UNIVERSITY OF PETROLEUM & ENERGY STUDIES



(ISO 9001:2008 Certified)

Feedback Mechanism - Curriculum

(Collection, Analysis & Action Taken)

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FEEDBACK PROCESS ON CURRICULUM DESIGN & DEVELOPMENT

Students and faculty members give their feedback during Department consultative committee meeting about the curriculum and syllabus of the courses. Also, feedback about the curriculum is obtained from recruiters during their visit for recruitments and from the alumni during alumni chapter meetings or through online or during the visit to the campus. Received inputs are qualitatively analyzed and the actions are taken against such valuable inputs after discussion in Department consultative committee meetings. At the end of every semester, faculty members provide their input on the course. Those inputs are considered as feedback inputs during program revision.

Feedback Process in Curriculum Development

Collection of feedback on curriculum from Stakeholders

Qualitative analysis of feedback inputs from Stakeholders

Revision in curricula based on analysis and projection of action taken report in DCC/IQAC/BOS/AC for approval



Every Department conducts the Department Consultative Committee (DCC) meeting once in a year to review the syllabus of existing programs and also for framing the syllabus of new programs to be introduced. Departmental Consultative Committee comprises of the following members:

- Faculty members from the department
- Eminent academicians from the institutions of National and International repute like IIT's, IIM's, NIT, etc.
- Domain experts from industries,
- Student representative and Alumni.

All the members of DCC used to provide their valuable inputs during the meeting itself.

(Dr. Veena Dutta) Registrar

FEEDBACK FORMATS



Program Evaluation by Faculty Member

Name of the Dept:	Name of the Program:

Name of the Faculty: Faculty ID:

Sl.No	Description	1	2	3	4	5	If less than 3 kindly provide suggestions
<u>1</u>	How do you rate the distribution of courses in different semester of the program						
2	The program offers sufficient elective courses as choice to the students						
<mark>3</mark>	Courses in the program enhances employability of the students						
<mark>4</mark>	How do you rate the credit distribution among the course in the program						
<mark>5</mark>	Courses in the program are structured to provide enough conceptual foundation for the students						
6.	Sufficient number of books are available in the library and as per the need I could indent more reference books. I have been given freedom to enhance the number of both text and reference books.						
7.	I have freedom to propose/modify/incorporate/suggest the new topics in the curriculum.						
8.	I have- academic freedom to adopt new and innovative pedagogical tools.						
9.	University promotes conducive environment to pursue research						
10.	I have many opportunities and financial support to participate in faculty development activities in supporting the professional development of faculty.						

Suggestions for the improvement :



Program Evaluation By Student

Name of the Dept:	Name of the Student:
Name of the Program:	Batch:

SI.No	Description	1	2	3	4	5	If score for any parameter less than 3 please provide suggestions for Improvement
<mark>1</mark>	There is adequate coverage of the courses throughout the program						
<mark>2</mark>	Courses I study provide me employability skills						
3	Courses provide enough conceptual understanding of the areas concerned						
<mark>4</mark>	Courses are designed to enhance analytical abilities						
5	Courses in the program provide for adequate participative learning / design content						
<mark>6</mark>	Courses in the program provide relevant study material in terms of text and reference books						
7	Overall Rating of the courses in the program						
8	Learning resources are adequately available in both library & labs						
9	Relevant online resources are available and accessible from remote locations.						
10	There are processes for redressal of grievances throughout the student life cycle						
11	Teaching in puts in general are of very high quality						
12	The Student placement representative system involves students in placement process and is helpful						

Suggestions for improvements:

(Signature)

Format No. QSP/7.5.1/02.F05 Issue No. 01: Dated July 12, 2013



UNIVERSITY OF PETROLEUM & ENERGY STUDIES COMPANY FEEDBACK FORM

Name	of the Organization:			
Name	of the Official:	Email:		
Desig	nation:	Contact No.:		
<u>Camp</u>	us Interview held on:			
1.	Please rate the students' performance in the apt	titude test on a scale of 1 to 10	()
2.	Please rate the students' domain knowledge or	n a scale of 1 to 10	()
3.	Please rate the students' communication skills	on a scale of 1 to 10	()
4.	Please rate the students' personality on a scale	of 1 to 10	()
5.	Any other parameters you were specifically test	ing the students on:		
	(a)			
	(b)			
<mark>Feedb</mark>	ack relating to course curriculum:			
	1. How relevant is the course(s) being taught a	t UPES to your line of business		
	2. Please suggest any changes / addition / dele	tion / modifications you would	like	to be
	incorporated in the course curriculum			
Signa	ture of the Official:	Signature of the CSO:		
Dated	l:			

ACADEMIC ACTION REPORT

Action(s) taken/initiated by Acader	nics:	
Dept. Name-	_	
Date:	_	
1.		
2.		
3.		
4.		
5.		
Additions/Deletions/Modifications	/Improvements Sugge	ested:
1.		
2.		
3.		
		-
Faculty/PIC Signature	HOD	College Director
Feedback given back to the compan	y:	



ALUMNI INFORMATION FORM

Name	Course
Batch	Current Company
Designation	Location
Past Companies	
Phone	Email
unforgettable experiences of yours to resurface. Sin the testimonial section of the university websit	e memory lane will allow several joyous, fun-filled and Share them with us and a get a chance to be featured e.
SUCCESS STORY We are confident that after stepping out of the postory for yourselves. We will be honored to hear a	ortals of UPES, each one of you have carved a success and will be excited to share it the university website
ANY SUGGESTIONS	
Signature	Location

Action Taken Report Approval in BOS &

IQAC



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Date: May 28,2019

MINUTES OF IQAC MEETING HELD ON May 28,2019 at 11.00 am

(Venue: Chancery Room, Bidholi Campus).

Following members were present:

- 1. Dr. Deependra Kumar Jha, Vice-chancellor, Chairman IQAC.
- 2. Dr. Veena Dutta, Registrar, UPES.
- 3. Dr. VJ Byra Reddy, Director IQAC.
- 4. Dr. Kamal Bansal, Dean -School of Engineering
- 5. Dr. Vijay Kumar Singh, Professor, School of Law.
- 6. Ms. Manisha Mohan, Dean -School of Design
- Dr. Geetha Hegde, Dean –School of Business
- 8. Dr.Manish Prateek, Dean -School of Computer Science
- 9. Dr.Sanjeev Kumar Assoc. Dean School of Engineering
- 10. Dr. Jitender Kumar Pandey Assoc Dean, Research & Development.
- 11. Dr.Ranjan Sinha Takur Head Library.

A special meeting of IQAC was called to review the feedback received from stakeholders on curriculum review, before it is circulated to the Academic Council. Director IQAC briefed the members about the recommendations of Board of Studies of various schools on action taken against the feedback on curriculum from the stake holders. After deliberations, the members recommended and forwarded to Academic Council for final approval and successful implementation. Minutes of the BOS meetings (appended with Action taken report) are attached as Annexures.

It was also proposed that a committee be created to review the feedback form and benchmarking with other University's feedback mechanism be done to make it more robust.

The meeting ended with vote of thanks.

(Dr. Veena Dutta

Registrar, UPES.



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

SCHOOL OF ENGINEERING

Dehradun

Date: 23/4/2019

Minutes of meeting Board of Studies, SOE, UPES

Minutes of the Board of Studies Meeting held on 23rd April, 2019 at Energy House Board Room, UPES Dehradun

Following members were present during the meeting:

Dr. Suresh Kumar, Dean-SOE, Chairman-BOS, SOE, UPES

Prof. Pulak Mohan Pandey, Mechanical Engineering Department, IIT Delhi

Mr Ranit Rana, Dy General Manager (Product & Market Development) Jindal Stainless Ltd, Delhi

Mr Jivesh Kapoor, Alumni, B.Tech. (ADE)- 2011-2015, Assistant Area Sales Manager, SMC Corporation (India) Pvt. Ltd., Noida (UP)

Dr. Sanjeev Kumar, Associate Dean-Basic Sciences and Humanities Department, SOE

Assistant Deans and all Department Heads

Mr Krishna Moorthi. S, B.Tech.(MSNT), Sem-VIII (2015-2019)

Mr Vishesh Saxena, B.Tech.(MSNT), Sem-VIII (2015-2019)

Ms Shivani Rajput, B.Sc (Hons-Physics), Sem-II (2018-2021)

The meeting was started by Dr. Suresh Kumar, Dean- SOE with introduction of Invitees and the members of BOS. He apprised the experts about the functions of consultative committee and Board of Studies at UPES. Dr Suresh further apprised the academic experts about the structure of consultative committee and the meeting held by the respective department in the presence of academic and industry experts.

After the address by the Dean- SOE, presentation for the Board of Studies (BoS) agenda wise started and followings were presented:

- To apprise the members of BOS about the minutes of last meeting of BOS:
 The Chairman(BOS) briefly apprised about important points taken up in the last meeting held on April 16,2018 as attached in Annexure-A.
- 2. To discuss and approve the action taken against the feedback from stake holders on curriculum and other facilities

The chairman(BOS) briefly apprised the council about the adoption of AICTE model curriculum for all its engineering programs from 2018. Hence there are no revisions in the curriculum. Actions are taken into considerations while framing the syllabus in 2018 itself based on the inputs from stake holders. However, the stake holder's inputs on department functional

improvements are taken into consideration and action taken report against the feedback inputs from all depts. are attached in ANNEXURE -B.

 To discuss and approve the minutes of Department consultative committee meeting of Mechanical Engineering.

Dr Ajay Kumar (HOD) appraised the programmes under Mechanical Engineering department and told that following eminent person from Industry and Academic attended the meeting of consultative committee for Mechanical Engineering department:

- Dr. G.P. Chaudhary (Academic Expert), Professor Mechanical Engg Dept, IIT Roorkee
- Mr. Ujjal Kumar Mondal (Industry Expert), Plant Head, TATA Autocomps Systems Ltd.

Dr Ajay presented the grid of new proposed programme under Mechanical Engineering department as per the recommendation of consultative committee with effect effective from academic session 2019-20. He elaborated that —

- a. B.Tech. (Metallurgical & Materials Engineering) programme is recommended by DCC.
- b. Total credits of the courses proposed are 167.
- c. In addition, some audit courses such as "Indian Constitution" and "Environmental Science" shall be part of curriculum.

After due deliberation and discussion, following changes in the curricula as well as curricular structure of proposed new program "B.Tech (Metallurgical & Materials Engineering)" were suggested by Dr P M Pandey, academic experts:

- Course-"Introduction to Instrumentation", which is proposed in semester-VIII is required to be swapped with the course-"Professional Elective" of semester-VI.
- Course "Metallurgical Process Design and Optimization" to be offered in place of Course "Process Design for Metallurgical Operations" in semester-VII.

Suggestion were agreed upon by the members of BOS, Academic Experts, Industry Experts. Revised grid is attached in Annexure 1.

- 4. To discuss and approve the minutes of Department consultative committee meeting of Basic Science & Humanities Department:
- (i) Dr Sanjeev Kumar, Associate Dean, Basic Sciences and Humanities department deliberated on the proposed programme M.Sc.(Physics) as recommended by consultative committee meeting of Physics department. Following eminent person from Academic attended the meeting of consultative committee for Physics department:
- Dr. Ajay, (Academic Expert), Associate Professor, Department of Physics, IIT Roorkee
 Dr Sanjeev presented the new proposed programme under Physics Department as per the recommendation of consultative committee. Total credits of the proposed programme are 88.
 No changes were suggested by members of BOS and the grid of M.Sc.(Physics) programme duly approved by DCC was approved by BOS as attached in Annexure 2.

- (ii) Dr Sanjeev Kumar apprised that following eminent person from Academic attended the meeting of consultative committee for Chemistry department:
 - Dr A K Prasad, Professor, Department of Chemistry, University of Delhi, Delhi

He presented the proposed course grid for M.Sc.(Chemistry) as recommended by consultative committee meeting of Chemistry department. Total credits of the proposed programme are 94.

No changes were suggested by members of BOS and the grid of M.Sc.(Chemistry) programme duly approved by DCC was approved by BOS as attached in Annexure 3.

- (iii) Dr Sanjeev Kumar apprised that following eminent person from Academic attended the meeting of consultative committee for Mathematics department:
 - Dr S B Singh, Professor, Department of Mathematics & Computer Science, G B Pant University of Agriculture and Technology, Pant Nagar, Uttarakhand

He presented the proposed course grid for M.Sc.(Mathematics) as recommended by consultative committee meeting of Mathematics department. Total credits of the proposed programme are 90.

No changes were suggested by members of BOS and the grid of M.Sc.(Mathematics) programme duly approved by DCC was approved by BOS as attached in Annexure 4.

