



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज-211004 [भारत]
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 [India]



MINUTES

Minutes of the **Sixty-ninth (69th) meeting** of the Senate held on **January 22, 2021 (Friday)** at **03.30 P.M.** through online video conferencing on Microsoft Teams.

Following members of the Senate joined the meeting:

- | | | | |
|-----|---------------------------------|---|----------|
| 1. | Prof. Rajeev Tripathi, Director | – | Chairman |
| 2. | Prof. M.M. Gore | – | Member |
| 3. | Prof. Rakesh Narain | – | Member |
| 4. | Prof. Anuj Jain | – | Member |
| 5. | Prof. Geetika | – | Member |
| 6. | Prof. R. K. Singh | – | Member |
| 7. | Prof. P. K. Dutta | – | Member |
| 8. | Prof. .Haranath Kar | – | Member |
| 9. | Prof. P. P. Sahay | – | Member |
| 10. | Prof. A. D. Bhatt | – | Member |
| 11. | Prof. Anil Kumar Sachan | – | Member |
| 12. | Prof. A. K. Singh | – | Member |
| 13. | Prof. R. P. Tiwari | – | Member |
| 14. | Prof. R. K. Tripathi | – | Member |
| 15. | Prof. R. S. Yadav | – | Member |
| 16. | Prof. V. K. Srivastava | – | Member |
| 17. | Prof. R. C. Vaishya | – | Member |
| 18. | Prof. H. S. Goyal | – | Member |
| 19. | Prof. Neeraj Tyagi | – | Member |
| 20. | Prof. Ravi Prakash | – | Member |
| 21. | Prof. Amit Dhawan | – | Member |

22.	Prof. Shubhi Purwar	-	Member
23.	Prof. Shiv Dutt Kumar	-	Member
24.	Prof. S. S. Narvi	-	Member
25.	Prof. K. N. Pandey	-	Member
26.	Prof. R. K. Nagaria	-	Member
27.	Prof. Ravi Prakash Tewari	-	Member
28.	Prof. S. J. Pawar	-	Member
29.	Prof. Shivesh Sharma	-	Member
30.	Prof. Anjana Pandey	-	Member
31.	Prof. P. K. Mehta	-	Member
32.	Prof. Sadhana Sachan	-	Member
33.	Prof. Y. K. Gupta	-	Member
34.	Prof. L. K. Mishra	-	Member
35.	Prof. Raj Mohan Singh	-	Member
36.	Prof. Anil Kumar Singh	-	Member
37.	Prof. D. S. Kushawaha	-	Member
38.	Prof. D. K. Yadav	-	Member
39.	Prof. Paulson Samuel	-	Member
40.	Prof. Asheesh Kumar Singh	-	Member
41.	Prof. Rajesh Gupta	-	Member
42.	Prof. Richa Negi	-	Member
43.	Prof. Nand Kishor	-	Member
44.	Prof. Ram Awadh Mishra	-	Member
45.	Prof. Vijay Shankar Tripathi	-	Member
46.	Prof. Pankaj Srivastava	-	Member
47.	Prof. Manoj Kumar	-	Member
48.	Prof. Mukul Shukla	-	Member
49.	Prof. Avanish Kumar Dubey	-	Member
50.	Prof. Rajeev Srivastava	-	Member
51.	Prof. M.K. Khurana	-	Member
52.	Prof. S. N. Pandey	-	Member



- | | | | |
|-----|-------------------------|---|--------|
| 53. | Prof. Tanuj Nandan | – | Member |
| 54. | Prof. Ganesh Pd. Sahu | – | Member |
| 55. | Prof. Madhu Dikshit | – | Member |
| 56. | Prof. Jai Prakash Saini | – | Member |
| 57. | Prof. Braj Bhushan | – | Member |

Special Invitees:

1. Dr. Ramesh Pandey , Head, Department of Applied Mechanics.
2. Dr. Vishnu Agarwal, Head, Department of Biotechnology.
3. Dr. Sushil Kumar, Head, Department of Chemical Engineering.
4. Dr. Tamal Ghosh, Head, Department of Chemistry.
5. Dr. Rajesh Kumar Shastri, Head, Humanities and Social Sciences
6. Dr. Mukesh Kumar, Department of Mathematics.
7. Dr. Animesh Kumar Ojha, Head, Department of Physics. (Oftg.)
8. Dr. Tripti Singh, Head, School of Management Studies.

The following members/special invitee could not attend the meeting:

- | | | | |
|----|------------------------|---|--------|
| 1. | Prof. Vinod Yadava | – | Member |
| 2. | Prof. Suneeta Agarwal | – | Member |
| 3. | Prof. R. D. Gupta | – | Member |
| 4. | Prof. Vijaya Bhadauria | – | Member |
| 5. | Prof. G. K. Mehrotra | – | Member |
| 6. | Prof. Rakesh Kumar | – | Member |

The Chairman, Senate extended a warm welcome to all the members and thanked them for taking their time out to join the online meeting of the Senate.

The Chairman, Senate also extended a warm welcome to the following newly nominated external members of the Senate, who were attending the meeting for the first time after their nomination and thanked all of them for taking their time out to attend the meeting.



Agenda item-wise proceedings are as under:

Item No. 69.01 : To confirm the minutes of the Sixty-eighth (68th) meeting of the Senate held on October 28, 2020.

Resolution : The Senate resolved to confirm the minutes of its Sixty-eighth (68th) meeting held on October 28, 2020.

Item No. 69.02 : To consider the action taken report on the decisions taken in the Sixty-eighth (68th) meeting of the Senate held on October 28, 2020.

Resolution : The Senate noted the action taken by the Institute on the decisions taken in its the Sixty-eighth (68th) meeting held on October 28, 2020, as circulated.

Item No. 69.03 : To note and ratify the approval accorded by the Chairman, Senate on the following matters:

- (a) Recommendations of the Ph.D. Oral Boards of different departments.
- (b) Recommendations of the Standing Committee and Unfair Means Committee.
- (c) Recommendations of the Chairman, SUGC.
- (e) Recommendations of the Chairman, SDPC.

