

9th November, 2015

DAV University, Jalandhar
Department of Electronics and Communication Engineering

Proceedings of Meeting

The Meeting of the Board of Studies in department of Electronics and Communication Engineering was held on 9th November, 2015 at 10:00 am in the Committee Room (Administrative Block), DAV University, Jalandhar.

Following members were present in the meeting:

1. Dr. M. L. Singh, Professor, Department of Electronics Technology, Guru Nanak Dev University, Amritsar (External Expert)
2. Dr. Naresh Sahajpal, Dean (Academics), DAV University, Jalandhar
3. Er. Gagan Deep, Assistant Professor & Coordinator, DAV University, Jalandhar
4. Er. Vikramjit Singh, Assistant Professor, DAV University, Jalandhar
5. Er. Inderjit Singh, Assistant Professor, DAV University, Jalandhar

Following agenda was discussed and resolved:

Agenda Item-1

The Course Schemes and detailed Syllabi of 2015 batches and onwards for Bachelor of Technology in Electronics and Communication Engineering (prepared according to Choice Based Credit System proposed by University Grants Commission) and Master of Technology in Electronics and Communication Engineering were presented to the external member for their approval.

Decision:

It was discussed and unanimously resolved to approve the proposed outline of tests, syllabi and courses of reading for the following programs of Batch 2015:

- a) Bachelor of Technology in Electronics and Communication Engineering
- b) Master of Technology in Electronics and Communication Engineering

Agenda Item-2

To consider *post facto* approval to the proposed course scheme and syllabi for the first semester 2015 batches of Bachelor of Technology in Electronics and Communication Engineering and Master of Technology in Electronics and Communication Engineering.

Decision:

It was discussed and unanimously resolved to give *post facto* approval to outline of tests, syllabi and courses of reading, as such, for the first semester of Batch 2015, for

- a) Bachelor of Technology in Electronics and Communication Engineering
- b) Master of Technology in Electronics and Communication Engineering

Agenda Item-3

The other Items of discussion

- 1) The department specific elective baskets that provide specific specialization to the students was appreciated.
- 2) A provision needs to be given for a student for the reconduct of MST/ETE exams later after the stipulated date of exam, under valid reasons authenticated by University authorities.
- 3) References mentioned in the course syllabi should be latest.

Signatures of members present:

1. Dr. M. L. Singh
Professor,
Guru Nanak Dev University
Amritsar
(External Expert)

2. Dr. Naresh Sahajpal
Dean (Academics)
DAV University
Jalandhar

3. Er. Gagan Deep
Assistant Professor & Coordinator
DAV University
Jalandhar

4. Er. Vikramjit Singh
Assistant Professor
DAV University
Jalandhar

5. Er. Inderjit Singh
Assistant Professor
DAV University
Jalandhar



D.A.V. University, Jalandhar

Department of Electronics and Communication Engineering

Proceedings of Meeting

The meeting of the Board of Studies (BOS) in Department of Electronics and Communication Engineering was held on 21st May, 2018 at 11:00 a.m. in Room no AD-6, Administrative Block, DAV, University, Jalandhar.

Following members were the present in the BOS meeting:

1. Prof. (Dr.) J. S. Sahambi (Professor, Department of Electrical Engineering, IIT Ropar)
2. Dr. Amritpal Singh (Director, Enerzinx LLC, Bangalore)
3. Er. Gagan Deep (Assistant Professor, ECE)
4. Er. Vikramjit Singh (Assistant Professor and Coordinator, ECE)
5. Er. Inderjit Singh (Assistant Professor, ECE)
6. Er. Sangeeta Monga (Assistant Professor, ECE)
7. Dr. Omkar Singh (Assistant Professor, ECE)

Agenda discussed:

BOS recommended the outline of syllabi and course of reading for 2018 batch admissions and onwards for Bachelors of Technology and Masters of Technology in Electronics and Communication Engineering.

Prof. (Dr.) J. S. Sahambi
(Professor, Electrical Engineering, IIT Ropar)

Er. Gagan Deep
(Assistant Professor, ECE)

Er. Inderjit Singh
(Assistant Professor, ECE)

Dr. Omkar Singh
(Assistant Professor, ECE)

Dr. Amritpal Singh
(Director, Enerzinx LLC, Bangalore)

Er. Vikramjit Singh
(Assistant Professor and Coordinator, ECE)

Er. Sangeeta Monga
(Assistant Professor, ECE)

DAV University, Jalandhar
Department of Electronics and Communication Engineering

Ref. No. :

Dated: July 11, 2019

Subject: Minutes of 4th Board of Studies (BoS) meeting held on 11/07/19

The Fourth meeting of Board of Studies (BoS) of Department of Electronics and Communication Engineering was held on 11/07/2019 at 02:00 p.m. in the committee room (Administrative Block).