4. R & D Activites Report:

Dr S.M.Tauseef, Assistant Dean Research – SOE presented the report on Research & Development activities of School of Engineering during 2018-19. He briefed the members of Board of Studies about the research promotion (SEED, RISE), patents, publications, externally funded projects and Anusandhan. The statistics of continuous improvement in these activities were presented as attached in Annexure 5.

5. Vote of Thanks:

Dr. Suresh Kumar, Chairman-BOS concluded the Board of Studies meeting with vote of thanks to the Academic Experts, Industry Experts, Special Invitees and the participants for the valuable inputs, discussion, deliberation. The recommendations of BOS will be forwarded to Academic Council for approval.

Dr Suresh kumar Dean-SOE & Chairman-BOS

Or Ajay Kumar

HOD-Mechanical Engg Dept

Dr Nihal A Siddiqui HOD-HSE & Civil Engg Dept

Dr Sudhir Joshi HOD- ASE Dept

Dr R Gowri **HOD-Electrical & Electronics Engg Dept** Dr Radhika Bansal Dr Piyush Dua **HOD-CPC Dept** FIC- Physics Dept

Dr P Vijav

Dr Bhawna Lamba FIC-Chemistry Dept

HOD-Chem. Engg Dept

Dr Shweta Sachdeva FIC-Mathematics Dept

Dr S KKhare

HOD-PEES Dept

Dr Pankaj Sharma

Assistant Dean (Planning & Monitoring)

Assistant Dean Research- SOE

Dr Sanjeev Kumar Associate Dean(Basic Science & Humanities)

Student Representative-

Imouth Mr Krishna Moorthi, S. B.Tech.(MSNT), Sem-VIII (2015-2019)

Mr Vishesh Saxena

B.Tech.(MSNT), Sem-VIII (2015-2019)

Ms Shivani Rajput

B.Sc (Hons-Physics), Sem-II (2018-2021)



DEPT. OF Health Safety & Environment

	in the Departmental Co	onsultative Committee
	COMMENTS	ACTION INITIATED/TAKEN
	Exposure to develop entrepreneurial skills which will help them identify their potential was suggested	Entrepreneurship training and development by Avneet Srivastava was conducted (Alumni)
	Training for how to effectively prepare for personal interview and group discussions during recruitment was suggested.	Trainings were arranged by the placement cell and communication skill and soft skill were strenghtened. Activities that will enhance the communication skills of the students were encouraged.
	Preparation for Interviews –Aptitude Test, Group Discussions and Personal Interviews exposure is needed	
Students		Communication skills and soft skill trainings were given. Pre-placement trainings were given Mock interviews and tests were conducted The students were given guidance for competetive exams. The students were counselled for pursuinghigher education and studies
	More no of Mockdrill should be conducted	No of mockdrill and fire dill has been increased and conducted peridically
Parents	Many engineering graduates pursue higher studies by qualifying GRE, GATE, CAT etc. Some course curriculum should also be developed for this in the final semester.	Coaching classes have been initiated in the department in the pre and final year
	More time should be allocated to practical skills and practical duration be used 100% for technical skill upgradation, by introducing more laboratory work.	Labs beyond working hours to cover more hands on exeriments have been started for this purpose
Domain	Fire Training must be added in curriculam	Included
	More no of domain expert lecture must be conducted	No of Guest lecture has been increased by 20%.
Faculty	Sustainable development must be included in the syllabus	Implemented in the curriculum
	GATE/PSU syllabus in the course curriculum to get entry in Public Sector	Syllabus contents are meeting the PSO requirements.

Signature of Host of Dept. OR. N. A. Siddiqui

Date: 19/02/2019



	IENT OF AEROSPACE ENGINEERING	Enrichment from stake holders and presented
F	eedback collected and compiled for the curricula	am Enrichment from stake holders and presented ACTION INITIATED/TAKEN
	COMMENTS	ACTION INTIATED.
	Need for aptitude classes for pre-placement preparation	Placement Selection Improvement and Bootcamp initiatve is in place
	Courses should give some research details in the end and courses should be designed such that students can participate in research(current)	Courses such as Aircraft Design, Avionics System Design are the part of curriculam which focues on to the research skills. Moreover few value added topics have been added as a part of the curriculam to enhance the knowledge
	Case studies of innovaions & industrial application concepts shoul be increased rather than providing them seldomly	Implemented thoeoratical concept in the class room teaching to solve the real time problems
	Teachers should be more interactive about students future aspirations so that they can guide us the path to achieve them	Department faculties interects with the students and guide for future opportunities in terms of higher education and placements/career goals (e.g., providing guidance to the students for GATE, PSUs, Higher esducations etc.)
B.Tech Aerospace Engineering and	The deparment should take intiative to provide oppurtunities to students regarding research and more books should be made available in the library for higher studies.	Encouraging students towards the RISE Project and to participate in National/International competitions (e.g. Aero Design, CANSAT etc)
Aerospace Engineering with Spz.in	Avionics-More emphasis should be there	Bridge courses are arranged and students are encourgaed to use the online courses such as NPTEL
Avionics	More practical sessions & hands on training on different softwares like matlab, ansys, gmat etc	Students are taking part in Professional Software Training (PST)
Students	Development of activities which include more involvement of the knowledge being attained here will be nice, such as where we have a project to calculate the orbit of saturns moons & the pertubutating orbit of sun.Also need more books	Minor/ Major projects have been floated in the respective area
	Focus more on numericals related to gate	It is the part of regular class room teaching
	indepth knowledge of the subject and out of syllabus content should be provided for students pursuing higher education	
	introduction to more astronautics topics would have helped in understanding our domain of interest	Value added topics have been added a part of the course plan to enhance th knowledge which circulated to the students before commencing the sem
	Productivity can be improved in labs and classes	Continous evaluation is already taking place in Labs
	Suggested to commence hands-on training to student to enhance practical knowledge	Professional Software Training (PST) & Workshop/ Industrial visits
	Need to include the software labs and avionics domain labs	It hastaken care in PST at the commencement of semester
Faculty Members	Industry oriented short term courses should also be part of curriculum for employability of the students	Taken initiative to conduct workshop (Drone fest, Gas turbine workshop
	Need to include more employability course like fracture mechanics and software labs	Value added topics have been added a part of the course plan to enhance the knowledge in the courses such as Aicraft structures, Theory of plates
	More number of electives can be included	Domain focused electives have been added in the course grid
lumni	No Suggestions	No Suggestions
arents	No Suggestions	No Suggestions
tecruiters/Indust y Expert	No Suggestions	No Suggestions

Signature of Head of Dept.

Department of Mechanical Engineering

Feedback collected and compiled for the curriculum Enrichment from stake holders and presented

	6			5	4		w	ю	K			-		S. No
								Mechanical	3					Name of Prog
	Students			Parents	Industry expert	Recruitor /	Alumni	raculty Members				Students		Stake Holders
I 10gramming,		Control Engineering must be included as it is required in most of the universities abroad.	Foreign Language should be introduced in place of Biology.	No suggestions for improvement.	Semester IV and V are heavy. It was suggested to reshuffle some of the courses	To redistribute the credits of I and II semesters.	No suggestions for improvement.	Core engineering courses which are important from the perspective of GATE and other competitive exam should be included as main subjects rather than electives.		Biology should be named as Biology for Mechanical Engineers and should be taught by an engineer.	Engine testing lab and metrology lab should be added to the curriculum.	Software classes in each semester.	Every course should have a credit. There should not be zero credit for any course.	Stake Holders' Feedback Input
	Implemented as a part of Professional Software Training (PST)	Included in Elective	guidelines.	Not applicable	Credits of IV semester reduced from 26 to 20.	Credits are redistrbuted	Not applicable	Incorporated in the curriculum.	Shall be discussed in next DCC (2020). Can't be implemented as of now due to adoption of AICTE model curriculum just one year back.		Metrology is covered in Manufacturing Technology subject.	and PATRAN are included in most of the semesters.		-

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Pneumatics should be increased from 1 to 1.5.
Laboratory credits of the subject- Hydraulics &
Power Electronics and Drives should be the Core subject
Use of hydrogen in IC engines should be included
Recent Technologies for Enhancement of life of IC Engines should be added in syllabus
"Recent Development in Microprocessor is proposed to be included in "Advanced Micro controller" as Elective subject
Open Electives should include "New Emerging Technologies"
Include Electrical Inputs to the specialization of ADE such as Drive Technology and Storage
To redistribute the credits of III and IV semesters.
To redistribute the credits of I and II semesters
Introduce few industry relevant courses like Quality Control and Geometrical Dimensions and Tolerances
Engineering Mechanics must be taught in 3 rd Semester so that SOM will be easy for students.
Design of Machine Elements must have 4 credits.
тний Бунаниез ран із погтефиней ін зунавиз
HVAC should be renamed as RAC and given more credit with lab
Rename of Metrology and Manufacturing Technology as Manufacturing Tech & Metrology
Industrial Management and TQM can be clubbed.
HVAC should be taken RAC and weightage must be given to GATE exam courses as well.
higher semesters.



Not applicable	No suggestions for improvement.	Parents		1
Credits Redistributed	To redistribute the credits of I and II semesters.	Recruiter / Industry Expert		4
Not applicable	No suggestions for improvement.	Alumni		33
The subject is added.	A subject- Social Internship (0-0-2) must be added.			
Credits are increased.	Laboratory credits of the subject- PLC & HMI should also be increased to 1.5.			į.
The subject is made a mandatory course with zer credit.	Credits of Real-time Systems Lab may be decreased The subject is made a mandatory course with zero credit.	Credits Faculty Members to 1.5.		5
Credits are increased.	Pneumatics may be increased to 1.5.		Mechatronics	
This may be dealt with in Program Elective-II, subject- Advanced Robotics.	A particular subject for Robot Programming software can be included.		i i	
Students are provided with option of working in either Python or Java. These languages are included in Program Elective- IV.	'Python' must be taught instead of 'Java Programming'.			
Credits are increased.	Laboratory credits of the subject- PLC & HMI should also be increased from 1 to 1.5.	Students		

Signature of Head of Dept.

Date:



UNIVERSITY WITH A PURPOSE

DEPT. OF CHEMICAL ENGINEERING

Feedback collected and compiled for the curriculum Enrichment from stake holders and presented in the Departmental Consultative Committee, March 2018

	Name of the	Stake	2018	
SI.No	Program	Holder	Stake Holders' feedback input	Action taken against
1			A tutorial class should be application oriented	The case studies are discussed.
2		Students	Material and Energy Flow Computation course should demo usage softwares like ASPEN, EXCEL	workshops are being conducted, PST programs at initiated for this purpose - Ex: MATLAB, ASPEN PLetc.,
3			Revision of courses taught in previous semesters should be given in VII Sem.	A boot camp is organised to brush up the subject knowledge.
4		Faculty members	Course on safety related to electricals and electronics	It is included in the program electives.
5	B. Tech CE+RP	Alumni	The Department should try to inculcate a more practical approach to a problem within the students. A lab on equipment design might help with this.	Process Equipment design course has case studies that can be solved using the softwares.
6		Recruiter/	roi students, Engineer's Competencies,	Placement Selection and Improvement program is conducted to focus on the said areas of the improvement.
7		expert	University should discuss the curriculum with the Industry experts to make it relevant as per Industry expectation	Industrt experts have been the course curriculum development.
8			GATE guidance should be provided.	GATE guidance classes are conducted in the department for 3rd and 4th year students
9		Parents	Student attendance/exam performance data should be shared.	The course coordinators are calling the parents of poor performers and attendees.
10			More job opportunities	Good number of students are placed.
1			Pressure vessel design and pipeline	The case study based problems are solved. Pipesim software is used for pipeline design.
2		Students	Revision of courses taught in previous semesters should be given in VII Sem.	A boot camp is organised to brush up the subject knowledge.
3			More study materials in Gas engineering are needed.	Guest lectures are arranged.