Resolution : (a) The Senate confirmed and ratified the approval accorded by the Chairman, Senate on the recommendations of Ph.D. Oral Boards of following students of the Institute:

Sl. No.	Registration No.	Name	Department
1	2013RGI02	Ms. Shilpi	GISC
2	2015RCS05	Mr. Ashish Kumar Sahu	CSED
3	2016RME16	Mr. Ashok Kumar Pandey	MED
4	2014RBT52	Mr. Pranav Tripathi	BOT.
5	2014RCS05	Mr. Mainejar Yadav	CSED
6	2016RPH51	Mr. Aditya Kumar	PHY
7	2014RME03	Mr. Inayatullah	MED
8	2016RPH52	Mr. Vivek Chaudhary	PHY

9	2014RCL53	Mr. Pratap Singh	CHEM.
10	2014RBT01	Mr. Amit Kumar Kureel	BOT.
11	2015REE04	Mr. Pandla Chinna Dastagiri Goud	EED
12	2014RCS10	Mr. Krishna Vijay Kumar Singh	CSED
13	2014RBT06	Mr. Manish Pratap Singh	BOT.
14	2015RMS01	Ms. Nivedita Srivastava	SMS
15	2015RAM01	Mr. Samarjit Singh	AMD
16	2013RCS51	Mr. Anurag Sewak	CSED
17	2014RBT04	Mr. Ashutosh Pandey	BOT.
18	2014RBT51	Ms. Sheetal Saini	BOT.
19	2015RGI03	Mr. Rakesh Sahu	GISC
20	2015REL51	Mr. Vikrant Varshney	ECED
21	2015RME11	Mr. Praveen Kumar Rai	MED
22	2015RBT08	Mr. Amit Chaudhary	BOT.
23	2013RCE52	Ms. Shraddha Yadav	CED
24	2014RBT07	Ms. Geetanjali	BOT.
25	2014RME54	Mr. Piyush Pal	MED
26	2013RME54	Mr. Anil Kumar Yadav	MED
27	2017REL13	Mr. Ritesh Kumar Kushwaha	ECED
28	2013RME53	Mr. Mohd. Avesh	MED
29	2016REL02	Mr. Akshay Verma	ECED
30	2014REE56	Mr. Umesh Kumar Soni	EED
31	2015REL16	Mr. Sunil Kumar	ECED
32	2015REE06	Mr. Satendra Kumar Singh Kushwaha	EED
33	2017REL02	Mr. Nilesh Anand Srivastava	ECED

(b) The Senate confirmed and ratified the approval accorded by the Chairman, Senate on the recommendations made by the Standing Committee on Urgent Academic Matters in its meeting held on 03.12.2020, 18.12.2020.

A copy of the approved minutes of the Standing Committee and Unfair Means Committee is placed at **ANNEXURE-I, II**.

(c) The Senate confirmed and ratified the approval accorded by the Chairman, Senate on the recommendations made by the SUGC in its meeting held on 11.01.2021.

A copy of the approved minutes of SUGC is placed at **ANNEXURE-III.**

(e) The Senate confirmed and ratified the approval accorded by the Chairman, Senate on the recommendations made by the SDPC in its meeting held on 26.10.2020, 07.01.2021.

A copy of the approved minutes of SDPC is placed at **ANNEXURE-IV, V**.

The Senate considered the recommendation of Chairman, SDPC for granting extension to following students and resolved that each case shall be discussed in SDPC meeting and authorized Chairman, Senate to approve the recommendation of Chairman, SDPC.

S. No.	Registration No.	Name of the Students	Department	Extension requested for
1.	2010RCS53	Mr. Rohit	CSED	Three month academic session 2020-21
2.	2015RCH03	Ms. Prabha Bhartiya	CHY	Three month academic session 2020-21
3.	2016RGI05	Mr. Dhaval Rameshbhai Mehta	GIS Cell	Three month academic session 2020-21
4.	2013RCE53	Mr. Prashant Kumar	CED	Three month academic session 2020-21
5.	2012REL51	Mr. Mohammad Kaifi	ECED	One Semester (Even) academic session 2020-21
6.	2014RCS51	Ms. Jagrati Singh	CSED	One Year (Even) academic session 2020-21
7.	2014RCS53	Mr. Ravi Prakash	CSED	One Year (Even) academic session 2020-21
8.	2014RCS52	Mr. Nitin Shukla	CSED	One Year (Even) academic session 2020-21
9.	2012RCS58	Mr. Vinod Kumar Koilakonda	CSED	One Year (Even) academic session 2020-21
10.	2014RCS54	Mr. Shailendra Pushkin	CSED	One Year (Even) academic session 2020-21
11.	2014RAM52	Mr. Rahul Singh	AMD	One Semester (Even) academic session 2020-21

Item No. 69.04 : To review the result of End Semester 2020-21 (Odd Semester) of the Institute.

Resolution : The Dean (Academic) presented the summarized result for all programmes for the Odd Semester academic session 2020-21.

The Senate noted the same and expressed its satisfaction for the efforts made

by the Dean (Academic) office in preparing and presenting the analysis.

The Senate also resolved that the department wise details may be forwarded to all Head of the Departments for a detailed analysis at the departmental level for improving performance of students.

Item No. 69.05 : To consider the proposal of Head, Department of Computer Science and Engineering regarding merging B.Tech. (Information Technology) seats into B.Tech. (Computer Science and Engineering) & M.Tech. (Software Engineering) seats into M.Tech. (Computer Science and Engineering) and starting a new PG M.Tech. course with specialization in Artificial Intelligence & Data Sciences.

Resolution : The Senate considered the proposal of the Department of Computer Science and Engineering for merger of B.Tech. (Information Technology) course into B.Tech. (Computer Science and Engineering) and after detailed deliberation resolved to accept the proposal and recommended the same to the Board of Governors for approval.

The Senate further considered the proposal of the Department to merge seats of M.Tech. (Software Engineering) into M.Tech. (Computer Science and Engineering) and starting a new PG M.Tech. course with specialization in Artificial Intelligence & Data Sciences and the Senate after detailed deliberation suggested that the Department may review the proposal in view of the suggestion made by the Senate regarding restructuring of the existing programme M.Tech. (Software Engineering) as M.Tech. (Artificial Intelligence & Data Sciences). The Senate in view of the above resolved to refer back the proposal to Department for review.

Item No. 69.06 : To discuss the change in existing course structure of UG, PG and Ph.D. programmes of the Institute as per the New Education Policy (NEP) – 2020



Resolution : The Senate considered the proposal of the Dean (Academic) for modification of Under Graduate programme in light of National Education Policy (NEP) – 2020 and resolved that all the Departments may discuss the same within their respective Departments and submit combined recommendation of all Departments to the Senate for consideration.

Item No. 69.07 : **Any other matter with the permission of the Chair.**

Resolution :

- (1) The Senate accepted the modified Academic Calendar proposed by Dean (Academic) and authorised the Chairman, Senate to approve the subsequent changes in calendar in future, if needed.
- (2) The Senate confirmed and ratified the approval accorded by Chairman, Senate on the recommendations of the Head, Department of Mechanical Engineering on 08.12.2020 a copy of the proposal of the department is placed at **ANNEXURE-VI**.

The meeting concluded with the vote of thanks to the Chair.


06/02/2021
(Sarvesh K. Tiwari)
Registrar / Secretary

Approved


06/02/21
(Rajeev Tripathi)
Director / Chairman



अधिष्ठाता (शैक्षिक) कार्यालय || Office of the Dean (Academic)
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज - २११००४, उत्तर प्रदेश, भारत
Motilal Nehru National Institute of Technology Allahabad, Prayagraj - 211004, UP, INDIA

MINUTES

Minutes of the Senate Standing Committee meeting held on December 03, 2020 (Thursday) at 11:00 a.m. in the chamber of Dean (Academic).