Following members were present in the meeting:

1. Dr. Satvir Singh External Expert
(Associate Professor, I. K. Gujral Punjab Technical University, Jalandhar)
2. Dr. Gagan Deep Coordinator
(Assistant Professor, Department of Electronics and Communication Engineering)
3. Er. Sangeeta Monga Member
(Assistant Professor, Department of Electronics and Communication Engineering)
4. Er. Inderjit Singh Member
(Assistant Professor, Department of Electronics and Communication Engineering)

Item 1: Approval of Course Schemes and Syllabi of 2019 batch for Bachelor of Technology and Master of Technology - Electronics and Communication Engineering.

The Course Scheme and detailed syllabi of 2019 batch for Bachelor of Technology and Master of Technology - Electronics and Communication Engineering (*prepared according to model curriculum given by AICTE*) was presented to the Board of studies for its approval.

The members of BoS discussed and approved the course scheme and syllabi of 2019 batch of Department of Electronics and Communication Engineering as per Annexure-I.

Item 2:

After discussion and deliberation about introducing the MOOC courses in the Department of Electronics and Communication Engineering, the following has been resolved by the Members, Board of Studies.

- i. The Students may opt any relevant course from the list of NPTEL, SWAYAM courses available on its official website <http://nptel.ac.in>, <https://swayam.gov.in> respectively against elective courses of scheme.


11/7/19

- ii. The content of such MOOC courses should not match with regular subjects.
- iii. The student(s) will submit the application for opting MOOC course to the Coordinator of the department. The Coordinator of the department will forward the application to the Dean (Academics) office for permitting the students(s) to register after duly verification and recommendation from the concerned teacher taking the elective course of that particular class.
- iv. MOOC chosen against departmental elective has to be a technical course related to Electronics and Communication Engineering and for open elective course has to be from any other domain except Electronics and Communication engineering.
- v. In case MOOC course chosen against any elective course is having the less credit than the elective course, the student should be allowed to opt the course by the university.
- vi. The grade marks along with copy of the certificate obtained by the student (s) from NPTEL, SWAYAM will be submitted to the Examination Branch (through the teacher concerned deputed by department through Coordinator of the department) for entering the marks/ grades of the subject passed in the DMC.

Note: The students are advised to visit the website of NPTEL, SWAYAM for opting a particular course after following the procedure as per DAV University guidelines and are responsible for their registration as well as other terms and conditions to be fulfilled as laid down by NPTEL/SWAYAM.


Item 3: The other items of discussion

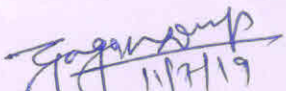
- In the meeting, the concept of minor degree is discussed for undergraduate students as per model AICTE curriculum.
- It is also suggested certain changes in ELE105 – Basic Electrical Engineering with an intention to simplify the contents and give glimpses of electronic devices will be more useful. Accordingly, the course contents are proposed in the Annexure-I for the consideration of BOS EE and Academic Council.
- It is suggested to include topics from Fourier Transform, Z-Transform and Probability to be included in syllabi of Engineering Mathematics-III after reducing topics not-relevant for ECE students.
- BOS ECE pushes our faculty to develop and enroll themselves for maximum MOOCs courses.

The members welcomed the suggestions of the Expert and assured him that the University would take the cognizance of her valuable input and would put up the same for the consideration of the University Academic Council.

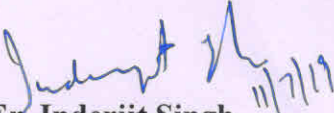

11/7/19

Meeting ended with thanks to all those present.


Dr. Satvir Singh
(External Expert)


Dr. Gagan Deep Aul
(Coordinator)


Er. Sangeeta Monga (007)
(Member)


Er. Inderjit Singh
(Member)

DAV University, Jalandhar
Department of Electronics and Communication Engineering

Ref. No. : DAVU/ECE/2020/

Dated: July 24, 2020

Subject: Minutes of 5th Board of Studies (BoS) meeting held on 24/07/20

The Fifth meeting of Board of Studies (BoS) of Department of Electronics and Communication Engineering was held online due to COVID-19 on 24/07/2020.