8: STIN

9		Parents	No Suggestion	ns for improvements
		Industry expert	No Suggestion	ns for improvements
8		Recruiter/		
27	M. Tech Pipeline Engineering	Alumni	Kindly incorporate offshore engineering in the course without it the courses is incomplete.	Guest lectures are planned.
26		Faculty members	190	ons for improvements
25		Students	No Suggestio	ons for improvements
24		Parents	No Suggestio	ons for improvements
23		Recruiter/ Industry expert		ons for improvements
22	M. Tech CE+PD	Alumni	No Suggestio	ons for improvements
21		Faculty members		ons for improvements
20		Students	No Suggestion	ons for improvements
19			More job opportunities	Good number of students are placed.
18		Parents	Student attendance/exam performance data should be shared.	The course coordinators are calling the parents o poor performers and attendees.
17			GATE guidance should be provided.	GATE guidance classes are conducted in the department for 3rd and 4th year students
16		Recruiter/ Industry expert	Suggest to include subjects revolving around providing technical services to Industry. Focus seem to be more on consumer market and commodity selling.	We are planning to have guest lectures in the suggested areas.
13	B. Tech APE+GAS	Alumni	core technical courses	A workshop is conducted from SoCS for IT programming.
15		members	More number of electives to be added Some IT flavour needs to be added to	Elective basket contains now more electives.
14		Faculty	**************************************	

8. m/2/1/14



UNIVERSITY WITH A PURPOSE

DEPT. OF PETROLEUM ENGINEERING & EARTH SCIENCES

Feedback collected and compiled for the curriculum Enrichment from stake holders and presented in the Departmental Consultative Committee March, 2018.

Apart from the below mentioned points, the proposed B Teeh Grid discussed is aligned to AICTE standards

		Apart From the below mentioned points, the proposed B Tech Grid di	ACTION INITIATED/TAKEN
		Apart from the below illentials COMMENTS	R and Python classes were arranged for students. Academic beense of
		Computer programming & application is essential for fundamental understanding to concepts and developing ad-hoc solutions addressing industry challenges will	R and Python classes were arranged to students of the petroleum software of companied like Schlumberger, Halliburton, weatherford etc having commercial value of 35 cores is installed in high computation lab of the department. Students are doing projects on this software. Students solve the field problem with support from industry experts as:
	Students	Course needs to incorporate oilfield case based approach in the 3rd & 4th year for	part of their major and times polying in offshore
		Need more understanding on Well Testing and offshore drilling	drilling is taking the class.
1		distribute certification	Initiatives are taken to encourage students to entol in Spoken tutorials from HTB-MHRD
Commu		from NPTEL MOOCS Course to a selection of the industry be standardized fulfilling the needs of the industry	Innovative methods of exams are introduced. Industry oriented
в Тесь Нестопсь & Сопппи	Faculty	Design related problem are given in the exams/assignments. Electives are to be listed and given proper idea of the electives circulated. Student should be trained how to select and why to select electives.	Innovative methods of exams are introduced in elective basket electives are intorduced in elective basket
B Tach	Limployers	University should discuss the curriculum with the Industry experts to make it relevant as per Industry expectation Addition of Business Ethics and Etiquette for students, Engineer's	Same has been done. Industry experts were consulted for designing new course grid for the department
		Competencies, Basics of Domain	have done as faculties have neen deputed for industry like
	Alumni	More practical approach should be deployed. Faculty should have hand on working experience on site.	RIL to improve teaching and research skills.
		Course needs to incorporate oilfield case based approach in the 3rd & 4di year for students to improve their analytical skills and approach and be more ready f	 Case studies have been included as part of student techical competition events.
		industry	om.
		Recent software's and technology should be added and recy a ESRI and Intergraph for designing the entire course according to the long term industry requirements.	Same has been added in high computational laboratory

(2 Feb 2019)



DEPT, OF ELECTRICAL & ELECTRONICS ENGINEERING

Feedback collected and compiled for the curriculum Enrichment from stake holders and presented in the Departmental Consultative Committee

Apart from the below mentioned points, the proposed B.Tech Grid discussed is aligned to AICTE standards

	Apart from the below mentioned points, the proposed B.Tecl COMMENTS	
Students		Electronics, Telecom Backhaul, Cognitive Computing and Application, Customer
	There should be more practical rather than the classroom theory in the labs experiment the classroom theory	Experience Management
		Value added experiments are added to curriculum
	rather than kits in order to increase understanding and hands-on experience	Discerete component based experiments are in practice till IV Seme
Domain expen	1 Some of the suggested topics/courses of the students can be realised through organised student study groups under the mentorship of faculty members. 2 Design Thinking/English to be of 3 credits. 3 Basic Electrical/Electronics Engineering in Sem 1 to be of 3 credits. 4 Programming for problem solving to be of 2 credits. 5 Basic Electrical/Electronics Engineering in Sem II to be of 3 credits. 6 Electronic Devices to be renamed as Electronic Devices and Circuits. 7 Broadband Access Technology to renamed as Antennas and broadband technologies and to be of 4 credits. 8 Antenna & Microwave Theory to be renamed as Microwave Theory and Techniques and to be of 3 credits. 9 Data communication & Networking to be of 3 credits. 10 DCN lab to be of 1 credit. 11 Project II to be of 2 credits. 12 Project III to be of 2 credits. 13 Project III to be of 8 credits.	The state of the s
Faculty	Minor specialization can be introduced in the field of to industry 4. 2 Students should be encouraged to get the credits for their online certification from NPTEL, MOOCs, Course Era, Udemy etc. List of experiments are further to be standardized fulfilling the needs of the industry Design related problem are given in the exams assignments. Electives are to be listed and given proper idea of the electives circulated. Student should be trained how to select and why to select electives.	tutorials from IFTB-MHRD
Employers	University should discuss the curriculum with the Industry experts to make it relevant as per Industry expectation Addition of Business Ethics and Ettiquette for students, Engineer's Competencies, Basics of Domain	Every year an industry expert will be a part of DCC meeting and industry relevant courses are included from VI semester onwards.
Alumni	Instead of teaching only the older microcontrollers, focus on adding subjects based on new and advanced microcontrollers that are been used in the research	ARM, AVR, Arduino, RaspberryPi microcontrollers are being taught for B. Teeh ECE VI Sem students

Signature O Head of Dept.





Feedback collected and compiled for the curriculum Enrichment from stake holders and presented in the Departmental

	COMMENTS	ACTION INITIATED/TAKEN
Students	Need more numbers fo Group work/projects	Case study has been given, group assignment have been alloted, major project has been given to the groups on community services
Parents	Exposure to Industrialists and talks	Organized four number of guest lectures from industries
Domain expert/Employer(Rec ruiter)	Focus on Structural Analysis, and presntation skills	To enhance, knowledge in structural analysis, professional electives with structural engineering options are given to students
Faculty	Application based syllabus, new courses for upcoming needs of Industry, More choices for electives,	These points will be taken up in the next consultative committee to be held in March 2020 as currently we follow AICTE model curriculum
Alumni	The course of the Civil Engineering branch should not be focussed on the industry needs, instead it should be focussed on competitive exams like GATE & IES. Placements of Civil Engineering at UPES are very weak and this is the case of most of the reputed colleges as well. So, I think that the orientation of this course at UPES should be shifted from industry focussed to competitive examinations focussed.	The syllabus is revised in 2018, based on AICTE recommendation, with focus on overall development of knowledge in the domain area, Civil Engineering, addressing both placement and alignment to competitive exams syllabus

Signature of Head of Dept.

Date:



Department Name: Electrical & Electronics Engineering

SLN 0	Name of the Program	Stake Holder	Stake Holders' feedback input	Action taken against
1	B. Tech - Electrical Engineering	Students	No Comment	
		Faculty members	No Comment	No Change Proposed Course is Alignd with Industry Requirement
		Alumni	No Comment	o a supple with industry requirement
		Recruiter/Industry expert	No Comment	No Change Proposed Course is Alignd with Industry Requirement
		Parents	GATE guidance should be given	GATE classes are conducted for 3rd Year and 4th year students
2	M. Tech - Renewable Energy Engineering	Students	No Comment	The state of the s
		Faculty members	No Comment	No Change Proposed . Course is Alignd with Industry Requirement
		Alumni	No Comment	- Common and the comm
		Recruiter/Industry expert	No Comment	
		Parents	No Comment	
3	M. Tech - Energy System	Students	No Comment	
		Faculty members	More modules on sustainability can be incorporated	1. It is proposed to add additional models of sustainability in the Course Green Building & Hence the Credits of Green Building are revised from 2 to 3.
			In house projects at University level can be given additional emphasis	It is proposed to add additional models of sustainability in the Course Green Building & Hence the Credits of Green Building are revised from 2 to 3
		Alumni	No Comment	
		Recruiter/Industry expert	No Comment	
		Parents	No Comment	

Signature of Head of Mont. (N B Soni)

Date:



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S.N.	-		Feedback	Steps taken
1			More elective courses should be introduced	Sufficient number of elective courses are already considered.
2	Department of Applied	Students	Along with regular courses, some extra classes should be taken for the preparation of competitive exams.	For competitive exams, extra lecture sessions have been introduced in the coming semester.
3	Sciences & Humanities	Students	Some experiments catering to the basic measuring instruments should also be added in the experiment list.	Experiments related to basic measuring instruments have been introduced in the coming semester
4			All the classes should be scheduled before 2 PM, so that we could get exta time for pursuing other career related activities.	On some week days, efforts have been made to schedule all the classes before 2 PM

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JCC Minutes of Meeting - 25th November 2019, (02:00 PM to 03:30 PM) Block 1, Board Room

Members Present:

Dr Manish Prateek Professor and Dean, SCS

Dr Akshay Malhotra Director, Product Development & Innovation

Dr Ravindra Yatagiri Vice President, IT

Dr Neelu Jyoti Ahuja Head of Department, Systemics

Dr Vinay Awasthi Lab Head, SCS

Mr. Vithal Madyalkar Director, IBM ICE Program

Mr. Hari R. Business Development & Relationship Manager

Mr. Viqaruddin Surki Country Manager - IBM ICE Delivery Engagements

Ms. Rajani Radhakrishnan Program Manager - IBM ICE Delivery Engagements

Sr. No.	Agenda Points	Action Points	Follow up	Deadline
	Plan for 10 Year Celebration	For completion of 10 year with IBM, planning to do activities in 2020 like hackathon, seminar, workshop, summer excitement etc, themed around successful 10 years completion celebrations.	Mr. Vithal Madyalkar & Team	
		Responsibility for the planning of activities are as follows: Mr. Viqaruddin Surki (IBM) Mr. Sunil Kumar (Cybernetic-SCS)	Mr. Viqaruddin & Mr. Sunil	
		By 15th Dec Planning has to be done.	Mr. Vithal Madyalkar	15th Dec



Action taken against Feedback From Stake Holders on curriculum	SoCS adopted AICTE model curriculum in 2018 and hence no revision in the curriculum will be implemented in 2019. However, the stake holders inputs will be considered during BOS to be held in 2020. Currently, the stake holders input on current functionalities of the school is considered and implemented effectively.	HOD's and Class Coordinators	
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Minutes Prepared By: -Anchal Khatri Sr. Executive

Department of Computer Science Engineering Feedback Analysis Report



B.Tech. Computer	Stake Holders	Suggestions by stake holders	Action taken
Science Engineering - All Specialization		Cloud Computing, AI & ML, Data Security, LInux Programming subjects MUST be taughto each student in the Second/Third Year.	Cloud Computing, AI & ML, Data Security, LInux Programming subjects MUST be taught electives in the curriculum offered from 2019 to each student in the Second/Third Year.
		Programming subjects like .net, python should not be offered in elective as we don't have provision of labs for elective courses.	Programming subjects like .net, python should Concerned faculties are advised to take extra lab not be offered in elective as we don't have provision of labs for elective courses. Concerned faculties are advised to take extra lab sessions in relation to theory & implemented from 2019 onwards.
	Student	"Introduction to Virtualizaton and Cloud Computing" and "Cloud Computing Architecture" have almost same content but are taught in different semesters. Syllabus needs to be revised.	The syllabus has already been updated in new grid offered from 2019 onwards
		50% of the syllabus of Data Mining and Business Intelligence is same	The syllabus has already been updated in new grid offered from 2019 onwards
		More businees case study based lectures can be delivered.	Has been taken taken care in the curriculum offered from 2019 based on IT industry denmand
		In Data Mining and Prediction Modeling the syllabus is limited upto Association and Classification. It should include Clustering as well.	Implemented in the curriculum offered from 2019 based on IT industry denmand
		For training the dataset in lab, it requires the high end system like GPU.	Requisition for purchasing high-configured system has been sent to IT-services