Following persons were present in the meeting:

- | | | | |
|-----|-----------------------------------------------------|---|-----------------|
| 1. | Prof. R. K. Singh, Dean (Academic) | - | Chairman |
| 2. | Prof. Vinay Kumar Srivastava, ECED (Senate Nominee) | - | Member |
| 3. | Prof. K. N. Pandey, Dean (Students Welfare) | - | Member |
| 4. | Prof. A. K. Sachan, Chairman, SDPC | - | Member |
| 5. | Prof. R. K. Nagaria, Chairman, SMPC | - | Member |
| 6. | Prof. Paulson Samuel, Chairman, SUGC | - | Member |
| 7. | Dr. V. R. Komma, Faculty In-charge (Workshop), MED | - | Special Invitee |
| 8. | Dr. Vandana Agarwal, Convener, DUGC, MED | - | Special Invitee |
| 9. | Dr. Naresh Kumar, Head, Department of Physics | - | Special Invitee |
| 10. | Dr. Mukesh Kumar, Head, Department of Mathematics | - | Special Invitee |
| 11. | Dr. Tamal Ghosh, Head, Department of Chemistry | - | Special Invitee |

The Chairman extended warm welcome to the members and special invitees and thanked them for taking their time out to attend the meeting.

Agenda item-wise proceedings are as under:

Item No. 01 : To consider the recommendations of Head, Department of Mechanical Engineering regarding modification in the syllabus of B.Tech. first year courses to be offered by the Department of Mechanical Engineering in the new academic session 2020-2021.

Resolution : The Standing Committee deliberated on the recommendation made by Head, Department of Mechanical Engineering regarding modification in the syllabus of B.Tech. first year courses to be offered by the Department of Mechanical Engineering in the new academic session 2020-2021, and resolved as under:

- (i) The mid semester examination of the subject Workshop (ME-11102) will be conducted through quiz and the credit distribution of the subject will remain unchanged as per previous years.
- (ii) The marks of the subject Workshop (ME-11102) will be 30 and the marking scheme of the subject will remain same with existing one.
- (iii) The Standing Committee recommends the change in the syllabus of the



अधिष्ठाता (शैक्षिक) कार्यालय || Office of the Dean (Academic)
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज - २११००४, उत्तर प्रदेश, भारत
Motilal Nehru National Institute of Technology Allahabad, Prayagraj - 211004, UP, INDIA

subject Engineering Graphics (ME-11101) without any change in the structure of the course for the evaluation.

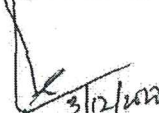
The Standing Committee recommends to approve the proposal (ANNEXURE-I) to modify the subject Engineering Graphics (ME-11101) and Workshop (ME-11102) submitted by Department of Mechanical Engineering with the above changes only for the academic session 2020-2021 looking into the ongoing situation of COVID-19 pandemic.

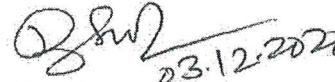
Item No. 02 : To consider the modification in the academic calendar 2020-2021.

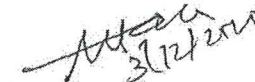
Resolution : The academic calendar for B.Tech. 1st semester and MCA 1st semester was presented by the Dean (Academic) and was discussed in Standing Committee with the members and Head of the Departments of Physics, Chemistry, Mathematics and representatives of Departments of Computer Science and Engineering and Mechanical Engineering as special invitee. The suggestion in proposed academic calendar is hereby recommended for approval.

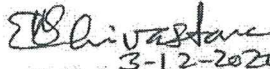
The academic calendar as proposed by the Standing Committee is attached as ANNEXURE-II.

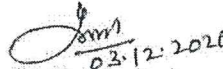
The meeting concluded with the vote of thanks to the Chair.



3/12/2020
(Paulson Samuel)
Chairman, SUGC


23.12.2020
(R. K. Nagaria)
Chairman, SMPC


3/12/2020
(A. K. Sachan)
Chairman, SDPC



3-12-2020
(V. K. Srivastava)
Professor, ECED


23.12.2020
(K. N. Pandey)
Dean (Students Welfare)


23/12/2020
(R. K. Singh)
Dean (Academic)

Director

The recommendation of the Standing Committee meeting is hereby submitted for your approval please.



9/1/2020

~~Dean (Acad.)~~

~~Pl. Discuss.~~


18/12/20

+ Item no. 02 is approved.
* To be reported in next Senate meeting.
+ For Item no. 01. let it be discussed in Senate meeting.


18/12/20

received
~~dispatched~~
No Dated. 01/12/2020
Time—
Room (A. A)

ANNEXURE-I

0: 3207/MED/F-121/2020

Dt. 01/12/2020

To,
The Dean Academic Affairs
Motilal Nehru National Institute of Technology, Allahabad.
Prayagraj INDIA.

27-11-2020.

Subject: Modification in syllabus of B Tech first year courses to be offered by the Mechanical Engineering department in the new academic session.

For B Tech first year students for the new batch that is going to start soon, some changes have been suggested in the course structure and syllabus for the subjects that are handled by mechanical engineering department.

The changed course contents as approved by the department faculty advisory committee and DUGC are being enclosed for kind approval of the academic body.

Manish Goyal
Dr H S Goyal 27/11/2020
Professor & Head

Shubham
Shubham
27/11/20
Copy to: → Exam Cell.
27 Assoc. Dean (Acad)
27 Adm. cell. & → SUGC.
Pl. Call all the above to discuss.
Shubham
27/11/2020

0
Pl. Call Standing
Committee on 03/12 at
11.00 AM
Shubham
27/11/2020



यांत्रिकी अभियंत्रण विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज- 211004 (भारत)

MECHANICAL ENGINEERING DEPARTMENT
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 (India)

Minutes of DFAC Meeting

A meeting of the Department Faculty Advisory Committee [DFAC] was held on 24.11.2020 at 12:00 PM using MS Teams Platform.

The following faculty members attended the meeting:

- | | |
|----------------------------|------------------|
| 1- Prof. H. S. Goyal | - Chairman |
| 2- Prof. A. D. Bhatt | - Member |
| 3- Prof. Ravi Prakash | - Member |
| 4- Prof. K. N. Pandey | - Member |
| 5- Prof. Mukul Shukla | - Member |
| 6- Prof. A. K. Dubey | - Member |
| 7- Prof. Rajeev Srivastava | - Member |
| 8- Prof. M. K. Khurana | - Member |
| 9- Dr. V. R. Komma | - Invited Member |
| 10- Dr. Vandana Agrawal | - Invited Member |
| 11- Dr. Audhesh Narayan | - Convener |

Agenda 1: To discuss the proposed revised course, 'Introduction to Design and Manufacturing (ME11102/12102)' in place of existing course, 'Workshop (ME11102/12102)' for B. Tech. first year students.