Following members were present in the meeting:

1. Dr. Satvir Singh **External Expert**
(Associate Professor and Head Department of Electronics and Communication Engineering ,
I.K. Gujral Punjab Technical University, Jalandhar)
2. Dr. Gagan Deep **Coordinator**
(Assistant Professor, & Head Department of Electronics and Communication Engineering, DAV
University, Jalandhar)
3. Er. Sangeeta Monga **Member**
(Assistant Professor, Department of Electronics and Communication Engineering, DAV
University, Jalandhar)
4. Er. Inderjit Singh **Member**
(Assistant Professor, Department of Electronics and Communication Engineering, DAV
University, Jalandhar)

Item 1: Approval of Course Scheme and Syllabi of 2020 batch for New Course Integrated B.Tech.-M.Tech. (Electronics and Communication Engineering) introduced in Department of Electronics and Communication Engineering.

The Course Scheme and detailed syllabi of 2020 batch for Integrated B.Tech.-M.Tech. (Electronics and Communication Engineering) was presented to the Board of studies for its approval.

The members of BoS discussed and approved the course scheme and syllabi of 2020 batch of Department of Electronics and Communication Engineering as per Annexure-I.

Item 2: Approval of Course Schemes and Syllabi of 2020 batch for Bachelor of Technology and Master of Technology - Electronics and Communication Engineering.

The Course Scheme and detailed syllabi of 2020 batch for Bachelor of Technology and Master of Technology - Electronics and Communication Engineering (*prepared according to model curriculum given by AICTE*) was presented to the Board of studies for its approval.

Item 3: After discussion and deliberation about introducing the MOOC courses in the Department of Electronics and Communication Engineering, the following has been resolved by the Members, Board of Studies.

**SATVIR
SINGH**


Digitally signed by SATVIR SINGH
DN: c=IN, o=IKG PUNJAB TECHNICAL
UNIVERSITY, ou=DEPARTMENT OF ECE,
2.5.4.20=120e09504a6163dd8b9d10c76
a896b5d17dfc43db0f1e9c2c73f8c04cd
89a877, postalCode=144603,
st=PUNJAB,
serialNumber=90e4ad24d3b43b6f6cb4
78966592dfcb75bd74e4a710963292ddf
194b7b47ac0, cn=SATVIR SINGH
Date: 2020.07.31 15:08:34 +05'30'

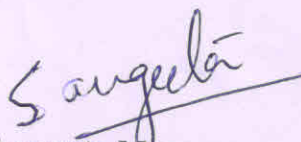
- i. The Students may opt any relevant course from the list of NPTEL, SWAYAM courses available on its official website <http://nptel.ac.in>, <https://swayam.gov.in> respectively against elective courses of scheme.
- ii. The content of such MOOC courses should not match with regular subjects.
- iii. The student(s) will submit the application for opting MOOC course to the Coordinator of the department. The Coordinator of the department will forward the application to the Dean (Academics) office for permitting the students(s) to register after duly verification and recommendation from the concerned teacher taking the elective course of that particular class.
- iv. MOOC chosen against departmental elective has to be a technical course related to Electronics and Communication Engineering and for open elective course has to be from any other domain except Electronics and Communication engineering.
- v. In case MOOC course chosen against any elective course is having the less credit than the elective course, the student should be allowed to opt the course by the university.
- vi. The grade marks along with copy of the certificate obtained by the student (s) from NPTEL, SWAYAM will be submitted to the Examination Branch (through the teacher concerned deputed by department through Coordinator of the department) for entering the marks/ grades of the subject passed in the DMC.

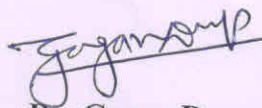
Note: The students are advised to visit the website of NPTEL, SWAYAM for opting a particular course after following the procedure as per DAV University guidelines and are responsible for their registration as well as other terms and conditions to be fulfilled as laid down by NPTEL/SWAYAM.

The members welcomed the suggestions of the Expert and assured him that the University would take cognizance of his valuable input and would put up the same for the consideration of the University Academic Council.

Meeting ended with special thanks to the expert and all those present.