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there is a requirement of Al & ML in the course Compiler Design should not be in elective list, it should be in mandatory list. Physical Security course should be in earlier semester (2nd or 3rd sem), currently it is in 5th sem. Topics needed to be included (more or less): Machine Learning, Artificial Intelligence (Al) and the both sides of the coin, Detailed explanation of Big Data & how it can be used to build up skills for whole variety of domains it opens up to the students. Focus more on projects than study material Focus more on Data structure and algorithms Hands-on experience/lab exercises on industry	Faculty Members	More Practical Applications must be dealt (for example the subject of Virtual Reality is just a Concerned facuties will be informed to use more theoretical course right now but needs to have illustrative examples as per relevance.	oncerned facuties will be informed to ulustrative examples as per relevance.
Compiler Design should not be in elective list, it should be in mandatory list. Physical Security course should be in earlier semester (2nd or 3rd sem), currently it is in 5th sem. Topics needed to be included (more or less): Machine Learning, Artificial Intelligence (AI) and the both sides of the coin, Detailed explanation of Big Data & how it can be used to build up skills for whole variety of domains it opens up to the students. Focus more on projects than study material More focus on Data structure and algorithms Hands-on experience/lab exercises on industry		s a requirement of Al & ML in the	The course has been introduced in the curriculum offered from 2019.
Physical Security course should be in earlier semester (2nd or 3rd sem), currently it is in 5th sem. Topics needed to be included (more or less): Machine Learning, Artificial Intelligence (AI) and the both sides of the coin, Detailed explanation of Big Data & how it can be used to build up skills for whole variety of domains it opens up to the students. Focus more on projects than study material More focus on Data structure and algorithms Hands-on experience/lab exercises on industry		mpiler Design should not be in elective list, In nould be in mandatory list.	ntroduced as a core course in the curriculu ffered from 2019.
Topics needed to be included (more or less): Machine Learning, Artificial Intelligence (AI) and the both sides of the coin, Detailed explanation of Big Data & how it can be used to build up skills for whole variety of domains it opens up to the students. Focus more on projects than study material More focus on Data structure and algorithms Hands-on experience/lab exercises on industry		L	Introduced in 2nd semester with the name "IT Systems Security & Physical Security " in the curriculum offered from 2019.
Focus more on projects than study material More focus on Data structure and algorithms Hands-on experience/lab exercises on industry			The course has been introduced in the curriculum offered from 2019.
More focus on Data structure and algorithms Hands-on experience/lab exercises on industry			There are 4 projects (2 minor & 2 Major) already in the curriculum
			In Minor 1 project, students are evaluated based on their knowledge on Data Structure, Algorithm & C coding
tools and platforms	Alumni	ids-on experience/lab exercises on industry Th s and platforms	The appropriate changes have been made in curriculum offered from 2019



With the increasing demand in development roles, there is a very urgent need to start teaching scripting languages in the curriculum offered from 2019 internship/job. More hands on lab for azure cloud or aws. Use of digital analytics techniques, big data, rand python Need to improve upon management training and also please add reverse engineering in the course. Pretty Relevant Seems quite relevant. Will have to go through details for detailed comments No suggestions for improvement	velopment be start Scripting languages have been offered in the curriculum offered from 2019 Implemented in the curriculum offered from 2019 Implemented in the curriculum offered from 2019 It training the provision of getting a certificate in Management has been included No suggestions for improvement
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Name of the Head of Department Dr. Manish Prateck

Signature



University of Petroleum & Energy Studies College of Legal Studies

MINUTES OF THE BOARD OF STUDIES MEETING

Date: May 17, 2019 Time: 10:00 hrs.

Members Present:

1. Dr. Tabrez Ahmad, Prof.& Dean, Sol.

- Justice U.C.Dhyani, Chairman Uttarakhand Real Estate Apellate Tribunal and Formal Judge Uttarakhand High Court
- 3. Justice Virendra Maheshwari, Former District Judge Dehradun & Registrar Uttarakhand High Court
- 4. Prof.Afzal Wani, Faculty of Law, IP Univ., Delhi
- 5. Dr. Vijay Kr. Singh, HoD
- 6. Dr.Mamta Rana, HoD
- 7. Prof.G.N.Sinha, Industry Fellow
- 8. Dr. Ashish Verma, Assoc. Prof.
- 9. Dr. Vinita Singh, Assoc. Prof.
- 10. Dr. Azim B. Pathan, Assoc. Prof.
- 11. Mr.Sam Babu KC, Asst.Prof.(SG)
- 12. Dr.Ruchi Mehrotra, Asst.Prof.(SG)
- 13. Mr.Amit Singh, Asst.Prof.(SG)
- 14. Ms. Ashwirya Vats, Alumini
- 15. Ms. Urvashi Shahi, Alumini

Absent:

- 1. Dr.V.K.Ahuja, Faculty of Law, Delhi University
- Dr.Kamal Bansal, Dean ADI
- Dr.S.K.Banerjee, Sr.Prof.
- 4. Dr.Atul Razdhan, HoD
- Mr.Krishna Deo Singh , Asst.Prof.(SG)
- 6. Ms. Deepti Tiwari, Student
- 7. Ms.Gudakesh Unival-Student

Agenda:

- Honors Papers
- 2. To review action taken on feedback received from stake holders

For the academic year 2019-2020, the following changes have been proposed by the members of the Board of Studies unanimously in the existing grids & syllabus of various Hons, courses of different programme offered in UPES School of Law.

Department of Law, Science & Technology & PG

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Changes proposed for LL.M. Energy Law/ Business Law/ Law and Technology/ International Economic Law Program

Semester I- Law and justice in globalized world – Renamed as Law and Justice in Globalizing World
- International Commercial Arbitration- The proposed changes in the course content approved
Semester II- Law of Patents and Transfer of Technology- Renamed as Law of Patents

Changes proposed for B.Tech. (ET), LL.B. (Hons.) IPR & B.Tech. (CS), LL.B. (Hons.) IPR Law Program

Semester X- Trade Secret, Geographical Indication, Traditional Knowledge, Biodiversity and Farmers Right – Renamed with the suggestion that the name should be <u>Trade Secret and Sui-generis IP Rights.</u>

Changes proposed for B.Sc., LL.B. (Hons.) IPR/ Food, Health and Environment Law / Medical and Forensic Law Program

Semester I & II- Mathematics/Biology – it was suggested that Biology should be removed from Semester II and may be shifted in Sem.I and renamed as Remedial Mathematics & Remedial Biology.

Semester V- Business Economics (Prog. Elec.) – It was suggested that Business Economics should be replaced with Program Elective suggested as Artificial Intelligence (AI) and Internet of things (IoT).

Semester X- Trade Secret, Geographical Indication, Traditional Knowledge, Biodiversity and Farmers Right – Renamed with the suggestion that the name should be <u>Trade Secret and Sui-generis IP Rights</u>

Note:- To revised the Course Grid of B.Sc., LL.B. (Hons.) IPR/ Food, Health and Environment Law / Medical and Forensic Law Program.

Department of Law & Social Sciences

Changes proposed for B.A., LL.B. (Hons.) Energy Law Program

Semester II - Political Science II- Course content to be changed

Semester III- Political Science III- Course content to be changed

Semester V-Economics of Power Sector & Economic of Oil & Gas Sector- Course content to be changed

Semester IV- Energy Economics- Course content to be changed

Semester IX-

- Mining Law relating to Coal (Hons 8)- Course content to be changed with latest developments.
- Seminar on Shale Gas Development (Hons. 9) name should be changed to Seminar on Unconventional Energy Sources.

Semester X- Seminar on LNG Terminals and Law (Hons. 10) name should be change to Seminar on Downstream Products (Hons. 10).

Changes proposed for B.A., LL.B. (Hons.) Criminal Law Program
Semester VI- Criminology (Hons-1)-

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Semester VII- Financial and Systematic Fraud (Hons.3)- the change of the paper should be changed to "Financial and Systemic Fraud".

Changes proposed for B.A., LL.B. (Hons.) Labour Law Program

Semester VIII- Laws for Industrial Injury (Hons 5)- The title of the paper should be reframed as "Laws for Industrial Safety". As it is more broad and comprehensive

Semester IX-

- Laws for Labour Regulation (Hons 6) Title of the paper is vague and broad, the area has been
 covered by above mentioned papers. Instead of this paper, a new paper which can cover Globalization
 and Labour Regulation can be introduced.
- Laws of Industrial Dispute Resolution I (Hons 7)- This paper can be made comparative and comparative industrial dispute resolution can be taken up.
- Laws of Industrial Dispute Resolution II (Hons 8)- Instead of this, a paper dealing with the informal sector or Regulation of unorganized labor can be introduced.

Changes proposed for B.A., LL.B. (Hons.) Constitutional Law Program

Semester VII- Jurisprudential approach to the Constitution (Hons 2)- Paper title should be modified to "Constitutional Jurisprudence".

Semester VIII- Legislative Relations (Hons 5):-

- Title of the paper can be reframed. One suggested title-"Comparative Legislative relations". Reason being that legislative relations between center and state are covered under comparative federalism paper. This paper can focus on comparative understanding of legislative relations.
- · Constitutional amendment procedure paper can be merged with this paper.

Semester IX- Constitutional Amendment Procedure (Hons 7)- 1. As suggested above, this paper can be replaced by a new paper "Constitutional Process and Affirmative Action"

Department of Law & Management & Commerce

Changes proposed for B.B.A., LL.B. (Hons.) Corporate Law Program

Semester VIII:- International Trade Law: International trade law (Hons.4) should be clubbed/ merged with the International Commercial Arbitration (Hons.7) and its nomenclature should be modified accordingly to "International Trade and Dispute Settlement"

Semester IX- International Commercial Arbitration- And this paper may be merged with the paper on International Trade Law. To be merged with ITL and paper on "Insolvency & Bankruptcy Law and Practice" to be brought.

Changes proposed for B.B.A.,LL.B. (Hons.) Banking, Insurance & Finance Laws Program
Semester VII- Law on Corporate Finance (Secured and Unsecured Finance)- Word 'secured and unsecured finance' to be removed from the nomenclature.

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Changes proposed for B.B.A.,LL.B. (Hons.) International Trade and Investment Laws Program Semester VII

- Law on Corporate Finance (Secured and Unsecured Finance)- Word 'secured and unsecured finance' to be removed from the nomenclature.
- International Organization(Fiscal) (Hons 2) Syllabus to be reviewed for aligning the contents, for.
 e.g. including IMF. Remove the word "fiscal" and rename as "International Organisations".

Semester IX- BIT and Resolution of International Trade and Investment Dispute (Hons 6)- syllabus to be reviewed for aligning the contents. BIT word should be removed and Paper would be called "Resolution of International Trade and Investment Disputes"

Seminar on the role of ADB and IFC in financing projects in India (Hons 9) renamed as Seminar on Financing Projects in India

Suggestion given by the experts:

Introduction of Newer Seminar Papers – Dean School of Law may be authorized to approve the introduction of seminar papers in new areas to be reported in the next academic council meeting.

Changes proposed for B.Com (Hons.) Taxation Laws Program

Semester VI- Income Tax and Tax Planning (Hons 1)- Review the syllabus and include contents on policy. Nomenclature "Advanced Tax Law and Policy". Align with the paper Taxation Law (CLBN 3001) offered in Sem V.

Semester VII- Corporate Audit and Taxation (Hons. 3) - Corporate Audit and Taxation (Hons. 3) should be clubbed/ merged with Corporate Tax and Planning (Hons 5), accordingly its 4 credits should be adjusted, and its nomenclature modified to "Corporate Tax, Audit and Planning".

GST I (Hons 2) - Syllabus review to align with GST II

Semester VIII- Corporate Tax and Planning (Hons 5)- A new Paper proposed in its place on "Customs and Latest Developments"

Custom and GST II (Hons 4) - To be renamed as GST II

Semester IX- Tax Practice and Filing of Returns (Hons 7)- Make it a 2 credit clinical paper – reducing 1 credit from overall grid and making is same as other programs

Changes proposed for B.Com (Hons.) Media & Entertainment Laws Program

The Honors papers were reviewed in sequence of Hons 1 to Hons 10.

 For first Hons paper the basic overview and structure of Media & Entertainment business should be introduced. Proposal on constitutional right to expression and information sharing as a part of media was put across the board. Historical overview should also be covered to understand the idea of old forms media and transformation to newer ones.