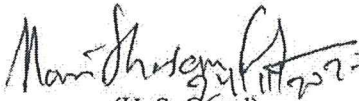
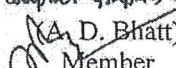
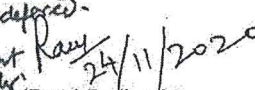
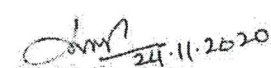
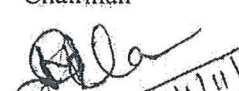
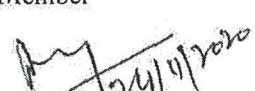
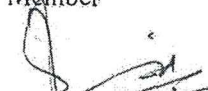
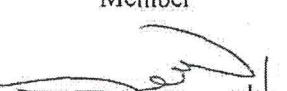
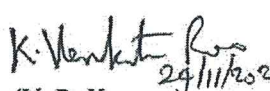

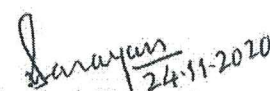
Resolution: A comprehensive discussion was held in the DFAC meeting regarding the above proposed course in place of course, 'Workshop'. After long deliberations, DFAC recommended the proposed course for implementation in the session 2020-21.

Agenda 2: To discuss the proposed revised course of 'Engineering Graphics (ME11101/12101)' for B. Tech. first year students.

Resolution: DFAC discussed the above proposed revised course in details and suggested certain further modifications in the proposed course so that it becomes beneficial to all branches of engineering. After modification as per the suggestions, DFAC recommended it for implementation in the session 2020-21.

The meeting ended with vote of thanks to the Chair.

It was also agreed that the course 'Workshop' will be deferred to next semester and Compulsory Graphics will be taught this semester.

 (H. S. Goyal) Chairman	 (A. D. Bhatt) Member	 (Ravi Prakash) Member	 (K. N. Pandey) Member
 (Mukul Shukla) Member	 (A. K. Dubey) Member	 (Rajeev Srivastava) Member	 (M. K. Khurana) Member
 (V. R. Komma) Invited Member	 (Vandana Agrawal) Invited Member	 (Audhesh Narayan) Convener	

Engineering Graphics (ME-11101/ME12101)
B. Tech. (All Branches) I and II Semester (1L+1T+2P) Credits: 3

Course objective:

Objective of the course to make the students learn methods of orthographic projection and application

Course outcomes:

Students will be able to

1. Understand the principles of engineering drawing.
2. Draw orthographic projections of points, lines and solids
3. Free hand sketching and knowledge of different types of symbols used in engineering drawing in industry.
4. Basic idea of isometric and perspective projection for its use in visualization of an object.

Course Content

1. Introduction to engineering drawing and its importance in real life design and manufacturing. Standards in drawing practice viz. types of lines, lettering, dimensioning, construction of scale etc.. 4
2. Introduction to Modeling Software. 4
3. Orthographic projection of points and lines. 4
4. Orthographic projection with sections in first angle projection method. 8
5. Free hand sketch by hand and AUTOCAD Sketcher tool imparting standard proportion of few useful objects. 8
6. Introduction to perspective and isometric projection. Sketching of some real life simple objects. Do it yourself exercises. 8
7. Orthographic projections drawing / technical drawing of few real life items. 4
8. Elementary idea of how to read an engineering drawing of piping and instrumentation in a process industry or circuit diagram of an electronic and electrical system etc.. 4
9. Project of CAD sketching and 3 D modeling of a product of student's choice. 4

REFERENCES

- Machine Drawing, by K L Narayana et. al., New Age International publishers.
- Machine Drawing includes AutoCAD, by Ajeet Singh, Tata McGraw Hill Publishing Company Ltd.
- Elementary Engineering Drawing, by Bhatt ND Charotar Publishing.
- Engineering Drawing, by M. B. Shah & B. C. Rana Pearson Education India.
- Engineering Drawing, by Jolhe D. A. Tata McGraw Hill Education.
- Reference manuals and study material supplied by course instructors.

Marks Distribution:

Sessional 50 marks
End semester evaluation 50 marks

Mamishota
24/11/2020

Odd Semester 2020-21

ME11102 Introduction to Design and Manufacturing (2L+0T+2P)

Credits: 3

Course Objective: The purpose of this course is to introduce design and manufacturing concepts to the first year undergraduate students. In this subject the concept of engineering design concepts of manufacturing concepts are introduced, during the course, simple hands on engineering design and fabrication projects will be given. At the end of the course students are expected to be cognizant of the role of an engineer in society.

Course Outcome:

Students will be able to

- understand how problems are identified and formulated
- understand the importance of material selection in cost of the product
- learn different manufacturing processes
- understand the need of integrated design and manufacturing for sustainability
- apply design and manufacturing concepts in product/ project realization

Course Content:

Part 1

Introduction of Engineering Design – needs assessment, problem formulation, concept selection modelling, abstraction, synthesis, economic analysis, materials selection and manufacturing processes. Case histories for illustrating the success and failure in engineering design.

(10 Lectures)

Part 2

Concepts of Manufacturing – Casting Processes, Plastics Processing, Metal working Processes, Machining Processes, Fabrication Processes, a glimpse of modern manufacturing processes through different case studies

(10 Lectures)

Part 3 Practical classes related to carpentry, fitting, sheet metal work, forging, machining, welding, casting and plastic moulding

Part 4 Simple hands on projects.

TEXT BOOKS / REFERENCES

Text book(s):

1. Gerard Voland, *Engineering by Design*, 2nd Edition, Pearson, (2004).
2. Karl T. Ulrich, Steven D. Eppinger, Maria C. Yang, *Product Design and Development*, 7th Edition, McGraw Hill (2020)
3. M. P. Grover, *Fundamental of Modern Manufacturing: Materials, Processes and Systems*, 3rd Edition, John Wiley, (2009).
4. Serop Kalpakjian and Steven R. Schmid, *Manufacturing Engineering and Technology*, Seventh Edition, Pearson, (2018)

Marks Distribution

Mid Semester Exam	- 20 Marks
End Semester Exam	- 30 Marks
Teacher's Assessment	- 10 (5 marks attendance + 5 marks performance in class)
Project work - 20 practical	- 20

Mansharor
24/11/2020

Letter No.

Dated: November 20, 2020

Minutes of the DUGC Meeting


A meeting of DUGC with other faculty members of MED was held online using MS Teams platform on November 20, 2020 from 11:00 am onwards. Following DUGC and faculty members attended the meeting:

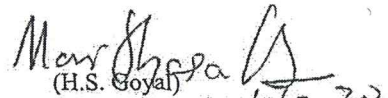
- | | |
|---------------------------------------------|-------------------------------|
| 1. Prof. H.S. Goyal, Head, MED, Chairman | 10. Dr. Pranab Kr. Kundu, MED |
| 2. Dr. Vandana Agrawal, MED, Convener, DUGC | 11. Dr. V.R. Komma, MED |
| 3. Prof. M.K. Khurana, MED, Member | 12. Dr. Samir Saraswati, MED |
| 4. Prof. A.K. Dubey, MED, Member | 13. Dr. Bireswar Pal, MED |
| 5. Dr. S.B. Mishra, MED, Member | 15. Dr. Tej Pratap, MED |
| 6. Prof. Mukul Shukla, MED | 16. Dr. Rahul Dev, MED |
| 7. Prof. Ravi Prakash, MED | 17. Dr. Sunil Kr. Gupta |
| 8. Prof. A. D. Bhatt, MED | 18. Dr. J.N. Gangwar |
| 9. Prof. Rajeev Srivastava | |

Agenda: To discuss the matter of B.Tech. first year courses (Engineering Graphics (ME11101/ME12101) + Workshop (ME11102/ME12102))

Resolution: Dr. Vandana Agrawal and Dr R.K. Patel presented the proposal for Engineering graphics (ME11101/ME12101) and Dr. V.R. Komma presented the proposal for Workshop (ME11102/ME12102) on behalf of the faculties teaching the respective courses. The committee considered the proposals with some modifications and recommended the same for further processing. The modified proposals are enclosed in Annexure-I and Annexure-II


Meeting ended with a vote of thanks to chair.