Er. Inderjit Singh
 (Member)


Er. Sangeeta Monga
 (Member)


Dr. Gagan Deep Aul
 (Coordinator)

**SATVIR
 SINGH**
Dr. Satvir Singh
 (External Expert)

Digitally signed by SATVIR SINGH
 DN: c=IN, o=IKG PUNJAB TECHNICAL UNIVERSITY,
 ou=DEPARTMENT OF ECE,
 2.5.4.20=120e09504a6163dd8b9d10c76a896b5d1
 7d6c43db0f1e9c2c73f8c04cd89a877,
 postalCode=144603, st=PUNJAB,
 serialNumber=90e4ad24d3b43b6f6cb478966592
 dfcb75bd74e4a710963292ddf194b7b47ac0,
 cn=SATVIR SINGH
 Date: 2020.07.31 15:09:14 +05'30'

DAV University, Jalandhar
Department of Electronics and Communication Engineering

Ref. No. : DAVU/ECE/2021/21

Dated: July 23, 2021

Subject: Minutes of 6th Board of Studies (BoS) meeting held on 23rd July 2021

The Sixth meeting of Board of Studies (BoS) of Department of Electronics and Communication Engineering was held online due to Pandemic COVID-19 on 23rd July 2021.

Following members were present in the meeting:

1. Prof. (Dr.) Vikas Chawla External Expert
(Dean Academics, Professor & Head Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Jalandhar)
2. Dr. Balwinder Raj External Expert
(Associate Professor Department of Electronics and Communication Engineering, NITTTR, Chandigarh)
3. Dr. Gagan Deep Coordinator
(Assistant Professor, & Head Department of Electronics and Communication Engineering, DAV University, Jalandhar)
4. Er. Sangeeta Monga Member
(Assistant Professor, Department of Electronics and Communication Engineering, DAV University, Jalandhar)
5. Er. Inderjit Singh Member
(Assistant Professor, Department of Electronics and Communication Engineering, DAV University, Jalandhar)
6. Er. Vipin Bansal Member
(Assistant Professor, & Head Department of Mechanical Engineering, DAV University, Jalandhar)

Item 1: Approval of Course Scheme and Syllabi of 2021 batch for New Program
"Post Graduate Diploma in Robotics" introduced in Department of Electronics and Communication Engineering.

The Course Scheme and detailed syllabi of Post Graduate Diploma in Robotics for 2021 batch and onwards was presented to the Board of studies for its approval.

The members of BoS discussed and approved the course scheme and syllabi of Post Graduate Diploma in Robotics for 2021 batch with modifications as under.

- The course code MEC051 name has been changed to Introduction to Robotics.
- Course code ECE590, Seminar contents updated.
- The course code ECE584 name has been changed to Robot Control Systems.
- Corse Code ECE588, Robotics Lab-I syllabus has been refined.

Page 1 of 3

Vikas Chawla
Inderjit Singh

S. P. S. S. S.

Gagan Deep
10069

Gagan Deep
10069

Abhinav
mes

The experts also recommended the Industrial visits of the students for practical-industrial robotics exposure.

Item 2: Approval of Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering, M.Tech. in Electronics and Communication Engineering and 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering.

The Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering, M.Tech. in Electronics and Communication Engineering and 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering, was presented to the Board of studies for its approval.

The members of BoS discussed and approved the Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering & 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering with introduction of two new laboratory courses (as per following details) and introduction of MOOC courses in M.Tech. in Electronics and Communication Engineering.

S. no	Semester	Course Code	Course Title	L	T	P	Cr	Course Type
1	5	ECE317	IC Applications Laboratory	0	0	2	1	PCC
2	7	ECE463	Sensors Laboratory	0	0	2	1	PCC

Item 3: After discussion and deliberation about introducing the MOOC courses in the Department of Electronics and Communication Engineering, the following has been resolved by the Members, Board of Studies.