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- After this statutory bodies and laws pertaining to Media & entertainment should be dealt in later semesters that was decided unanimously.
- . Then Global dimensions of Media & Entertainment may be brought under the syllabus
- It was also suggested to bring in more Generic and Specialized Seminar papers to provide students with more exposure on variety of subjects and help them with varied choices to research on subjects of their choices.
- Digital Media, social media and its legal aspects should be incorporated in the course structure to provide contemporary exposure to students.
- After an overall review of the Honours papers, CCM suggested to get the honours paper syllabus vetted from an industry expert with the following suggested changes in the paper's nomenclature and sequence:

Semester VI-Telecommunication Law (Hons 1) (Media & Entertainment Law Specialization) - Renamed as Business, law and economics of media and entertainment industry

Semester VII-Parliamentary Privileges, Judicial Reporting and the Media (Hons 2) (Media & Entertainment Law Specialization)- Renamed as Media And Entertainment Law I (CONSTITUTION & REGULATORY FRAMEWORK of PRINT MEDIA)

Investigative Journalism and Right to Privacy (Hons 3) (Media & Entertainment Law Specialization)-Renamed as Media and entertainment law II (law and regulatory framework of digital media and entertainment industry)

Semester VIII-Advertising Law (Hons 4) (Media & Entertainment Law Specialization)- Renamed as Advertising law

Cinematography Law (Hons 5) (Media & Entertainment Law Specialization)- Renamed as Cinematography Law

Semester IX- Broadcasting Law (Hons 6) (Media & Entertainment Law Specialization)- Renamed as media and entertainment disputes (DEFAMATION, BLASPHEMY, SEDITION & OBSCENITY IN MEDIA)

Media and Entertainment Transactions (Hons 7) (Media & Entertainment Law Specialization)-Renamed as "Intellectual property rights and entertainment industry" making it a 2 credit course

Media and Entertainment Litigation (Hons 8) (Media & Entertainment Law Specialization)-Renamed as Media and Entertainment Transaction and litigation – a clinical paper

<u>Changes proposed for B.Com (Hons.) Legal Compliance & Secretarial Practices Law Program</u>

Semester IX- Corporate Tax and Planning (Hons 8)- To bring the credits in line with other Hons. Options in B.Com. Program the credit of Corporate Tax and Planning is proposed to be reduced from 3 credits to 2 credits making it 32 Credits.

Feedback from Stake Holders

- 1. To review action taken on feedback received from stake holders:
- Action taken against the feedback received from various stakeholders was discussed and suggestion were annexed.
- 3. The recommendations are approved and forwarded to IQAC and Academic Council for further approval.

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Special Note from Expert:-

Prof.Afzal Wani spoke in the conclusion of the meeting that most institutions only try to meet BCI requirements in Legal Education. While UPES, SoL goes beyond the requirement of BCI. As a results its syllabus is unique, outstanding and innovative.

Meeting was ended with a happy note and thanks from the Chairman.





ACTION TAKEN REPORT ON FEEDBACK COLLECTED FROM STAKEHOLDERS

(Action item no. 02 for DCC dated 17 05/19)

Name of the Department: School of law

Session: 2018-19

S. No.	Program Name	Stakeholders	Suggestions by stakeholders	Action taken
1	BA LLB ENERGY LAWS	Student	Subjects such as contract requires more class as the course is quite wide and thus the concerned faculty is unable to provide deeper understanding	credits) and it can't be
		Parents	Assignments to be given on the weekly basis	Academic engagements is quite intensive at UPES SoL.
			Association with good companies for effective placements	Already in place.
			Library facility should be upgraded	Upgradation of Library resources is an ongoing process.
			No place for proper physical activities at Kandoli campus	It is being upgraded.
			Practical aspects of subjects should be emphasis	Each subject has an scope of 20% practical exposure at SoL.
			Books in the library should be made available	Already issued to students.
			Charging for the seminar from the students is not a good practice	fixed to ensure their

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	and well experienced teachers should be provided by the institution	Well qualified and experienced teachers are available at SoL.
	Opportunity should be given to all students	It is kept in mind that all students are given opportunities on equal basis.
	Students should be involved in introduction of new subjects	Student representation is ensured in Dept. CCM as well as BoS Meetings.
Faculty members	Shift IOS to IV year	It is kept at appropriate place as per the requirement of legal education
	Banking and negotiable instruments law should be made as a core subject rather than an elective subject	Banking law is a core subject for BBALLB(Hons) Banking Insurance and Finance law group
	IP law should be distributed in two semesters	IP law is taught in 5 semesters for IPR honors students
Alumni	All subjects are bookish. They do not tell practical application of law, ie, laws as used in various industries. We are taught just books, not taught development of approaches how to tackle various legal issues, neither are courses enough in content so that students become conversant with competitive exams. Whole structure is	It is as per bar council requirements. Compulsory subjects cannot be removed

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				UNIVERSITY WITH A PURPOSE
			based on just learning sections and passing exams. At least during my times it was.	
			an advocate in High Court. I would like to suggest that anything related to court room including court etiquettes can be introduced at class level as a mandatory course (non-moot style) to provide a more practical side of litigation.	We already have Fundamental of Moot Court, Professional Ethics and other clinical papers to cater these needs
		Recruiter/Industry expert	No Suggestions for improvements	319
2	BBA LLB BFI/ITIL LAWS	Students	Management subjects should be in less number	Management subjects are streamlined as per the BCI norms and market requirements onwards 2018-addmitted batch
			Maths should be removed	Math syllabus is revised as per the requirements of a Business lawyer
			Addition of more legal subjects	introduced from 2018 admitted batch
			General English course to be modified	modified as per BC guidelines.
		Parents	Curriculum should include recent development in the field of study	Course updation is don t as per BCI guidelines.
			In depth analysis o the courses should be provided	f Honors courses ar d already taught in depth

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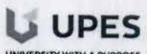
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	SRE process is complex and should be made simple	
	College should provide more internship opportunities	Career Services Dept. works for students Internships.
	Greater emphasis on law subjects	Emphasis on law subjects are increased through more options in seminar courses
Faculty Member	First module from constitutional law 1 should be removed	modified
	Logical reasoning should be included in quantitative techniques of decision making	included as value added topic to be taught.
	Concept of limit and continuity should be deleted from quantitative techniques of decision making	Implemented
	Course structured well and achieving the program objective is doable	Rationalized
	In History of codes, legislation and legal profession in India the topics from the Mogul era to the British colonization and Indian partition should be stressed less whereas mogul and British system of codes and legislation are to be stressed more	Implemented as a part of value added delivery relating to the course.
Alumni	Practical Approach	honors subjects are added for practical

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			UNIVERSITY WITH A PURPOSE		
				inputs. Delivery is also to focus more on practical aspects.	
			The semester wise distribution of subjects is not apt. Tax should be divided into 2 semesters. Company law and mergers should be one subject. Insolvency and bankruptcy code should be introduced as a subject. There should be more relevant books in the library instead of bare acts. Students should be given assignments that are problembased or for say, ut includes some analysis.	possible. Library enrichment for taxation is on priority for the	
		Recruiter/Industry	No Suggestions for		
		expert	improvements		
3	B. TECH LLB CSE / IPR	Students	please make necessary changes	very important component of legal education. Therefore it can not diluted	
			Proper guidance have to be provided		
			Focus should be on practical aspects	Each subject has an scope of 20% practical exposure at SoL.	
			No. of subjects should be limited to six per semester	Subject numbers are rationalized in terms of credits	
			Specific study materials and	Already provided.	

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				UNIVERSITY WITH A PURPOSE
			exposure are needed	
			since the program is designed keeping in mind the industrial applicability more emphasis towards getting domain recruiters on board is required	Career Services Dept. always make an effort to invite domain recruiters for a particular set of students.
3	B. TECH LLB CSE / IPR	Students	Seven projects per semester is impossible so please make necessary changes	Research is one of the very important component of legal education. Therefore it can not diluted
			Proper guidance have to be provided	It is an established practice at SoL.
			Focus should be on practical aspects	Each subject has an scope of 20% practical exposure at SoL.
			No. of subjects should be limited to six per semester	Subject numbers are rationalized in terms of credits
			Specific study materials and exposure are needed	Already provided.
			since the program is designed keeping in mind the industrial applicability more emphasis towards getting domain recruiters on board is required	Career Services Dept. always make an effort to invite domain recruiters for a particular set of students.
		Faculty member	Students must be given some free time during there lectures	provided lunch breaks
		Recruiter/Industry expert	No Suggestions for improvements	



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4	BA LLB	Students	Students should be	Already rationalized
	CRIMINAL/LAB OUR LAW		provided less subjects with equal distributions in the semester	
			More elective subject choices should be given to the students	Electives are already increased
			More emphasis on Soft skills development of the students	Already an established practice at SoL. (PEP, PSI, Books to Courtroom etc)
		Parents	Focus on imparting the best quality education	Academic quality is a cherished goal and a continuous endeavour at SoL, UPES.
			Quality teachers are needed for quality education	Well qualified and experienced teachers are available at SoL.
			Industry oriented and dynamic course curriculum	scope of 20% practical exposure at SoL.
			More interaction between teachers and students	Already an established practice at SoL.
			More cocurricular activities	SoL is hub of activities. Calendar of activities is well planned and executed.
			No change in faculty in middle of the semester	We will try to ensure
			Attendance issues in CORTAS must be addressed timely and effectively	name of Celcat is
			Distribution of subjects are not adequate and exhaustive	Distribution of subjects are already streamlined
		Faculty Member	Updation of the grids under taken to address the	exhaustive process of

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				UNIVERSITY WITH A PURPOSE
				Academic Council in 2018.
			Subject of dissertation must be taught by	Research methodology is taught before commencement of Dissertation work
			Visit to parliament and state legislature may be organized for the Students of constitutional law	Student do visit theses places as a part of their internship
5	BBA LLB CORPORATE LAW	Students	Instead of sticking to course plans teachers must focus on teaching about real life situation	Real life project are included in the projects and dissertation work-Faculty are also trained to included real life situations during teaching
			There must be practical study along with theoretical knowledge	scope of 20% practical
			Course in CPC, company law and family law are not covered fully	
			Subjects should be reduced per semester	Due to BCI mandate number of subjects can ot be reduced
			More e-resources should be provided	
			Library should remain open for longer times	Already done.
		Parents	Course must give more focus on law based subjects	

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				UNIVERSITY WITH A PURPOSE
			Curriculum should incorporate more practical knowledge in the field of study	Each subject has an scope of 20% practical exposure at SoL.
			Attendance should not be the criteria to debar students	Due to BCI mandate it can not be avoided
			More emphasis on the law subjects	Already implemented
			Subjects should be reduced per semester	Due to BCI mandate it can not be avoided
			CPC to be rescheduled in two semester	Already done.
			There should not be more then 4 classes per day	Due to BCI mandate number classes per week can not be reduced
		Faculty Member	Division of subjects as per their credits are desirable	Already rationalized
			Students are over burdened	Due to specialized program it is required to be rigorous
		Recruiter/Industry expert	No Suggestions for improvements	
6	BCOM LLB TAXATION LAW	Students	More practical discussion during teaching of the subjects	exposure at SoL.
			Teachers should focus more on the analytical understanding of the topics by the students	of.
			Classes should be 5 hours per day instead of 7 to 8 hours	have to complete the

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		UNIVERSITY WITH A PURPOSE
	lectures to be	Series of special guest lectures are organized at SoL, UPES.
	Need permanent faculty	Well qualified and experienced teachers are available at SoL.
	Practical aspects of the subjects must be taught	Each subject has an scope of 20% practical exposure at SoL.
Parents	Curriculum should be updated with the recent development in the field of study	Already an established practice at SoL.
	Curriculum should be designed to make it a relevant to real time applications	Course updation is done in each Semester.
	Workshops and seminars at the university should be available free of cost to the students	It will be ensured
	More emphasis on job aspects and employment opportunities	outcome based model
	Reduction in class	Due to BCI mandate it can not be diluted
	More classrooms infrastructure are required	5th floor of SOL building has been already handed over for lectures
Faculty member	Lengthy subjects should be divided into adequate parts	
	SGST to be merged with CGST	already rationalized
	CPC should be divided in two semester	0
Recruiter/Industr	y No Suggestions for improvements	or .

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7	LLM ENERGY AND TECHNOLOGY LAW	Students	Students prospectus were misleading as not all specialization were given to students	Specializations are subject to policy of minimum aspirants
			Choice of subjects for specialization was not given	Choice are subject to policy of minimum aspirants
			Taking into consideration the importance of specialization course No. of classes should be increased to cover the course properly	Already rationalised
			Course contents needs to be modified as per the credit allotted to it	Course updation is done in each Semester.
			Library should be having adequate no. of books and study materials	resources is an ongoing process.
			No. of research paper / projects should be reduced	
			The course content can be made more energy specific with more focus on the specialization. The subjects should be complimentary to each other. More classes required for the course.	More Energy Law content has been added. Now it covers renewable energy, shell gas and other relevant energy law domains. Some energy law content is also being delivered in seminar mode
			Increase the no. of classes and reduce the burden of projects	research in lega

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		UNIVERSITY WITH A PURPOSE
Parents	The curriculum of both the semester should be specialization centric focusing on the particular subjects. The credit of the subjects should be increased so as to get it easy for the faculty to complete the course.	point discussed and it was found that specialization papers are already rich in content.
	There should be an industrial visit for the students in this course also so that they can witness the working and experience of the industry. More practical approaches should be taught to them like how arbitration matters are dealt in industrial sector, real cases should be discussed and such others factors of it which provide more exposures to the students.	Industry training and internship are already there.
	The curriculum of both the semester should be specialization centric focusing on the particular subjects. The focus should also be on information technology and not only on intellectual property rights, the credit of the	point discussed and it was found that specialization papers are already rich in content.