(Vandana Agrawal)
Convener, DUGC


(H.S. Goyal)
Chairman DUGC 20/11/2020
& Head, MED

Copy to:

1. All DUGC Members
2. Chairman, SUGC and Dean (Academics) for consideration and further necessary action.


(Vandana Agrawal)
Convener, DUGC

Annexure-II

Introduction to Design and Manufacturing (ME-11102/ME12102)

B. Tech. (All Branches) I and II Semester (2L+0T+2P) Credits: 3

Course Objective: The purpose of this course is to introduce design and manufacturing concepts to the first year undergraduate students. In this subject the concept of engineering design concepts of manufacturing concepts are introduced, during the course, simple hands on engineering design and fabrication projects will be given. At the end of the course students are expected to be cognizant of the role of an engineer in society.

Course Outcome:

Students will be able to

- understand how problems are identified and formulated
- understand the importance of material selection in cost of the product
- learn different manufacturing processes
- understand the need of integrated design and manufacturing for sustainability
- apply design and manufacturing concepts in product/ project realization

Course Content:

Part 1

Introduction of Engineering Design – needs assessment, problem formulation, concept selection modelling, abstraction, synthesis, economic analysis, materials selection and manufacturing processes. Case histories for illustrating the success and failure in engineering design. (10

Lectures)

Part 2

Concepts of Manufacturing – Casting Processes, Plastics Processing, Metal working Processes, Machining Processes, Fabrication Processes, a glimpse of modern manufacturing processes through different case studies (10

Lectures)

Part 3 Practical classes related to carpentry, fitting, sheet metal work, forging, machining, welding, casting and plastic moulding

Part 4 Simple hands on projects.

TEXT BOOKS / REFERENCES

Text book(s):

1. Gerard Volland, *Engineering by Design*, 2nd Edition, Pearson, (2004).
2. Karl T. Ulrich, Steven D. Eppinger, Maria C. Yang, *Product Design and Development*, 7th Edition, McGraw Hill (2020)
3. M. P. Grover, *Fundamental of Modern Manufacturing: Materials, Processes and Systems*, 3rd Edition, John Wiley, (2009).
4. Serope Kalpakjian and Steven R. Schmid, *Manufacturing Engineering and Technology*, Seventh Edition, Pearson, (2018)

Marks Distribution

Mid Semester Exam	- 20 Marks
End Semester Exam	- 30 Marks
Teacher's Assessment	- 10 (5 marks attendance + 5 marks performance in class)
Project work	- 20
Practical	- 20

ANNEXURE-II**मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज****MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD, PRAYAGRAJ****ACADEMIC CALENDAR FOR ODD SEMESTER 2020-2021**

Sl. No.	Activity	B.Tech.	MCA
		1 st Sem	1 st Sem
1	Deeksharambh	Dec 05, 2020	Jan 09, 2021
2	Start of Classes	Dec 07, 2020	Jan 11, 2021
3	Notification of First Short Attendance	Jan 08, 2021	Feb 15, 2021
4	Mid Semester Examination	---	Mar 05-14, 2021
5	Mid Semester Break	---	Mar 25-31, 2021
6	Avishkar	---	---
7	Notification of Second Short Attendance	Feb 08, 2021	Apr 01, 2021
8	End of Classes	March 12, 2021	Apr 30, 2021
9	Practical Examination	Mar 06-18, 2021	Apr 26-30, 2021
10	End Semester Examination	Mar 19-24, 2021	May 01-10, 2021
11	M.Tech. /PhD Evaluation	---	---
12	Submission of Grades	April 07, 2021	May 22, 2021
13	Declaration of Results	April 10, 2021	May 29, 2021


31/4/2020



ANNEXURE-II

कार्यालय अधिष्ठाता [शैक्षिक]
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - २११००४ [उ०प्र०] भारत
Office of the Dean [Academic]
Motilal Nehru National Institute of Technology Allahabad
Prayagraj – 211004 [UP] India

Date: 18-12-2020

Minutes of meeting of the Unfair Means Committee held on Friday, December 18, 2020

The meeting of the Unfair Means Committee was held at 11:00 A.M. on Friday, December 18, 2020 in the Office of Dean (Academic) to discuss the cases reported during 'Online (End) Semester Examination' held from November 23, 2020 to December 07, 2020. The following members were present:

- | | |
|---------------------------------------------------|------------------|
| 1. Dean [Academic] | - Chairperson |
| 2. Prof. H.N.Kar [Senate Nominee] | - Senate Nominee |
| 3. Dean [Student Welfare] & Chief Proctor | - Member |
| 4. Head Civil Engineering Department | - Member |
| 5. Head Computer Science & Engineering Department | - Member |
| 6. Head Electronics & Engineering Department | - Member |
| 7. Faculty In Charge [Examination] | - Convener |

The Committee examined all the Exam related cases of the students, reported during 'Online (End) Semester Examination' held from November 23, 2020 to December 07, 2020. In view of the new examination normals in the prevailing pandemic scenario, and limitations in terms of network connectivity and other digital recourses, committee considered the cases of the students sympathetically. **The Committee recommends the following:**

[A] Re-Examination may be conducted for the following cases :

Sl.No	Reg. No. & Name of the Student	Affiliation	Course Name & Course Code	Course Description	Recommendation of Committee
1.	2019CA58 Shivam Sharma	MCA CSED III Semester	Data Base Management System CS33102	Mr. Shivam Sharma (2019CA58) uploaded question paper, instead on Answer Sheet .	Recommended for Re-Examination
2.	2019CA76 Sanjeet Kumar	MCA CSED III Semester	Data Base Management System CS33102	Mr. Sanjeet Kumar (2019CA76) uploaded a zip file, which was found corrupted.	Recommended for Re-Examination
3.	20191075 Mayank Jain	B.Tech CED III Semester	Strength of Material laboratory Examination AM13204	Mr. Mayank Jain (20191075) IInd year B.Tech Civil Engineering student, did not appear in the End Semester Strength of Material laboratory Examination (AM13204) conducted on 23/11/2020 as he was detected COVID positive.	Recommended for Re-Examination
4.	20194184 Ayush Kumar Sinha	B.Tech CSED III Semester	Analog & Digital Electronics EC13106	Mr. Ayush Kumar Sinha (20194184) student of B.Tech Computer Science & Engineering IInd year student, uploaded wrong file as 'Answer Sheet' in the Online Examination.	Recommended for Re-Examination

