Proceeding of the Meeting of Board of Studies -School of Design held on 04-07-2023 at 03:00 PM.

Meeting of the School of Design, Board of Studies to revise the syllabus of the B. Des in the School of Design and other academic related issues held today on 04-07-2023". Following members were present:

1	Prof. Shilpa Ranade, Professor 11T Bombay (Attended Online)	External Expert
2	Mr. Anuj Prasad, CEO, Desmania, New Delhi (Attended Online)	Industry Expert
3	Prof. Amar Raj Singh, Professor Distance learning, Shoolini University (Attended Online)	External Expert
4	Tanvir Sethi, B.Des, Student	Student Member
5	Aryan Kumar, B. Des, Student	Student Member
6	Dr. Sashank Thapa, Assistant Professor, School of Design, Shoolini University	Member Secretary
7	Prof. Amit Ray, Dean, School of Design, Shoolini University	Chair

At the outset, Member Secretary welcomed all the members for attending the meeting of School Academic Committee. Thereafter, The Agenda items were taken up for discussion.

Discussion and decisions are as under:

1. First Board of Studies meeting took place on 04/07/2023 at 3 PM through online mode.
2. Following experts attended the meeting

- Prof. Shilpa Ranade, Professor 11T Bombay   External Expert
- Mr. Anuj Prasad, CEO, Desmania, New Delhi   Industry Expert
- Prof. Amar Raj Singh, Professor Distance learning, Shoolini University   External Expert
- Tanvir Sethi, B.Des, Student   Student Member
- Aryan Kumar, B. Des, Student   Student Member
- Dr. Sashank Thapa, Assistant Professor, School of Design, Shoolini University   Member Secretary
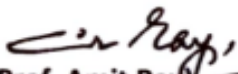- Prof. Amit Ray, Dean, School of Design, Shoolini University   Chair

3. Sashank Thapa presented the 4 year B. Des Program 2022-26.
4. <u>No Change made in First year curriculum.</u>

   The courses that were offered:

Principles of Design	CSU929
Elements of Design	CSU925
Intro. to Creativity in Design	CSU926
Freehand Sketching & Rendering	CSU927
Intro. to Solid Geometry Drawing- Perspective	CSU928
Introduction to Visual Communication- I (Animation)	CSU930
Materials & Process – I	CSU931
Introduction to Product Design	CSU932
Basic Electronics & Software (Studio)	CSU933

5. Fifth semester will be offered as Summer Internship. The Committee accepted the new proposal to vacate the 5 th semester courses for the Summer Internship.
6. The fifth semester courses shifted to other semesters. The revised courses are highlighted in the new scheme.
7. An important advice by Mr. Anuj Prasad was to include 8th semester as Industrial Project Research (Graduate Project).
8. Having Graduate Project along with Industry may create major impact on Placements after Graduation. Considering this fact, the committee members accepted the proposal.
9. As Design Program all around the country is considered as professional program, all the members agreed the 8th semester Thesis Project to be named as 'Industry Research Project'.

The Meeting concluded with thanks. The Changes of courses are incorporated in the Program.

Sashank Thapa
04/07/23

(Dr. Sashank Thapa)

Member Secretary

(Prof. Amit Ray) 5/4/23

Chair

Ref No'. SCE/2022/117

Dated: 01/06/2022

Subject: Meeting of Board of studies of the School of Core Engineering- Notice Thereof
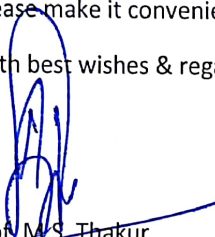
Dear Sir/ Madam,

The meeting of the board of studies in the Shoolini university- School of Core Engineering is scheduled to be held on 10/06/2022 at 02:00 PM at Shoolini University Campus

Tentative Agenda:

I   Welcome of Members.

II   Discussion regarding new/revised course schedule.

III   Any other matter with the Approval of Chairman.

Please make it convenient to attend the meeting on due date and time

With best wishes & regards,

Prof. M.S. Thakur

Member Secretary

copy to:

1. Dean, Academic Affairs, Shoolini University, Solan
2. Dean, Engineering & Technology, Shoolini university, Solan
3. All Professor, Associate Professors, and Assistant Professor of School
4. External members

Proceeding of the Meeting of Board of Studies -School of Core Engineering held on 10-06-2022 at 02:00 PM.