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Sign of HoD

Sign of Dean

Sign of Registrar

School of Design



Minutes of Board of Studies (BoS): B. Des. Programmes

Date: October 27, 2018

Venue:	UPES Corporate Or	fice, New Dethi
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1	Board Room	Introductions and Agenda Setting	9:30 AM	9.45 AM
	PANEL 1: Room No 1 Prof Nishant Sharma	Transportation and Mobility Design	10:00 AM	12 NOON
	Manas Mishra Debashish Majumder	Industrial and Product Design	12 NOON	2.00 PM
2	PANEL 2: Room No 2 Or Nine Sabnerii Hemant Suther	Graphic Design	10 00 AM	12 NOON
	Manisha Mohan Rajan Iyer	Animation and VFX	12 NOON	1:30 PM
		WORKING LUNCH	-	
	PANEL 1: Room No 1 Manish Chandra Manas Mishra Rajan Iyer	Interior and Retail Space Design	3:00 PM	6:00 PM
3	PANEL 2: Room No 2 Dr Nine Sebnarii Hernant Suther Manisha Mohan Debashis Majumder	Interaction and Digital Design	2:00 PM	5:00 PM

Minutes:

We have taken detailed notes and are fine tuning course structures mentioned in above table based on your suggestions, summing up our key take away(s) across disciplines below:

- White the courses planned for our foundation seem appropriate, they can be deployed in a
 more granular way to engage the students better for instance daily drawing practice for an hour
 through the semester rather than 18 credits together. Similarly for Science and Liberal Arts
 which could be 3 hours a week rather than all at once.
- Learning could be more assignment and project based, rather than theoretical to enhance learning skills of students (learning to learn)
- Writing and presentation skills to be given more focus at each stage. Storytelling is a core skill for designers to develop.

School of Design



- Similarly drawing is a core skill and especially in programs like Transportation Design sketching practice should continue throughout.
- Mid Semester juries are not followed in other design colleges rather than that we could give more focus to be given to assessment of individual courses through the year.
- Sequencing of each program was reviewed and a closer look was given to the progression

 to ensure that the initial courses were not overwhelmingly difficult, deeper focus was given to
 the fundamentals, and the later courses could be recrafted to be more application oriented and
 industry aligned.
- Digital skills were considered important throughout however they would need to be sequenced better complement the conceptual progression – which should always take the lead.
- Broad-based programs such as Digital Design could be recrafted to include a bouquet of courses in the 3Rd and 4th year to allow students to specialise further in areas of their choice.
 Additionally these courses could offer cross-disciplinary opportunities – working on robotics, IoT, Digital Retail, Smart Product Design etc along with our other disciplines and UPES schools.
- Names of courses were given more focus to make them easier to understand and better defined – for instance "Illustration II" could be converted to "Image Making and Representation".
- Courses like "Project Management" and "Entrepreneurship and New Business Models" are important across programs - primarily in the VII semester - these could replace "Design Management"
- 11. The final Degree project in the VIII semester could offer more flexibility to the student. The students who get an industry project could be allowed to interpret it as multiple projects as the pace is much faster. Students who prefer to do a more research-based project could be allowed to do it in the University. The design process would be important to present in each case in the final jury.
- 12. All programs were looked at from the role future designers need to play as well as the inclusion of future technologies relevant to that particular discipline.

The suggestions given by each members of BoS were very relevant and will definitely help to strengthen our curriculum going forward. Therefore, the Dean has decided to design the curriculums for all B.Des. Programmes based on above feedbacks.

Signature of Dean

(School of Design)

Programme feedbacks by different stakeholders School of Design



Student Feedbacks	Action Points
WORKSHOPS FOR ID ARE VERY HELPFUL	Appreciate the comment. Good number of Master classes are conducted by Prof. Vikash or other experienced Industry Experts. Students should attend these master classes.
Please ask the teachers to make the students understand the meaning of each assignment and also give students time to do self- exploration	Lesson plan has been share to all the students to explain each and every assignments to students
THE SUBJECTS WERE GETTING IS GREAT AND MORE ENJOYING BUT MORE FIELD RESEARCH AND TRIPS WILL BE GOOD. ALSO MULTIPLE PEOPLE WORKING TOGETHER IN A PARTICULAR PROJECT.	Good teaching-learning practices will be continued.
Doubts could be clarified more properly	Students need to follow the lesson plan for more clarity and should meet faculty member in regular basis.
The relation between assignment and future use should be explained	Assignment and its correlation with industry practices are generally explained by respective faculty member in the class
University should provide better ambiance according to course. Subject wise better planned time.	Students are asked to utilize the good facilities such as Muc Lab, Cintiq lab, workshops etc. as per their requirements
Please provide an exclusive list of reference books with each subject	Reference book list is there in the syllabus booklet and all faculties are sharing the same with students Students are asked to meet faculty members if they missed to collect the book list.
I'm happy with EOD and Geometry. Sketching could have been much deeper and better!	Good teaching-learning practices will be continued.
Good	Good teaching-learning practices will be continued.
The theoretical classes could have been more innovative and student interactive	Faculty members are giving interactive and innovative theoretical inputs to students.
NEED MORE TIME TO BE SPENT FREELY INSIDE THE COLLEGE TO UTILIZE AND WORK WITH PROVIDED RESOURCES	Free days are kept in the timetable
LONGER WORKING TIME FOR LABS AND MACHINERIES	Extra time is already given for model making/ prototyping
BRING BACK MID SEMESTER EXAM.	Continuous evaluation (Mid-Course and End Couse Evaluation) is strengthen and implemented instead of mid-semester jury

Programme feedbacks by different stakeholders School of Design



Faculty Feedbacks	Action Points
The course can emphasise more on skillset and conceptual thinking	Good number of courses are on skillset/ Principles of Creativity and Innovation is flowted as open elective for enhancing conceptual thinking
Need more dedicated time for practicing sketching	Free time kept in the timetable for practicing sketching
Student strength is growing day by day. Ideally we should increase classroom space and workshop space	Allocating more number of classrooms
Need more focus on skill building/ fuse courses to increase the credit as per the relevance of course	Flexibility is given for faculty members to fuse relevant course with the semester project for better outcome
At a time I feel difficult to accommodate the course gravity and intensity in terms of course credits, just to fit into the credit format	Flexibility is given for faculty members to fuse relevant course with the semester project for better outcome.
Physical models should be introduced / prototyping should be encouraged	Appreciate the comments. However it is happening in may programmes such as Transportation and Product design
Looking at the student strength, more faculty required	Recruiting more faculty member. It's in process.
Need to periodically improve the resolutions	We are improving resolutions for different numbers

Parent Feedbacks	Action Points
Flexibility in programme and learning	Good teaching-learning practices will be continued.
Placements opportunities are good. Good work done by the student.	Good teaching-learning practices will be continued.
Faculties are friendly and helpful	Good teaching-learning practices will be continued.
Unaware of the programme but student is happy what they are doing.	Good teaching-learning practices will be continued
Placements are good. Rlaxed and happily pursuing the programme	Good teaching-learning practices will be continued
Happy with the faculty behaviour. Student is comfortable with faculty member.	Good teaching-learning practices will be continued

Industry/Expert Feedbacks	Action Points
Robust programme has been design	Good teaching-learning practices will be continued.
Flexibility in programme and learning	Good teaching-learning practices will be continued.
Programme is industry relevant	Good teaching-learning practices will be continued.
Business orientation is required	Programmes are now stressed upon business and entrepreneurship. We have courses on Venture Ideation and Design Management. It was also

Programme feedbacks by different stakeholders School of Design



decided to conduct workshops on innovation, entrepreneurship and IPR

Alumni Feedbacks	Action Points
Programme structure is now better than as it was at our learning period.	Programme curriculum has been revised. Good teaching-learning practices will be continued.
Flexibility in programme and learning is encouraged through elective courses	Programme Electives and More Open Electives has been incorporated in the curriculum
Programme is industry relevant	Good teaching-learning practices will be continued.

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Signature of the Dean

(School of Design)

B.Des.: Transportation and Mobility Design

Semester I (foundation)	25
Semester II (foundation)	25

SEMESTER III			
SINo	Subject Code	Subject	Credi
1		Automotive Sketching and Illustration- I	4
2		Vehicle Form and Aesthetics	4
3		Vehicle Design (styling) Process	2
4		Clay Modelling -l	2
5		Digital Sculpting -I	2
6		Project: Form Based Exploration & Aerodynamic Study	6

Total 20

SEMESTER IV			
SI No	Subject Code	Subject	Credi
1		Automotive Sketching and Illustration -II	4
2		User Studies	2
3		Basics of Ergonomics	3
4		Materials & Manufacturing Processes	3
5		Program Elective I	3
6		Project: Human Powered Mobility Solution	6

Total 21

SEMESTER V				
SI No	Subject Code	Subject	Credi	
1		Automotive Sketching and Illustration-III	3	
2		Clay Modeling-II	2	
3	Digital Sculpting-II	2		
		Vehicle Ergonomics & Packaging	3	
5		Automotive Engineering & Technology-I	2	
6		Project: Redesign of a Current Vehicle	6	
7		Venture Ideation	2	

Total



The open elective bucket for Bachelor of Design (Year 2018-22) batch is given below

- Each open elective is of 3 credits.
- All the open electives will be delivered at the same time during the semester so that students can upt for cross-decopholity courses
- The open elective bucket per seniester is approved and agreed upon hance no further changes are possible for abeliance and open elective bucket per seniester is approved and agreed upon hance no further changes are possible for abeliance.
- 4. It is the duty of the concern department to float the course
- 5. Student strength for each elective will be decided by the concerned faculty / department

		Open Elective 1 - Sem 3		
SI No	Code	Subject Name	Credit	Dept
1	SDOE 2002	Form exploration in Clay	3	TD
2	S00E2001	Elements of Form, space studies & composition	3	Interior
3	500E2006	Proceples of Creativity and Innovation	13	interaction
4	5DOF2003	Photography & Composition	3	Animation
5		Origanii	3	Animation
6	SDOE2005	Puppetry	3	Graphics
7		introduction to Psychology	3	HBO
8		Calligraphy	3	Graphics

		Open Flective 4 - Sem 6		
SINO	Code	Subject Name	Ernsht	Dept
1		Toy design	-31	10
4		Automotive illustration using Photoshop	10	(10
3		Fabrics and Furnishings	10.75	10000000C
4		Creativity with Bamboo	1	liderine.
5		Narrative Skills and Storyboarding	3	Animation
6		Moving Puppet making	1	Animatica
7		Social Communication	3	Graphi/A
H		Report Writing	3	HBO

		Open Elective 2 - Sem 4		
SI No	Code	Subject Name	Credit	Dept
100		Marker Rendering	3	TO
2		Design Anthropology Humanizing Technology for Society	3	interaction
3		Nature, Form and Space	3	Interior
4		Semiotics	3	Animation
5		SLA Anthropology	3	Animation
6	100	Kite Making	3	Graphics
7		Sociology	3	НВО
9		Expression through caricature	3	Graphics

		Open Elective 5 Sem	6	
SI No	Code	Subject Name	Credit	Dept
		Professional Automotive Photography	3	ETD.
2:		Typography & calligraphy	9	Animation
3		Tangible Interface Design	3	Interaction
4		Fashion Photography	3	Graphics
5		Acting & Theater exercise	3	Graphics
6		Biology for Engineers	3	HBO
.7.		Game without Equipment	3	(D
8		introduction to HCI	3	interaction

-		Open Elective 3 - Sem 5	100000	- married
SI No	Code	Subject Name	Credit	Dept
1		Biominicry	- 1	ID
2		Service Experience Design	1	interaction
3		Arts and Crafts of India	3	interior
4		Batik work in Leather	3	Interior
5		Illustration	3	Animation
6		Lip sync Animation	3	Animation
7		Fabric Printing	3	Graphics
8		Infographics	3	Graphics
9		Human Values & Ethics	3	HBO

Open Elective 6 - 5em 7					
SI No Code	Subject Name	Credit	Dept		
1	Automotive Tape Drawing	1	10		
2	Material Futures	3	Interior		
3	Personalized and Adaptive Interfaces	3	Interaction		
4	Kinetic installation	3	Ammation		
5	Scrap Installations	3.	Animation		
6	Emotional Design	31	HBO		
7	Product Augmentation in AR/VR	3:	Interaction		
8	Mural Design	3	Graphics		