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18/12/2020

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18-12-2020

[Signature]
18/12/2020

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18/12/2020


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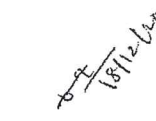
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[B] Committee recommends following guidelines for the Online Re-Examination of the students:

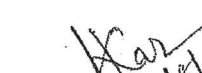
1. Course Instructor, should evaluate and consider only legitimate cases.
2. Cases such as uploading of wrong Answer file, receipt of corrupt Answer file, Covid positive cases, non attachment of the Answer file etc may be considered for Re-Examination. Decision regarding Re-Examination may be taken by a Departmental Committee, consisting of Course Instructor, Convener DUGC/ DMPC/ DDPc and the Head of Department.
3. Information about the Re-Examination along with Exam Schedule should be provided to Dean (Academic).
4. At the time of grade entry, both the Question papers [Regular Exam+ Re-Exam] in merged form, should be uploaded on **Tab_fin portal**.
5. Hard copy of the attendance of Re-Examination has to be submitted along with the Regular Examination attendance sheet, at the time of grade submission.

Meeting ended with thanks to Chair



18/12/2020
Head CSED


18/12/2020
Head ECED


18/12/2020
Head CED

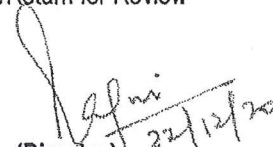

18/12/2020
Prof. H.N. Kar
(Senate Nominee)


18.12.2020
Dean Student Welfare & Chief Proctor


18/12/2020
F.I. [Examination]
Convener


18/12/2020
Dean [Academic]

Approved/Return for Review


22/12/2020
(Director)



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
 प्रयागराज - २११००४ (उ०प्र०) भारत
 Motilal Nehru National Institute of Technology Allahabad
 Prayagraj - 211004 (UP) INDIA

Minutes of the meeting of the Senate Under Graduate Programme Committee held on 11th January 2021 [Monday] at 11.00 am via MS Teams platform.

Members present.

1. Chairman SUGC, Prof. Paulson Samuel
2. Convener DUGC AMD
3. Convener DUGC CED
4. Convener DUGC Chemical Engg. Deptt.
5. Convener DUGC Chemistry Deptt.
6. Convener DUGC CSED
7. Convener DUGC ECED
8. Convener DUGC GIS Cell
9. Convener DUGC HSS
10. Convener DUGC Physics Deptt.
11. Convener DUGC SMS.
12. Nominee of Senate Prof. A.D. Bhatt
13. Nominee of Senate Prof. V. K. Srivastava
14. Chairman SMPC, Prof. R. K. Nagaria
15. Outgoing Chairperson SUGC Prof. Shubhi Purwar
16. Head EED, Special Invitee

The committee considered the following agenda items from four departments i.e., Chemical Engineering, CSED, EED and MED.

1. EED – via letter no. 953/EED/2020 dated 23/12/2020

Item No. DUGC/2020/05-02: Request of Mr. Deepak Kumar (20155048), a student of B.Tech. Electrical Engineering.

The student was allowed to register in 7th semester with subjects as recommended by SUGC vide its minutes dated 14/10/2020 and approved by Senate in its 68th meeting dated 28/10/2021. However, the student says that he could not register for the 7th semester as the information was received very late by him. The student now requests semester leave for 7th semester which has ended in December 2020 and registration in 8th semester as previously allowed by the Senate.

Decision: The SUGC recommends that he be allowed to avail semester leave for the 7th semester in Odd semester of 2020-21 and be allowed to register in the 8th semester during even semester of 2020-21 with the subjects as approved in the minutes of the 68th Senate meeting.

2. Chemical Engineering- Request of Mr. Ashutosh Ghoshal (Reg no. 20179011) to avail semester leave for the odd semester of 2020-21.

The student was on semester leave for VIth semester due to health reasons and did not register in the odd semester of 2020-21 session as he had already cleared his Vth Semester.

Decision: The SUGC recommends that the student be allowed semester leave for the odd semester 2020-21 (which ended in December 2020).

3. CSED – Request of Mr. Vivek Meena (Reg 20194105) student of B.Tech. III Sem CS for semester leave in the odd semester and even semester of academic session 2020-21 in view of the pandemic and his inability to have internet connectivity and request to allow him to register afresh for 3rd semester in 2021-22 session.

The student has registered in the 3rd semester and has not appeared for the end semester examinations.

Decision: The SUGC deliberated on the matter and agreed to recommend the matter for semester leave to the Senate.

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मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - २११००४ (उ०प्र०) भारत
Motilal Nehru National Institute of Technology Allahabad
Prayagraj - 211004 (UP) INDIA

4. CSED – Proposal for merging the B.Tech. in Computer Science and Engineering (CSE) and B.Tech. in Information Technology (IT) branches into one branch i.e., B.Tech. in Computer Science and Engineering (CSE) in view of employment opportunities as well administrative ease by merging the two engineering branches.

Both the engineering branches are being offered by CSED department with a combined intake of 315 students. The department will not face any new challenges with this arrangement as the students are being taught in five groups even now which will continue after the merger.

Decision: The SUGC recommends that the two engineering branches being offered by CSED be merged into CSE branch and the existing syllabus of B.Tech. in Computer Science and Engineering shall apply to this merged branch.

5. MED – Request of Ms. Anushka Ranjan (Reg no. 20193048) student of B.Tech. in Mechanical Engineering to register again in B.Tech. in 1st semester as she had E grades in four subjects.

Decision: The SUGC allowed her to register in the first semester with the four subjects as requested by her.

The meeting ended with thanks to the Chair.

R. Singh
11.1.2021
Convener DUGC
AMD

R. Singh
Convener DUGC
CED

Anushka Ranjan
Convener DUGC
Chem. Engg. Deptt.

D.R.
Convener DUGC
Chemistry Deptt.
CSED

Convener DUGC
ECED

Sonam
Convener DUGC
GIS Cell

Jyotsna S
Convener DUGC
HSS

Ravi Prakash
11.1.2021
Convener DUGC
Physics Deptt.

