**.

The meeting was concluded with vote of thanks to the convener.

The item wise resolutions are being recommended for the kind consideration and approval of the School Board/Academics Council.

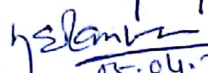

5.4.2018
Dr. M. K. Panda



Mr. Vishal Rohilla


Prof. S. C. Bhatt


Prof. M. M. S. Rauthan

Hon'ble Vice-chancellor
may kindly approve.


05.04.2018
except item No. 2
rest of the agenda &
the minutes approved
11.4.2018
Hon'ble


05-04-2018
Prof. N.S. Panwar
(Convener)

Agenda No. 2 may be
discussed. need deliberation.
All other agenda & resolution
may be approved.
14/4

P. T. D.

Joint Registrar (Acad.) / Hon'ble Vice-Chancellor.

The name of the department is not being changed. Only the name of the course at B.Tech. Level is being proposed to change, as per the resolution of the Agenda Item No. 2 of the BOS Proceedings (meeting held on 05-04-2018). So there will be no need to amend the name of the departments included in the School of Engineering and Technology (including the Instrumentation Engineering department). Hence, no further deliberations will be needed.

Submitted to accord your kind approval, please, of the Agenda Item No. 2 also.

Answer
11.04-2018
Convene BOS

Dear **DEAN**
School of Engineering and Technology
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174

We may consider to approve agenda-02.
The matter may be reported before school board & the

Hon'ble VC

Approved
Chandra
12.4.2018

12/4

Proceedings of the BoS of the Department of Instrumentation Engineering-USIC
(Meeting held on 10-07-2020)

As per university notification No.: Academic/2020/256, dated 10-07-2020, the Board of Studies (BoS) meeting was held online through ZOOM app. Following members attended the meeting:

1. Prof. V. M. Mishra, Head, Dept. of Electrical Engineering, GBPIET, Ghurdauri, Pauri Garhwal. -Member
2. Prof. S. C. Bhatt, Dept. of Physics, HNB Garhwal University. -Member
3. Prof. R. S. Rana, Dept. of Geology, HNB Garhwal University. -Member
4. Mr. Gambheer Singh Kathait, Asst. Professor, Dept. of Instrumentation Engg.-USIC, HNB Garhwal University. -Member
5. Prof. N. S. Panwar, Head, Dept. of Instrumentation Engg.-USIC, HNB Garhwal University. -Convener

Prof. M. K. Panda, State Project Administrator, State Project Implementation Unit, Shudhowala, Dehradun could not attend the meeting due to his pre occupied schedule.

The following agenda were discussed, elaborated and worked out and resolved as stated.

Agenda item No. 1. Confirmation of the Minutes of the previous BoS meeting held on 11-09-2019.

Resolution: Minutes of the BoS meeting, held on 11-09-2019 were confirmed.

✓ **Agenda item No. 2.** Constitution of the Departmental Academic Integrity Panel (DAIP) as per UGC letter D.O. No. F:1-18/2010/(CPP-II) dated 06/08/2018.

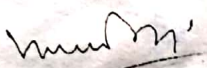
Resolution: Following Departmental Academic Integrity Panel (DAIP) has been suggested by the committee.


1. Head, Dept. of Instrumentation Engineering Chairman
2. One senior academician outside the department to be approved/ nominated by Hon'ble Vice-Chancellor
 - (i) Prof. M. M. S. Rauthan, Dept. of CSE Member
 - (ii) Prof. H. C. Nainwal, Dept. of Geology Member
3. One member well versed in anti- plagiarism tools nominated by Head of Department
 - (i) Prof. S.C. Bhatt, Dept. of Physics Member

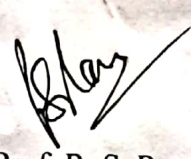
Agenda item No. 3. (i) Introduction of MOOC's from SWAYAM Platform in the upcoming semesters of syllabus running since 2018-19 onwards.

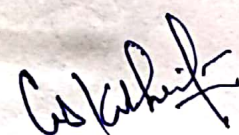
(ii) To design the syllabus in accordance with the AICTE/CBCS norms along with the courses running from the MOOC/SWAYAM platform, for B. Tech. (Electrical and Instrumentation Engineering) course for Batch 2020-21 onwards.

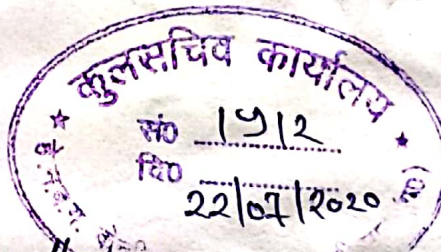
Resolution: Syllabi for B. Tech. (Electrical and Instrumentation Engineering) course with MOOC/SWAYAM Courses were discussed deliberately (Enclosures- 1 and 2).