With Regards

Manas Ranjarr Mishra 7105/20 (Academic Administrator)

1. Dean SOD : Manisha Mohan:

2. Coordinator Industrial and Product Design Manas Ranjan Mishra

3 Coordinator Transportation Design: Debashis Majumder

4. Coordinator Interior and Retail Space Design: Rajan lyer.

5 Coordinator Communication and Media design- Graphics, Soumitra Bhattacharva

6. Coordinator Communication and Media design-Animation &VFX: Sanjay Jangid.

7 Coordinator Communication and Media design-Interaction Design. Anirban Chowdhur

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B.Des.: Industrial and Product Design

Semester I (foundation)	25
Semester II (foundation)	25

SI No	Subject Code	Subject	Credit
1		Product Sketching and Rendering-I	3
2		Form Studies I	3
3		Model Making Techniques	2
4		Computer Applications I	3
5		Applied Ergonomics	3
6		Project Simple Froduct Delin	6
		Total	20

SEMESTER IV			
SI No	Subject Code	Subject	Credit
1		Product Sketching and Rendering-II	3
2		Form Studies II	3
3		Material and Processes	2
4		Computer Application II	3
5	in the same of	Visual Communication I	2
6		Program Elective I	3
7		Project: Lifestyle Product design	6
_		12/97/17	

	SEMESTER V				
Si No	Subject Code	Subject	Credit		
1		Product Styling	- 4		
2		Product Photography	2		
3		Design Portfolio	1		
4		Visual Communication II	3		
5		Surface Design: Color and Texture	2		
-6	100000	Project - Deapley and control	6		
7		Venture Ideation	2		
		Total	20		

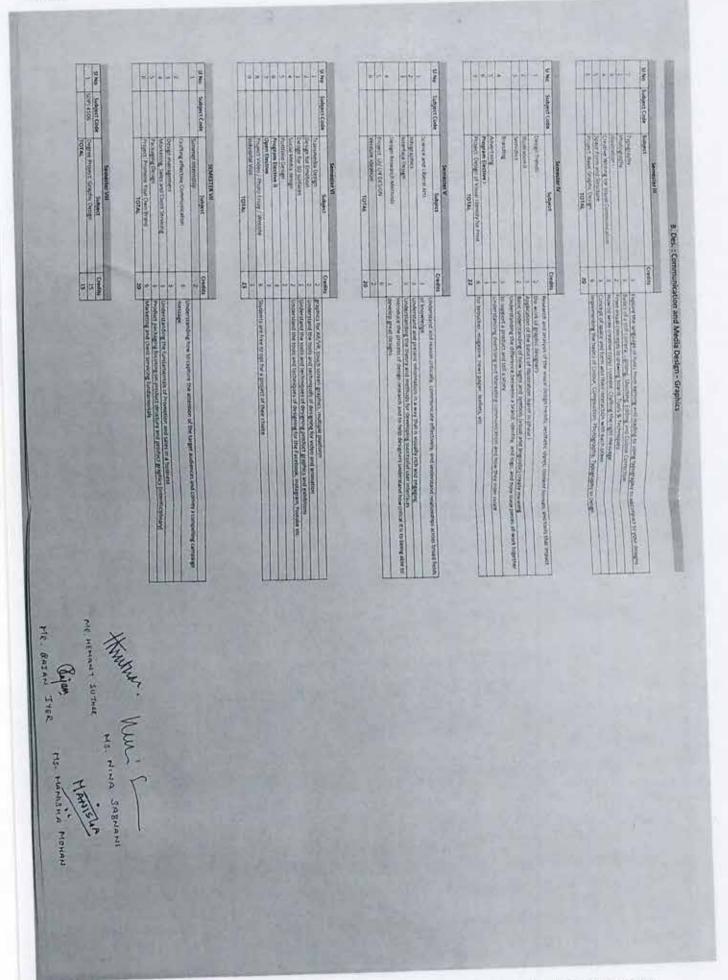
		SEMESTER VI	-
SI No	Subject Code	Subject	Credi
1		Design Research Methodology	2
2		Joining and Fastening Devices	3
3		Advance Matrial Technologies	2
4		Mechanism and Robotics	3
5		Program Elective II	3
- 6		Open Elective	3
7		Project Technically Complex Product	6
8	/	Industrial visit	1
		Total	23

SI No	le block code	SEMESTER VII	Credi
21.160	Subject Code		Crear
1		Design Management	3
2		Digital Interface and Experience Design	3
3		Semantics and Semiotics	3
4		Packaging Design	2
5		Design for Future	2
6		Project: System Design	6
7		Summer Internship	2
	-	Total	20

	the same	SEMESTER VIII	
SI No	Subject Code	Subject	Credit
1		Degree Project: Industrial Design	15
	-	Total	15

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B. Des: Interior and Retail Space Design

CLUM	THE STREET OF STREET	Semester III	-
31 140	Subject Code	Subject	Credits
3		Orthography & Design Representation	2
-		Materials Technology I	3
13.		Elements of Form, Space Studies & Composition	33
4		Attroduction to Commercial Interior:	3
		Introduction to Residencial Interior	3.0
0		Project: Simple Furniture & Ergonomics	1.6
		TOTAL	20

SINo	Subject Code	Subject	Credit
1	1	Digital Modelling 1 - 20	2
2		Visualisation & Sketching	- 2
11.		Materials Technology II	3
4		Nature: Form and Space	1
4		Structures, 50M and Joinery	4
0		Program Elective I	3
7.		Project: Outdoor Furniture and Structures	6
		TOTAL	23

-		Semester V	
SINO	Subject Code	Subject	Credit
1		Huilding Technology I	3
7		Digital Modelling II - 3D	2
3		Lighting & Illumination Design	2
4		Understanding of Design of Retail Spaces	4
5		Estimation & Working Drawings	2
-6		Project: Design of Commercial Spaces	6
7		Venture Ideation	2
		TOTAL	20

	THE STATE OF THE S	Semester VI	
SINO	Subject Code	Subject	Credit
1		Building Technology II	2
7		Typography & Panel graphics.	1
3		Fitout in Residential and Commercial Spaces	4.
4:		Program Elective II	3
5		Open Elective	3
303		Project: Space Design for Differently Abled	6
(3)		industrial Visit	1
		TOTAL	22

SI No	Subject Code	Subject	Credit
1		Summer Internship presentation	2
-2		Set Design	2
3		Systems Design & Design thinking	4
4		Hospitality Interiors	3
5		Design Management	3
6		Project: Design and Project Management	6
		TOTAL	20

		Semester VIII	State of the last
SI No	Subject Code		Credits
1	SDP1 4106	Degree Project: Interior & Retail Space Design	15
		TOTAL	15

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Rajan Tyer - Pajan
Maras Wishra - Man

SEMESTER VI			
SI No	Subject Code	Subject	Credi
1		Vehicle Interiors and Interface	4
3		Visual Communication and Portfolio Creation	2
		Colour, Material, Finish & Garnish	2
4		Digital Rendering and Special Effects	3
5		Program Elective II	3
6		Open Elective	3
7		Project : Transportation System Design	6
8		Industrial visit	1

Total 24

SEMESTER VII			
SI No	Subject Code	Subject	Credi
1		Automotive Engineering & Technology-II	2
2		Trend Analysis of Automobile Design	2
3		Vehicle Prototyping	5
4		Design Management	3
5		Project : Vehicle for Special Needs / Futuristic Vehicle	6
6		Summer Internship	2

Total 20

SEMESTER VIII			
SI No	Subject Code	Subject	Credit
1		DegreeProject: Transportation Design Project	15
		Total	15

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(Mumni-PD)

27/10/18



Minutes of Meeting - BoS-2019

Date, Time & Place	21st May 2019
Subject	Board of Studies – 2019
Attendees	Attendance Sheet Enclosed
Absentees	Attendance Sheet Enclosed
Minutes Compilation Resp.	Anurag Sati (Sr. Executive O/o Dean – SoB)

The meeting was called to discuss the CCM of all four departments:

Departments in School of Business

- 1. Department of Energy Management
- 2. Department of Transportation Management
- 3. Department of Economics & International Business
- 4. Department of General Management

The Meeting was chaired by: Dr. Deepankar Chakrabarti, Officiating Dean – School of Business. He started the meeting with introducing Guests with all members from all four departments. The Meeting Started with Presentations and modifications of Grid/Syllabi from Departments as:

Department of Energy Management

MBA OIL & GAS MANAGEMENT

- · There are very few changes in MBA Oil & Gas Management
- · Purpose of changes are to reduce the Credit Load and overlapping of the courses.
- New proposed grid have 107 credit in place of 110 in earlier grid.



MBA ENERGY TRADING

- New proposed grid have 110 credit in place of 113 in earlier grid.
- In 2nd Semester: Subject "Energy Trading II (Power and Emissions) (OGET 7005)" to be renamed to "Energy Trading II (Power and Renewables)".

Department of Transportation

- The name of the department should be changed from Transportation Management to Department of Supply Chain Management.
- Program Electives to be reduced to 3 credit (2 Face-to-Face & 1 HBO mode)
- New Program Elective to be introduced in LSCM: BIG DATA
- Internal Evaluation to be rigorously integrated where credits have been reduced.

MBA - AVIATION MANAGEMENT

- A new subject <u>Airline Service Operations</u> of 3 credits to be launched in the Semester IV
 - The course may contain following modules:
 - Fuel Operation
 - Crew Scheduling
 - GH Operations
 - MRO Operations
 - Airline CRM

BBA - LOGISTICS MANAGEMENT

(Modules to be Omitted / Deleted)

- 1. Operations Management (LSCM 1002) 3 Credit SEM II
- Materials Management (LSCM 2003) 3 Credit SEM III
- Demand Planning & Forecasting (LSCM 2008) 3 Credit SEM IV
- Consumer Behavior & Market Research (MKTG 2002) 3 Credit SEM V
- Total Quality Management (LSCM 3004) 3 Credit SEM VI
- Demand Planning & Forecasting to be shifted to Program Elective Basket
- Total Quality Management to be shifted to Program Elective Basket
- Packaging for Logistics to be introduced as compulsory Module,

NEV	V PROGRAM ELEC	TIVES F	PROP	OSED
	BBALM	1		
Subject Code	Subject	Credits	Sem	Proposed/Offered
LSCM 2010	Technology Management	3	ш	Proposed
LSCM 2010	Agri Logistics	3	Ш	Proposed
TRAV 2003	Service Operations	3	v	Proposed
LSCM 3009	Supplier Relationship Management	3	v	Proposed

BBA - AVIATION OPERATIONS

- Operations Management (Credits 3) to be introduced in Sem II
- Materials Management (Credits 3) to be introduced in Sem V
- Aviation Safety and Security (Credits 3) to be introduced in Sem V
- Introduction to Aviation Industry (Sem I), Module 5: Concept of Revenue Management to be Introduced in that.
- Aviation Marketing (Credit 3) to be removed from Sem VI; In its place Project Management(Credit 3) introduced.
- International Business (Credit 3) to be removed from Sem V
- Understanding of Aviation Business (Credit 3) to be removed from Sem V.

DEPARTMENT OF ECONOMICS & INTERNATIONAL BUSINESS

MBA INTERNATIONAL BUSINESS

Total Credit reduced from 93 to 90 in MBA INTERNATIONAL BUSINESS

MA ENERGY ECONOMICS

Total credit of the MAEE program is reduced to 85 from 95

BA PUBLIC POLICY

- Economics I to change to Microeconomics
- Economics II to be changed to Macro economics
- This change could be modelled on topics being taught in B.A. Economics
- Considering the similarities in the syllabus of Political Science I and II certain topics are to be removed from either paper.
- Political Science I consists of syllabus of Political theory which should be taught only after Political thought is taught. Hence, topics covering political thought should be included under Political Science I and topics covering Political Theory should be included under Political Science II.



 The only paper of Sociology deals with Introduction to Sociology. One more paper on Indian society to be included

BBA FOREIGN TRADE

- It was proposed and decided that two subjects i.e. in semester (iii) Trade documentation & semester (v)
 Custom Clearance need to be combined into one and shall remain part of Sem III
- Business Laws course should be shifted from Sem VI to Sem V considering that some students miss on it due to early release/placement.
- Consumer Behavior and Market Research' should be reduced to 1 credit course instead of 3 as students study Consumer Behavior in Marketing and in Research Methodology.
- Present student/Alumni (Ms. Naveena Penmetsa and Mr. Prabhjot Singh) proposed introduction of foreign language (French/Spanish) as credit course from Sem III onwards. Being a foreign trade student, it is necessary that students should know one foreign language to give them an edge during placements.