P. Paulson Samuel
11/1/2021
Convener DUGC
SMS

Shubhi Purwar
(Prof. Shubhi Purwar)
Outgoing Chair SUGC

R. K. Nagaria
(Prof. R. K. Nagaria)
Chairman SMPC

V. K. Srivastava
(Prof. V. K. Srivastava)
Senate Nominee

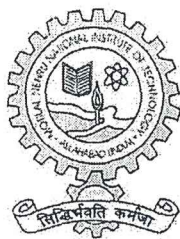
A. D. Bhatt
11.1.2021
(Prof. A. D. Bhatt)
Senate Nominee

P. Paulson Samuel
11/1/21
(Prof. Paulson Samuel)
Chairman SUGC

Approved

Ravi
15/01/21

*Copy to EES, Chemical, CSED
and MED
Common field
19/1/21*



विद्या परिषद् डॉक्टरल कार्यक्रम समिति
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - २११००४, उ०प्र०, भारत
Senate Doctoral Programme Committee
Motilal Nehru National Institute of Technology Allahabad
Prayagraj - 211004 [UP] India

Minutes of the meeting of SDPC

A meeting of the Senate Doctoral Programme Committee [SDPC] was held on December, 7, 2020 at 17.00 PM in online mode using MS Team. Following members were present:

- | | | |
|-----------------------------|----|--------------------------------------|
| 1. Prof. Sadhana Sachan | -- | Convener, DDPC, Chemical Engineering |
| 2. Prof. R. M. Singh | -- | Convener, DDPC, CED |
| 3. Prof. S. S. Narvi | -- | Convener, DDPC, Chemistry |
| 4. Dr. Ramji Dwivedi | -- | Convener, DDPC, GIS Cell |
| 5. Dr. Sameer Srashwati | -- | Convener, DDPC, MED |
| 6. Dr. Mitu Mandal | -- | Convener, DDPC, HSS |
| 7. Dr. Ashotosh Mani | -- | Convener, DDPC, Biotechnology |
| 8. Dr. Animesh Ojha | -- | Convener, DDPC, Physics |
| 9. Prof. R. P. Tiwari | -- | Convener, DDPC, AMD |
| 10. Dr. Manish Tiwari | -- | Convener, DDPC, ECED |
| 11. Prof. R. S. Yadav, CSED | -- | Outgoing Chairman SDPC |
| 12. Prof. A. K. Sachan | -- | Chairman, SDPC |

Following members could not attend the meeting

- | | | |
|---------------------------|----|-----------------------|
| 1. Prof. Nand Kishor | -- | Convener, DDPC, EED |
| 2. Prof. Neeraj Tyagi | -- | Nominee of the Senate |
| 3. Prof. Vinay Shrivastav | -- | Nominee of the Senate |
| 4. Prof. R.K Nagaria | -- | Chairman, SMPC |

Following were the resolutions of the meeting

- The Committee discussed the requests of Mr. Saurabh Kumar (2015 RCE52), regarding three months extension for submission of his Ph.D. thesis as they could not submit the thesis within specified period after delivering the open seminar. The committee approves the same.
- The committee discussed the request of Mr Vipin Kumar (2018RAM04) regarding inclusion of Dr. Anubhav Rawat, Assistant Professor, MNNIT Allahabad as additional supervisor for his PhD programme. The committee recommends the same.

Handwritten signatures and initials are present at the bottom of the page, including names like 'R. S. Yadav', 'A. K. Sachan', 'S. S. Narvi', 'R. M. Singh', 'N. Kishor', 'N. Tyagi', 'V. Shrivastav', 'R. K. Nagaria', and 'A. K. Sachan'.

3. The Committee discussed the requests of Mr Abdul Aleem (2017RCS6) regarding conversion of his admission from regular to part time. He has delivered his open seminar on 14-10-2020 and completed residential requirement as per clause(7.1). The committee recommends the same.
4. The Committee discussed the requests of Mr Brajesh Kumar Umrao (2015RCS13) regarding conversion of his admission from regular to part time. He has delivered his comprehensive examination as well as state of art seminar and completed residential requirement as per clause(7.1). The committee recommends the same.
5. The committee discussed the request of Mr Antarim Dutta (2018RCL01) regarding inclusion of Dr. M. Siraj Alam, Associate Professor, MNNIT Allahabad as additional supervisor for his PhD programme. The committee recommends the same.
6. The committee discussed the request of Ms Bushra Khatoon (2018RCL03) regarding inclusion of Dr. Sabih Ul Hasan, Assistant Professor, MNNIT Allahabad as additional supervisor for his PhD programme. The committee recommends the same
7. The Committee discussed the requests of Mr. Sudhir Kumar Singh (2018 RAM08),Mr Ajay Kumar Verma (2019RMS03) and Mr Vishnu Kumar (2018RMS02), regarding withdrawal of their candidature from Ph.D. program , SDPC chairman apprised the members that , our ordinances are silent about this. DDPC of respective department informed the committee members that, they have persuaded respective students but they are not willing to continue further so all the members after discussion resolved to recommends the same.

Meeting ended with vote of thanks to the chair.

[Signature]
07/12/2020
[Convener, DDPC]
AMD

[Signature]
07/12/2020
[Convener, DDPC]
Biotechnology

[Signature]
07/12/2020
[Convener, DDPC]
GIS Cell

[Signature]
07/12/2020
[Convener, DDPC]
CED

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07/12/2020
[Convener, DDPC]
ECED

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07/12/2020
[Convener, DDPC]
Chemical Engg

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MED

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HSS

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07/12/2020
[Convener, DDPC]
Chemistry.

[Signature]
07/12/2020
[Convener, DDPC]
Physics

[Signature]
[R. S. Yadav]
Outgoing Chairperson, SDPC

[Signature]
07/12/2020
[A.K.Sachan]
Chairman, SDPC

Chairman senate
Approval may please
be granted for item
no 2, 3, 4, 5, 6, 7
[Signature]
24/12/2020

Except 07. all other approved.
[Signature]
24/12/2020



विद्या परिषद् डॉक्टरल कार्यक्रम समिति
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - २११००४, उ०प्र०, भारत
Senate Doctoral Programme Committee
Motilal Nehru National Institute of Technology Allahabad
Prayagraj - 211004 [UP] India

Minutes of the meeting of SDPC

A meeting of the Senate Doctoral Programme Committee [SDPC] was held on October 26, 2020 at 16.00 PM in online mode using MS Team. Following members were present:

- | | | |
|----------------------------------|----|----------------------------------------------|
| 1. Prof. D. K. Yadav | -- | Convener, DDPC, CSED |
| 2. Dr M. Siraz Alam | -- | Convener, DDPC, Chemical Engineering (Off.) |
| 3. Prof. R. M. Singh | -- | Convener, DDPC, CED |
| 4. Prof. S. S. Narvi | -- | Convener, DDPC, Chemistry |
| 5. Dr. Manohar Yadav | -- | Convener, DDPC, GIS Cell (Off.) |
| 6. Dr. Sameer Srashwati | -- | Convener, DDPC, MED |
| 7. Dr. Mitu Mandal | -- | Convener, DDPC, HSS |
| 8. Dr. Ashotosh Mani | -- | Convener, DDPC, Biotechnology |
| 9. Dr. Naresh Kumar | -- | Convener, DDPC, Physics |
| 10. Prof. R. P. Tiwari | -- | Convener, DDPC, AMD |
| 11. Prof. Nand Kishor | -- | Convener, DDPC, EED |
| 12. Prof. V. K. Srivastava, ECED | -- | Nominee of the Senate |
| 13. Prof. R. S. Yadav, CSED | -- | Outgoing Chairman SDPC |
| 14. Prof. A. K. Sachan | -- | Chairman, SDPC |

Following members could not attend the meeting

- | | | |
|-----------------------|----|-----------------------|
| 1. Prof. Neeraj Tyagi | -- | Nominee of the Senate |
| 2. Prof. R K Nagaria | -- | Chairman , SMPC |
| 3. Dr. Manish Tiwari | -- | Convener, DDPC, ECED |

Following were the resolutions of the meeting

1. The Committee discussed the requests of Mr. Rohit (2010 RCS53) , Ms Prabha Bhartiya (2015 RCH03) , Mr Dhaval Mehta (2016 RGI05) , Mr Prashant Kumar (2013 RCE53) regarding three months extension for submission of his Ph.D. thesis as they could not submit the thesis within specified period after delivering the open seminar. The committee approves the same.