- i. The Students may opt any relevant course from the list of NPTEL, SWAYAM courses available on its official website <http://npTEL.ac.in>, <https://swayam.gov.in> respectively against elective courses of scheme.
- ii. The content of such MOOC courses should not match with regular subjects.
- iii. The student(s) will submit the application for opting MOOC course to the Coordinator of the department. The Coordinator of the department will forward the application to the Dean (Academics) office for permitting the students(s) to register after duly verification and recommendation from the concerned teacher taking the elective course of that particular class.
- iv. MOOC chosen against departmental elective has to be a technical course related to Electronics and Communication Engineering and for open elective course has to be from any other domain except Electronics and Communication engineering.
- v. In case MOOC course chosen against any elective course is having the less credit than the elective course, the student should be allowed to opt the course by the university.
- vi. The grade marks along with copy of the certificate obtained by the student (s) from NPTEL, SWAYAM will be submitted to the Examination Branch (through the teacher

W. Hanu

concerned deputed by department through Coordinator of the department) for entering the marks/ grades of the subject passed in the DMC.

Note: The students are advised to visit the website of NPTEL, SWAYAM for opting a particular course after following the procedure as per DAV University guidelines and are responsible for their registration as well as other terms and conditions to be fulfilled as laid down by NPTEL/SWAYAM.

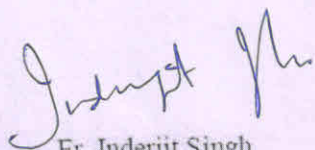
Item 4: Approval of Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering (LEET)

For students admitted in B.Tech. (LEET) in Electronics & Communication Engineering 2021, the scheme and course of study applicable to 2020 batch will be followed and this trend will also be continued for successive batches of admissions.

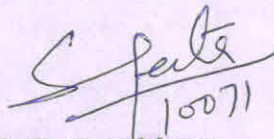
The members welcomed the suggestion of the Experts regarding constitutional course in first year of engineering and assured them that the University would take cognizance of their valuable input and would put up the same for the consideration of the University Academic Council.

Meeting ended with special thanks to the subject experts and all those present.

Signatures of Members Present:



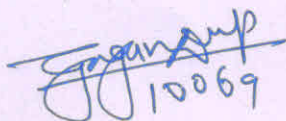
Er. Inderjit Singh
(Member)
(Assistant Professor,
Department of ECE, DAV,
University, Jalandhar)



Er. Sangeeta Monga
(Member)
(Assistant Professor,
Department of ECE,
DAV, University, Jalandhar)



Er. Vipin Bansal
(Member)
(Assistant Professor &
Coordinator, Department of
Mechanical Engineering, DAV,
University, Jalandhar)



Dr. Gagan Deep Aul
(Coordinator)
(Assistant Professor &
Coordinator,
Department of ECE, DAV,
University, Jalandhar)

Dr. Balwinder Raj
(External Expert ECE)
Associate Professor,
Department of ECE
NITTTR, Chandigarh



Prof. (Dr.) Vikas Chawla
(External Expert ME)
Dean Academics, Professor &
Head Department of
Mechanical Engineering, IK
Gujral Punjab Technical
University, Jalandhar)

DAV University, Jalandhar
Department of Electronics and Communication Engineering

Ref. No. : DAVU/ECE/2021/21

Dated: July 23, 2021

Subject: Minutes of 6th Board of Studies (BoS) meeting held on 23rd July 2021

The Sixth meeting of Board of Studies (BoS) of Department of Electronics and Communication Engineering was held online due to Pandemic COVID-19 on 23rd July 2021.

Following members were present in the meeting:

1. Prof. (Dr.) Vikas Chawla **External Expert**
(Dean Academics, Professor & Head Department of Mechanical Engineering , IK Gujral Punjab Technical University, Jalandhar)
2. Dr. Balwinder Raj **External Expert**
(Associate Professor Department of Electronics and Communication Engineering , NITTTR, Chandigarh)
3. Dr. Gagan Deep **Coordinator**
(Assistant Professor, & Head Department of Electronics and Communication Engineering, DAV University, Jalandhar)
4. Er. Sangeeta Monga **Member**
(Assistant Professor, Department of Electronics and Communication Engineering, DAV University, Jalandhar)
5. Er. Inderjit Singh **Member**
(Assistant Professor, Department of Electronics and Communication Engineering, DAV University, Jalandhar)
6. Er. Vipin Bansal **Member**
(Assistant Professor, & Head Department of Mechanical Engineering, DAV University, Jalandhar)

**Item 1: Approval of Course Scheme and Syllabi of 2021 batch for New Program
"Post Graduate Diploma in Robotics" introduced in Department of Electronics and
Communication Engineering.**

The Course Scheme and detailed syllabi of Post Graduate Diploma in Robotics for 2021 batch and onwards was presented to the Board of studies for its approval.