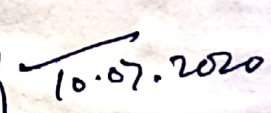

Prof. V. M. Mishra


Prof. S. C. Bhatt

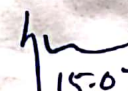

Prof. R. S. Rana


Mr. Gambheer Singh Kathait




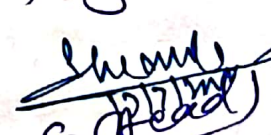

10.07.2020
Prof. N. S. Panwar
(Convener)

Hon'ble Vice-Chancellor
may kindly approve.


15.07.2020

गण्यक्रम समिति USC की बैठक 10.7.2020 में
सदस्यों द्वारा मिले गए निर्णयों में Agenda No. 03
School Board में रखा जायेगा। बोर्ड बिना संमति
के कार्यक्रम अनुमोदन हेतु प्रस्तुत किया है।
अतः माननीय कुलपति जी अनुमोदन
हेतु प्रेषित।


17/7/20


So (Head)

SR(A)

Agenda item no. 2 & 3 needs approval of School Board. Minutes of BOS are submitted for kind consideration and approval please.

Registrar

Hon'ble VC


28.7.2020

24.7.2020

17/7/20

Page 2 of 2

Proceedings of the BoS of the Department of Instrumentation Engineering-USIC
(Meeting held on 11-09-2019)

As per university notification No.: Academic/2019/974, dated 09-09-2019, the Board of Studies (BoS) meeting was held in the office of the Head, **Department of Instrumentation Engineering-USIC** at the Chauras campus of the university. Following members were present.

1. Prof. M. K. Panda, State Project Administrator,
State Project Implementation Unit, Shudhowala, Dehradun. -Member
2. Prof. S. C. Bhatt, Physics Dept., HNB Garhwal University. -Member
3. Mr. Gambheer Singh Kathait, Asst. Professor,
Dept. of Instrumentation Engg.-USIC, HNB Garhwal University. -Member
4. Prof. N. S. Panwar, Head, Dept. of Instrumentation Engg.-USIC,
HNB Garhwal University. -Convener

Prof. R. P. Maheshwari, Dept. of Electrical Engg., IIT Roorkee and Prof. R. S. Rana Dept. of Geology, HNBGU Srinagar Garhwal could not attend the meeting due to their pre occupied schedule.

The following agenda were discussed, elaborated and worked out and resolved as stated.

Agenda item No. 1. Confirmation of the Minutes of the previous BoS meeting held on 05-04-2018.

Resolution: Minutes of the BoS meeting, held on 05-04-2018 were confirmed.

Agenda item No. 2. Programme Outcome (POs) of B. Tech. programme in Electrical and Instrumentation Engineering (EIE).

Resolution: To make the B. Tech. Electrical and Instrumentation Engineering programme more popular as per the concept of outcome based education and attractive to the students seeking admission in the Engineering courses, it is decided that the Programme Outcome (POs) need to be added in the B. Tech. programme in **Electrical and Instrumentation Engineering (EIE)**. This new addition is also consistent with the guideline(s) recognized by the NBA, NAAC and AICTE. POs of the programme B. Tech. **Electrical and Instrumentation Engineering (EIE)** are designed accordingly (**Enclosure-1**).

Agenda item No. 3. Programme Specific Outcomes (PSOs) of B. Tech. programme in Electrical and Instrumentation Engineering (EIE).

Resolution: To make the B. Tech. Electrical and Instrumentation Engineering programme more popular as per the concept of outcome based education and attractive to

the students seeking admission in the Engineering courses, it is decided that the Programme Specific Outcome (PSOs) need to be added in the B. Tech. programme in **Electrical and Instrumentation Engineering (EIE)**. This new addition is also consistent with the guideline(s) recognized by the NBA, NAAC and AICTE. PSOs of the programme B. Tech. **Electrical and Instrumentation Engineering (EIE)** are designed accordingly (**Enclosure-2**).

Agenda item No. 4. Course Outcome (COs) of B. Tech. course in Electrical and Instrumentation Engineering (EIE).

Resolution: To understand the basic principles of Electrical and Instrumentation Engineering course as per the concept of outcome based education, its characteristics and its utility to different fields from student point of view, it is decided that the Course Outcome (COs) need to be added in the course **Electrical and Instrumentation Engineering (EIE)**. This new addition is also consistent with the guideline(s) recognized by the NBA, NAAC and AICTE. The COs of the course **Electrical and Instrumentation Engineering (EIE)** are designed accordingly (**Enclosure-3**).

Agenda item No. 5. To identify the Experts for the Selection Committee(s) for the Department of Instrumentation Engineering-USIC.

Resolution: The identified experts for Selection Committee(s) for the recruitment of teachers in the Instrumentation Engineering (IE) Department and University Science Instrumentation Centre (USIC) are listed in **Enclosure-4 (Envelop-1)**.