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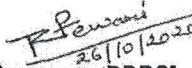
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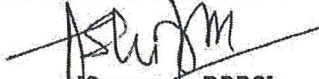
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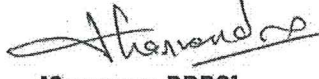
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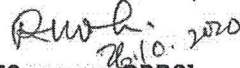
2. The committee discussed the request of Ms Padmaja Rai (2018RBT51) regarding inclusion of Dr. Durgesh Tripathi, Assistant Professor, Amity Institute of Organic Agriculture, Amity University , Noida as co-supervisor for his PhD programme. The committee recommends the same.
3. The Committee discussed the requests of Mr. Ashish Raina (2016RCH03) regarding conversion of his admission from regular to part time. He has delivered the state of art seminar on 18-05-2018 and completed residential requirement as per clause(7.1). The committee recommends the same.
4. The committee discussed the request of Mr Gaurav Singh (2017RCE13) regarding inclusion of Prof. V. K. Paul, Assistant Professor, BEM, SPA, New Delhi as co-supervisor for his PhD programme. The committee recommends the same.
5. The Committee discussed the request of Mr. Shyam Bihari Kaushal (2014 RME02) regarding extension of his Ph.D. program by one semester, 2020-21(odd semester) and resolved to recommends the same.
6. The Committee discussed the request of Mr. Rohit (2010 RCS53), regarding extension of his Ph.D. program by further six month starting from January 2021, and resolved to recommends the same.

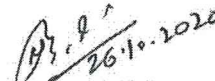
Meeting ended with vote of thanks to the chair.

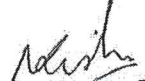

[Convener, DDPC]
AMD

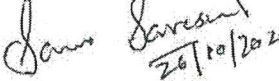

[Convener, DDPC]
Biotechnology

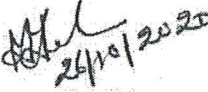

[Convener, DDPC]
CSED

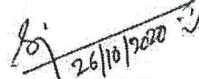

[Convener, DDPC]
CED

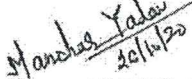

[Convener, DDPC]
Physics

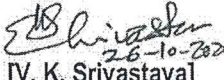

[Convener, DDPC] 26/10/20
EED



[Convener, DDPC]
MED

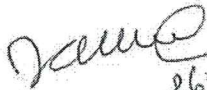

[Convener, DDPC]
HSS

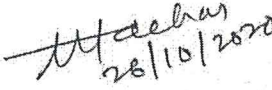

[Convener, DDPC]
Chemical Engg.


[Convener, DDPC] [offg]
GIS Cell

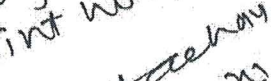

[V. K. Srivastava]
Nominee of Senate

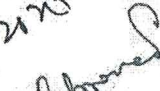

[Convener, DDPC]
Chemistry


[R. S. Yadav] 26/10/2020
Outgoing Chairperson, SDPC


[A.K.Sachan]
Chairman, SDPC

Director sir
approval may kindly be
granted for point no 2, 3, 4, 5, and 6.


20/11/2020


20/11/20

ANNEXURE-VI

Doan Academic



यांत्रिकी अभियंत्रण विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज - २११००४ (भारत)

MECHANICAL ENGINEERING DEPARTMENT
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004 (INDIA)

Director's Office
Received by
GOI... 29/12
Date... 29.12.2020

Received
on Dated 31/12/2020
Time 3:05 PM
Dm (A. A.)

No. 3254/MED/F-121/20

Dated: 08.12.2020

Chairman (Senate)

Through: Proper Channel

Recommended for your
consideration and direction
as special case in light of
examination. 09/12/20

Subject: Introduction of new electives courses for M. Tech. Programmes in MED during session 2020-21 in the light of BOAC minutes & approval for the new M Tech course structure recommended by BOAC.

Sir,

This is to bring to your kind notice that a Letter No. 2817/MED/F.N-33A/2020 dated 18/08/2020 was sent to Chairman (SMPC) for modification in course code and addition of three elective courses in the M. Tech. curriculum of MED.

As per the comments received from Chairman SMPC, we are now resubmitting the detailed response for your kind perusal and necessary approval.

Changes in the M Tech elective subjects were made in the light of the recommendations of the board of academics for various M Tech programmes of MED held during February 2020. (Minutes of the BOAC are attached). The matter could not proceed ahead for necessary approval because of the COVID 19 situation.

The courses, as suggested by the BOAC have been floated during the current semester and now the semester is about to close and the course code numbers are to be allotted to these courses.

For the time being kindly allow the necessary approval for the following elective courses which are running in the present semester and already recommended in the BOAC minutes. Details of the course are as follows:

Programme	Course Code	Course name	Changes recommended
M. Tech. Mechanical Engineering (Production Engineering)	ME21346	Logistics and Supply Chain Management	This course exists in the present course structure in the II (Even) semester with code ME22346, the committee recommends to shift in the first (ODD) semester with code ME21346.
M. Tech. Mechanical Engineering (Design Engineering)	ME21310	Design Against Fatigue and Fracture	This course exists in the present course structure in the II (Even) semester with code ME22310, the committee recommends to shift it in the first (ODD) semester with code ME21310.
M. Tech. Mechanical Engineering (Thermal Engineering)	ME21370	Advanced Thermodynamics	This is a new course proposed to be added the first (ODD) semester with code ME21370. The committee recommends to add this course in the First semester as this course is important and is useful to the students.

Man

1/2

Kindly also approve the minutes of the BOAC so that the new M Tech Course structure may be implemented in full form with effect from the academic session 2021-22. (Minutes attached). This new course curriculum for the five M Tech programmes of MED will also facilitate in the NBA accreditation process as well.

Submitted for your kind consideration and necessary approval please.

Mani Mohan
Dr H S Goyal
Head MED 08/12/20

- Encl.: i) Comments received from chairman SMPC
ii) Minutes of DMPC meeting
iii) Minutes of Board of Academic Studies meetings for the five M Tech programmes of MED.

+ approved as it is an urgent issue related to exam.
+ Head may be advised that any change should not be implemented before the approval of Senate
+ It should be referred to Senate for ratification.

Rajni
10/12/20

F.I. (Exam)

Pl issue a course code numbers *Rajni*
12/12

A.R. (Acad)

For inclusion as senate agenda item *Rajni*
12/12

Head, MED.

For information as expressed above in the approval of Director. *Rajni*
12/12