The members of BoS discussed and approved the course scheme and syllabi of Post Graduate Diploma in Robotics for 2021 batch with modifications as under.

- The course code MEC051 name has been changed to Introduction to Robotics.
- Course code ECE590, Seminar contents updated.
- The course code ECE584 name has been changed to Robot Control Systems.
- Corse Code ECE588, Robotics Lab-I syllabus has been refined.

Page 1 of 3

Gand
10067

S. Patel *Prof*

Harpreet
100

The experts also recommended the Industrial visits of the students for practical-industrial robotics exposure.

Item 2: Approval of Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering, M.Tech. in Electronics and Communication Engineering and 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering.

The Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering, M.Tech. in Electronics and Communication Engineering and 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering, was presented to the Board of studies for its approval.

The members of BoS discussed and approved the Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering & 5 Year Integrated B.Tech.-M.Tech. in Electronics and Communication Engineering with introduction of two new laboratory courses (as per following details) and introduction of MOOC courses in M.Tech. in Electronics and Communication Engineering.

S. no	Semester	Course Code	Course Title	L	T	P	Cr	Course Type
1	5	ECE317	IC Applications Laboratory	0	0	2	1	PCC
2	7	ECE463	Sensors Laboratory	0	0	2	1	PCC

Item 3: After discussion and deliberation about introducing the MOOC courses in the Department of Electronics and Communication Engineering, the following has been resolved by the Members, Board of Studies.

- i. The Students may opt any relevant course from the list of NPTEL, SWAYAM courses available on its official website <http://nptel.ac.in>, <https://swayam.gov.in> respectively against elective courses of scheme.
- ii. The content of such MOOC courses should not match with regular subjects.
- iii. The student(s) will submit the application for opting MOOC course to the Coordinator of the department. The Coordinator of the department will forward the application to the Dean (Academics) office for permitting the students(s) to register after duly verification and recommendation from the concerned teacher taking the elective course of that particular class.
- iv. MOOC chosen against departmental elective has to be a technical course related to Electronics and Communication Engineering and for open elective course has to be from any other domain except Electronics and Communication engineering.
- v. In case MOOC course chosen against any elective course is having the less credit than the elective course, the student should be allowed to opt the course by the university.
- vi. The grade marks along with copy of the certificate obtained by the student (s) from NPTEL, SWAYAM will be submitted to the Examination Branch (through the teacher

concerned deputed by department through Coordinator of the department) for entering the marks/ grades of the subject passed in the DMC.

Note: The students are advised to visit the website of NPTEL, SWAYAM for opting a particular course after following the procedure as per DAV University guidelines and are responsible for their registration as well as other terms and conditions to be fulfilled as laid down by NPTEL/SWAYAM.

Item 4: Approval of Course Scheme and Syllabi for B.Tech. in Electronics and Communication Engineering (LEET)

For students admitted in B.Tech. (LEET) in Electronics & Communication Engineering 2021, the scheme and course of study applicable to 2020 batch will be followed and this trend will also be continued for successive batches of admissions.

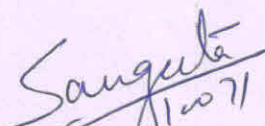
The members welcomed the suggestion of the Experts regarding constitutional course in first year of engineering and assured them that the University would take cognizance of their valuable input and would put up the same for the consideration of the University Academic Council.

Meeting ended with special thanks to the subject experts and all those present.

Signatures of Members Present:



Er. Inderjit Singh
(Member)
(Assistant Professor,
Department of ECE, DAV,
University, Jalandhar)



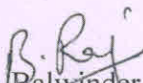
Er. Sangeeta Monga
(Member)
(Assistant Professor,
Department of ECE,
DAV, University, Jalandhar)



Er. Vipin Bansal
(Member)
(Assistant Professor &
Coordinator, Department of
Mechanical Engineering, DAV,
University, Jalandhar)



Dr. Gagan Deep Aul
(Coordinator)
(Assistant Professor &
Coordinator,
Department of ECE, DAV,
University, Jalandhar)



Dr. Balwinder Raj
(External Expert ECE)
Associate Professor,
Department of ECE
NITTTR, Chandigarh

Prof. (Dr.) Vikas Chawla
(External Expert ME)
Dean Academics, Professor &
Head Department of
Mechanical Engineering, IK
Gujral Punjab Technical
University, Jalandhar)