Meeting of the Board of studies to revise the syllabuses of the School of Core Engineering in the Faculty· of Engineering & Technology and other academic related issues held today on 10-06-2022". Following members were present:

1	Prof. (Dr.) Virender Rihani Professor and Dean Engineering	Chairman
2	Dr. Bhaskar Goel, Professor and Head	Member
3	Prof. M.S. Thakur	Member Secretary
4	Dr. D. K. Aggrawal, Ex Professor PEC Chandigarh	External Expert
5	Prof. Sanjay Sharma, Professor, NITTTR Chandigarh	External Expert
6	Dr. Sita Ram Bhardwaj, Assistant Professor, Hydro Engineering College, Bilaspur (HP)	External Expert
6	Mr. Harnam Thakur, General Manager, Milestone Parwanoo(HP)	Industrial Expert
7	Dr. Robin Thakur, Associate Professor	Member
8	Dr. Raj Kumar, Associate Professor	Member
9	Dr. R.K Saini, Associate Professor	Member
10	Dr. Ashwani Sharma, Assistant Professor	Member
11	Dr. Navsal Kumar, Assistant Professor	Member
12	Dr. Arunava Poddar, Assistant Professor	Member
13	Veena Kashyap, Assistant Professor	Member
14	Sorabh Aggarwal, Assistant Professor	Member
15	Dr. Nitin Kumar, Assistant Professor	Member
16	Nitisha Sharma, Assistant Professor	Member
17.	Ritika Rana, B. Tech Mechanical, Student	Member
18.	Vinay Thakur, PhD Student	Member
19.	Deepanshu Bhatia, B. Tech Civil, Student	Member
20.	Arun, B.Tech Electrical, Student	Member

At the outset, Member Secretary welcomed all the members for attending the meeting at the School Academic Committee. Thereafter, The Agenda items were taken up for discussion.

Discussion and decisions are as under:

Item No1: To Propose new schemes and courses as follow:

- B. Tech Civil Engineering with Artificial Intelligence & Geoinformatics (Annexure).
- New courses have been added (Annexure).

Item No2: The internship for B. Tech Mechanical, Civil, Electrical, Electronics, Automobile and Mechatronics has been shifted at the end of 5th semester instead of 6th semester for old batch students of 2021-25 and 2020-24 batch. New Batch from 2022-26 will have internship according to new education policy (NEP).

Item No 3: Modification in M. Tech. Civil Engineering course structure: It has been proposed to modify the existing course structure of M. Tech. Civil Engineering to account for different specializations in the branch. Separate scheme will be followed for each specialization – Structural, Environmental, Geotechnical, Water Resources, and Transportation Engineering

Item No 4: To Revise the scheme of B. Tech Mechanical, Civil, Automobile, Mechatronics, Electrical and Electronics according to NEP.
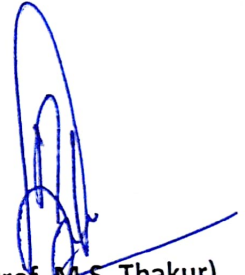
The committee authorized the same for implementation from the current session after observing the usual procedure and formalities.

The meeting ended with vote of thanks to the chair.

(Prof. M.S. Thakur)

Member Secretary

(Prof. Virender Rihani)

Chairman

ANNEXURE

BOARD OF STUDIES – SCHOOL OF CORE ENGINEERING

Following courses have been introduced for the academic session 2022-2023 in the undergraduate, postgraduate and doctorate programmes of Civil, Mechanical, Electrical and Electronics engineering.