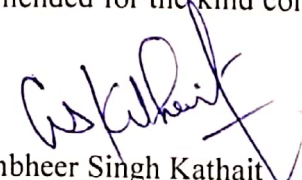
Agenda item No. 6. To list the names of paper setters/ practical examiners for the examinations of the courses of the department.

Resolution: The names of the paper setters/ practical examiners for the examination of the courses of the department are as listed in **Enclosure-5 (Envelop-2)**.

The meeting was concluded with vote of thanks to the convener.

The item wise resolutions are being recommended for the kind consideration and approval of the School Board/Academics Council.


Prof. M. K. Panda


Mr. Gambheer Singh Kathait

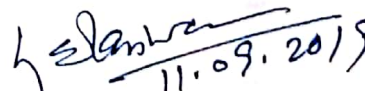

Prof. S. C. Bhatt

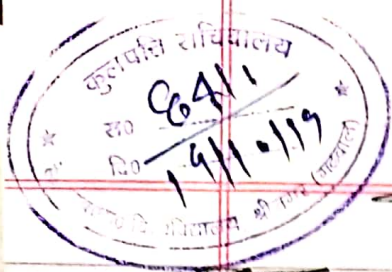
699
16/7/17
Acad
1084

Hon'ble Vice Chancellor
May kindly approve.

DR Academics for
comment
18.9.2017

Pr. Examine.
24/9/17
So (Academic)


11.09.2017
Prof. N. S. Panwar
(Convener)



पाठ्यक्रम समिति में उपस्थित सदस्यों द्वारा मक 60 अ. ले 06 तक के निर्णय दोगा ले सम्पादित है।

(14) उत्त. अनुमोदनाम प्रस्तुत

27/11/19

SO (Acad)

DR (A)

27/11/19

Pl. Specify out of all agenda, which agenda needs to be put up to SB. and which are the agenda needs to be approved by V.C.

Kamal
27/11/19
SO (Academic)
Sh. Kalraj

14/11/2019

पाठ्यक्रम समिति में उपस्थित सदस्यों द्वारा ~~निम्न~~ ~~कार्य~~ ~~वृत्त~~ को माननीय कुलपति जी के अनुमोदनाम प्रस्तुत।

(14)

14/11/19

विषय - 2, 3 एवं 4 हस्त जोड़ी हेतु संशोधन
अथवा विद्युत अनुमोदनाम प्रस्तुत
SO (Acad)

DR (A)

16/11/2019

CA may please consider and approve resolutions passed by BOS. Agenda item no. 2, 3 & 4 needs to be put up before SB by concerned convenor of BOS.

Registration Section

Kamlesh

16/11/19

Approved on 21.10.2019

As per university notification No.: Academic/2019/358, dated 22-02-2019, the Board of Studies (BoS) meeting was held in the office of the Head, **Instrumentation Engineering-USIC** at the Chauras campus of the university. Following members were present-

1. Prof. S. C. Bhatt, Physics Dept., HNB Garhwal University -Member
2. Prof. M. M. S. Rauthan, CSE Dept., HNB Garhwal University -Member
3. Mr. Don Biswas, Asst. Professor, Instrumentation Engg.-USIC -Member
4. Prof. N.S. Panwar, Head, Instrumentation Engg.-USIC -Convener

Prof. R. P. Maheshwari, IIT Roorkee, and Dr. M. K. Panda, GBPEC, Pauri could not attend the meeting due to their pre- occupied schedule.

The following agenda were discussed, elaborated and worked out and resolved as stated.

Agenda item No. 1. Confirmation of the Minutes of the previous BoS meeting, held on 05-04-2018.

Resolution: Minutes of the BoS meeting, held on 05-04-2018 were confirmed.

Agenda item No. 2. Implementation of EWS as per MHRD letter F No. 19-3/2019-CU dated 19 January, 2019, and DSW letter No. HNBGU/DSW/2019 dated 04-02-2019, in the courses being run by the **Instrumentation Engineering Department**.

Resolution: Category- wise student strength after the EWS Reservation for the B. Tech. **Electrical and Instrumentation Engineering** course being run by the **Instrumentation Engineering Department**, is calculated as per MHRD letter F No. 19-3/2019-CU dated 19 January, 2019 and DSW letter No. HNBGU/DSW/2019 dated 04-02-2019. The following recommendations were made to enhance the seat to implement EWS.

Category	Total Existing Intake Capacity (2018-19)	Total student strength after increased intake (to implement EWS)	
		2019-20 (5% EWS)	2020-21(10% EWS)
SC	04	05	06
ST	02	03	03
OBC	09	09	11
Others	16	16	16
EWS	-	02	04
Total	31	35	40

The meeting was concluded with the vote of thanks to the chair.

Prof. S. C. Bhatt

Prof. M. M. S. Rauthan

Mr. Don Biswas

Prof. N.S. Panwar
(Convener)

Hon'ble Vice-chancellor

may kindly approve -