S. No.	Programme	Course Name	Course Code
1.	B. Tech. Civil Engineering	Basics of Civil Engineering	CSU1007
2.	B. Tech. Civil Engineering	Remote sensing and Image	CSU1247
3.	B. Tech. Civil Engineering	Geographical Information System	CSU1249
4.	B. Tech. Civil Engineering	Photogrammetry and Photo interpretation	CSU1400
5.	B. Tech. Civil Engineering	Drone and UAV Remote sensing	CSU1402
6.	B. Tech. Civil Engineering	Geospatial Analysis with Python	CSU1406
7.	B. Tech. Civil Engineering	Digital Photogrammetry	CSU1410
8.	B. Tech. Civil Engineering	Open sources GIS & Web Mapping	CSU1411
9.	B. Tech. Civil Engineering	Geoinformatics for Watershed Management	CSU1412
10.	B. Tech. Civil Engineering	Air borne & Terrestrial LiDAR	CSU1413
11.	B. Tech. Civil Engineering	GIS for Transportation Engineering	CSU1414
12.	B. Tech. Civil Engineering	Cloud based Geospatial Analysis	CSU1415
13.	B. Tech. Civil Engineering	Geodesy and GPS	CSU1416
14.	B. Tech. Civil Engineering	Geoinformatics for Environmental Monitoring	CSU1417
15.	M. Tech. Civil Engineering	Remote Sensing and Geographical Information Systems	CSU1250
16.	M. Tech. Civil Engineering	Optimization Methods	CSU1251
17.	M. Tech. Civil Engineering	Artificial Intelligence in Civil Engineering	CSU1252
18.	M. Tech. Civil Engineering	Advanced Wastewater Treatment	CSU1008
19.	M. Tech. Civil Engineering	Advanced Fluid Mechanics	CSU1253
20.	M. Tech. Civil Engineering	Traffic Engineering and Transportation Planning	CSU1254
21.	M. Tech. Civil Engineering	Advanced Soil Mechanics	CSU1255
22.	M. Tech. Civil Engineering	Environmental Hydrology	CSU1009
23.	M. Tech. Civil Engineering	Advanced Hydrology	CSU1256
24.	M. Tech. Civil Engineering	Advanced Water Treatment	CSU1010
25.	M. Tech. Civil Engineering	Water Resources Planning and Management	CSU1259
26.	M. Tech. Civil Engineering	Soil Dynamics	CSU1261
27.	M. Tech. Civil Engineering	Air and Noise Pollution Control Engineering	CSU1262
28.	M. Tech. Civil Engineering	Groundwater Engineering	CSU1263
29.	M. Tech. Civil Engineering	Urban Transportation Systems Planning	CSU1264
30.	M. Tech. Civil Engineering	Explorations and Field Testing	CSU1265
31.	M. Tech. Civil Engineering	Advanced Hydraulics	CSU1266

32.	M. Tech. Civil Engineering	Geometric Design of Transport Facilities	CSU1267
33.	M. Tech. Civil Engineering	Machine Foundation	CSU1268
34.	M. Tech. Civil Engineering	Environmental Impact Assessment	CSU1269
35.	M. Tech. Civil Engineering	Disaster Management	CSU1270
36.	M. Tech. Civil Engineering	River Mechanics and Sediment Transport	CSU1271
37.	M. Tech. Civil Engineering	Climate Change	CSU1272
38.	M. Tech. Civil Engineering	Design of Airport and Waterways	CSU1273
39.	M. Tech. Civil Engineering	Geoinformatics in Transportation Engineering	CSU1274
40.	M. Tech. Civil Engineering	Geo-Environmental Engineering	CSU1275
41.	M. Tech. Civil Engineering	Ground Improvement Techniques	CSU1276
42.	B. Tech. Civil Engineering	Sustainable Water Supply Management	CSU1173
43.	B. Tech. Civil Engineering	Environmental Hydrology and Irrigation Systems	CSU1098
44.	B. Tech. Civil Engineering	Airport Management and Tunnel Construction	CSU1050
45.	B. Tech. Civil Engineering	Aptitude Development-VII	CSU726
46.	B. Tech. Civil Engineering	Sustainable Case Studies in Civil Engineering	CSU1171
47.	B. Tech. Civil Engineering	Python Application Programming	CSU1162
48.	B. Tech. Civil Engineering	English Grammar for Employability	AIC21GE24
49.	B. Tech. Civil Engineering	Offshore Structures	CSU1153
50.	M Tech ECE	Mobile Communication & MIMO System	EC-506
51.	M Tech ECE	Photonic Network	EC-507
52.	M Tech ECE	Modern Communication System	EC-508
53.	M Tech ECE	IC design using VLSI	EC-510
54.	M Tech ECE	Experimenting with MATLAB	EC-503(P)
55.	PhD ECE	Advanced Optical Communication	CSU1280
56.	PhD ECE	Understanding Research Methods	CSU530
57.	B Tech Electrical Engineering	Dynamic and Static Machines-I	CSU1181
58.	B Tech Electrical Engineering	Network analysis & Synthesis	CSU1146
59.	B Tech Electrical Engineering	Aptitude Development -III	CSU723
60.	B Tech Electrical Engineering	English Grammar for Employability	AIC21GE24
61.	B Tech Electrical Engineering	Current Applications of AI	CSU306