Feedback from Stake Holders

- 1. To review action taken on feedback received from stake holders:
- Action taken against the feedback received from various stakeholders was discussed and suggestion were annexed.
- 3. The recommendations are approved and forwarded to IQAC and Academic Council for further approval.

The Board of Studies – 2019 was concluded with the above mentioned changes from all four departments. Dr. Deepankar Chakrabarti thanked guests and all members from all four Departments.

(Dr. D. Checrasars) offwaty Dear-50B



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MRA FT	MBA ET	BBA OG	BBA OG	BBA OG	BBA OG	BBA OG	MBA OG	MBA PM	MBA PM	MBA PM	MBA PM	Name
Student	Student	Student	Faculty	Faculty	Parents	Student	Parents	Alumni	Alumni	Alumni	parents	Stake holders
Special classes on Data Analytics, Operation Management, Project Management & Block Chain & Al should be conducted.	Latest Case studies should be included in the curriculum	Arranging extra classes for the selected subjects	Disciplinary actions will be taken strongly againt UG students for not attending Naftanomics	Disciplinary actions will be taken strongly againt UG students during IV	Gap in timetable	Attendance & Timetable not shown on student SAP portal	More conerned towards the placements in Domain based organizations	Extension of Time Claims should be introduced, and various methodologies involved should be briefed. Had been a crucial part for many construction projects, where understanding of costs, time and contracts are very crucial.	PPP Framework and Process cycle involved in procurement of a PPP Delivery Partner is a must study. Management consultants are getting a dominant role in such projects, replacing engineering consultants.	Project Finance, with financial modelling should be given importance. Had to provide support for financial modelling to Finance graduates who have very limited understanding of infrastructure sector.	8 4	Suggestions by stake holders
Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Action taken

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Dr. S Bagri suggested to add more modules and to minimize the credits. 2. He also suggested that four credits of Financial Accounting and Foreign trade will be taken up in next CCM.
Documentation, Trade analytics, SIP etc.
Suggested that the Nomenclature for Foreign Trade Policy, Procedures & Oction not taken as the faculty experts some Documentation and Principles & Practices of Management should be changed & named as Export & Import Management and Business Statistics contents.
We have been doing this. But more focus on teaching the contents towards the employability
Action Initiated
Action Initiated
NE AMENTS (NIBA IB 1 YEAR BRICH SUDGEST STARTES THE POSITIVE
Feedback collected and compiled for the curriculum Enrichment from successions in the Departmental Consultative Committee
MBA IB

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					Faculty	
				Dr. Prasoom gave an offline projects for the students in different field.	Dr. Jayaraj briefed the changes suggested the importance of updating of Trade Analytics domain elective paper and explained the changes to be made as per the recent global trade scenario. The suggested changes were accepted by both the experts and participants	Dr. Jayaraj, Associate Professor of Department explained the inclusion of "Cash & Trade" in Foreign Exchange Management & Trade Finance which was appreciated by Mr. Nittin Mittal. Changes accepted by the experts and participants
Date:	Signature of Head of Dept.			will be taken up in next CCM	Action Taken	Action Taken

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ACTION TAKEN REPORT ON FEEDBACK COLLECTED FROM STAKEHOLDERS

Name of the Department: Department of General management

Session: 2018-19

6	5	4	ω	2	1	S.No
BBA media management	MBA -specialization in Marketing/Finance/Marketing/operations	MBA -specialization in Marketing/Finance/Marketing/operations	MBA -specialization in Marketing/Finance/Marketing/operations	MBA -specialization in Marketing/Finance/Marketing/operations	MBA -specialization in Marketing/Finance/Marketing/operations	Program Name
student	Faculty	Faculty	Student	Student	Student	Stakeholders
Sometimes participative learning lacks	finance subject should be offered in 3rd & 4th semester	PPM should be merged with OB	The MBA program should have electives on functional subjects	If less than 3 subjects are provided it could improve the quality	More Electives required	Suggestions by stakeholders
More group discussions and case studies are functional.	There is Equal Spread of Core and Elective Subjects across all Semesters.	Implemented	There are Open Electives offered to the Students along with Program Electives	Every Program requires Minimum Credits to Cover for the Award of degree, hence shall be difficult to comply with	Implemented with 4-5 courses	Action taken

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NOT IIII premenca	Some focus on Startup & Entrepreneurship	Recruiter	MBA -specialization in Marketing/Finance/Marketing/operatio	9
practice.	in providing technical knowledge rather than providing only theoretical knowledge.	Alumni	BBA Financial services and marketing	∞
Real time case studies are in	- Control			
practice.	Course Should be designed to focus practical implications	student	BBA Digital marketing	7

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ACTION TAKEN REPORT ON FEEDBACK COLLECTED FROM STAKEHOLDERS

(Action item no. 32 for DCC dated 22 April 2019

Name of the Department: Department of Transportation

Session: 2018 - 19

2	4	3	2	NE T	S. No. P
	MBA LSCM	MBA LSCM	MBA LSCM	MBA LSCM	Program Name
	Alumni	<u>P</u>	AI .	Alumni	Stakeholders
CHIMICHI	Internship period should be of 6	Supply Chain Analytics can be offer as open elective for MBA (LSCM) in combined with MBA (BA), which is a core course for them in place of Big Data in SCM.	Overview of Business Sectors: Dock Management overview should be incorporated	Special focus should be given to packaging and private labeling in Retail Management	Suggestions by stakeholders
	Not feasible to implement internship for 6 months across the school as its school/university level policy	Implemented in 2019 grid as program elective for MBA LSCM	Special session was conducted by Prof. Mihir Das on Exploring Dimensions of Port Logistics on 8th Jan	Recommended in DCC held on 22nd April 2019 & implemented on course outline	Action taken
		A3 (MBA LSCM course Grid)	A2.1, A2.2, A2.3 (Guest Lectures sheet)	A1 (DCC MOM)	Document ribal Attached









A6, A7 (Course Plan - SCA & QM)	In subject like quantitative methods, more focus on Linear Programming	More focus on lean production, Scheduling and Transportation problems – by Prashil Aggarwal	Alumni	MBA LSCM	00
AS (Course Plan-Lean SC MBA LSCM Case Study)	Case based learning approach has been incorporated in most of the subjects particularly domain courses such as Forecasting, Lean Supply Chain Management, Introduction to Supply Chain Management, Retail supply chain management, Operations management, etc.	Case study based learning should be adopted;	Alumni	MBA LSCM	7
A2.1 , 2.2, 2.3 (Guest Lectures sheet)	Adequate number of Guest lectures conducted during the semesters in the subject like Overview of Business Sectors (more than 8 sessions conducted).	Increase in guest lectures – by Gaurav Singh Bisht (CEL, Sahibabad)	Alumni	MBA LSCM	o.
A3 (MBA LSCM Gcourse Grid) A4 (Six Sigma Certificate KPMG)	1. Included Certification courses like SIX Sigma by KPMG as an optional course in the month of Jan 2019. 2. Two credit course i.e. optimization through spreadsheet already running. In addition to excel modeling workshops and taught by the other faculty members in other courses like QM, Accounting. Finance, BRM, etc.	Certification courses such as SAP , SIX SIGMA, TABLEAU and EXCEL should be made mandatory for students for best job opportunities – by Piyush Bhatt (Swiggy, Bangalore)	Alumni	MBA LSCM	5

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A11.1, A11.2 (Industrial visit photo and report)	1. Student go for industrial visit and get a	Visit more factories;	Recruiter/Industry Expert	MBA LSCM	13
A10.1 (internship certificate) A10.2 (PEP and PSI certificate)	1. Mock interviews taken by Dr Gopal Chanana (Humanities Department) to prepare the students and improve their communication and skill sets. 2. PEP and PSI sessions are conducted by Humanities department where expert from domain and HR conduct the mock interviews	Seems good. May be a bit more on communication	Recruiter/Industry Expert	MBA LSCM	12
		Quite effective as the college is domain specific – by Norvic Shipping (date: 17 Jan 2019)	Recruiter/Industry Expert	MBA LSCM	11
A9 (Program Evaluation by Recruiter)		its relevant 7 on a Scale of 10 – by GMI (date: 12 Nov 2018)	Recruiter/Industry Expert	MBA LSCM	10
A8 (Flexism simulation)	Flexism simulation workshop already incorporated by our department for the students	Placement companies are good but packages offered should rise with growing inflation; Block Chain TechnologyNo touch order Clearance Technology using SAP tools - by Sumeet Shetty (Reliance Industries, Navi Mumbai)	Alumni	MBA LSCM	۷
	Problems, Assignment Problems, Transportation problems, and subjects like supply chain analytics introduced to give a practical exposure different analytical methods.	(Kuhne Logistics University, Hamburg Germany)			

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MBA LSOM Case Study)	Case based learning approach	More case study should be involved	Parents	MBA LSCM	21
Lectures)		Introduce more industry oriented sessions	Parents	MBA LSCM	20
A2.1, A2.2, A2.3 (Guest	Noted	Open elective subjects should not have end term examination	Student	MBA LSCM	19
A1 (DCC MOM)	Recommended in DCC	Less number of subjects semester wise should be incorporated	Student	MBA LSCM	18
	Implemented and done	Providing relevant study material by faculty on time	Student	MBA LSCM	17
MBA LSCM Case Study)	Noted and doing it.	Practical knowledge instead of theoretical teaching	Student	MBA LSCM	16
A3 (MBA LSCM course Grid) A5 (Course Plan-Lean SC	Noted and doing it.	Classs room should be discussion based, not presentation based	Student	MBA LSCM	15
A12.1, 12.2, A12.3 (Logistikas, Workshops and (Conference)	study and sports, both are equally important. To focus on sports, students are getting more involved in extra curricular activities events like Logistikas, WOW Wednesday, Tournaments, etc. Students are also participating in sports activities in other universities.	So many candidates are not practicing Sports because of time bond in study – by Decathlon (date: 22 Nov 2018)	Recruiter/Industry Expert	MBA LSCM	14
	generally tour is of 4 to 5 Generally tour is of 4 to 5 days. 2. In 2019, the students went for industrial visit i.e. Tupperware.	w o o p			



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	MBA LSCM	MBA LSCM	MBA LSCM	MBALSCM	MBA LSCM
	Recruiter/Industry	Recruiter/Industry Expert	Recruiter/Industry Expert	Recruiter/Industry Expert	Parents
			Should be more industry exposure; Strong number Skill required; Technical background required; Reading habit of latest development around required; Existing & upcoming trends to be discussed in terms of case studies or examples – by Reliance Retail (date: 3 oct 2018)	The course covers the main areas but some focus on Live Projects & Indian Economics situation should be added; Knowledge of hobbies or areas of interest; Some focus on Startup & Entrepreneurship – by Mavyn Trucking Exchange (date: 24 oct 2018)	More industry related courses. Workshops should be conducted.
tupperware.	conducted. Summer internship for 2 months in industry. Industry-Academia interaction at UPES. Students visited	focu	1. Industry-Academia interaction happens during conferences, workshops, and for the subjects like Overview of Business Sectors. Case based learning approach is followed in subjects such as Lean SCM, etc.	Focusing more on entrepreneurship skills. Our one of the student "Mr Pranjul Tiwari" became an entrepreneur in Dehradun. UPES is now more focusing on venture ideation to give an idea to student and make new plans.	
13/4	A10.1 (internship certificate) A2.1, A2.2, A2.3 (Guest Lectures sheet) A11.1, A11.2 (Industrial visit photo and report)	A1 (DCC MOM)	A2.1, A2.2, A2.3 (Guest Lectures sheet) AS (Course Plan-Lean SC MBA LSCM Case Study)	A14.1, A14.2, A14.3, A14.4 (Venture ideation and Entreprenuer of Pranjul Tiwari)	A2.1, A2.2, A2.3 (Guest Lectures sheet): A12.2, A13 (workshops)

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	Motivating students to read articles, aware about current affairs.	Affairs related to logistics—by Aash Logistics (date: 30 oct 2018)	Recruiter/Industry	BBALM	32
A16 (course grid of BBA LM	Pradeep Chauhan, Dr Ruchi Tyagi, etc, explain the job roles information relevant to their areas.	Con accordance	Recruiter/Industry Expert	BBA LM	31
A17 (industrial visit)	Industrial visit conducted. Industry-Academia interaction at UPES.		Recruiter/Industry Expert	BBA LM	30
A16 (course grid of BBA LM)	ă:	Replace Technology Management with Agri-Logistics as Program elective and Develop outline.	<u>P</u>	BBALM	29
A1 (DCC MOM)	Recommended in DCC held on 22 April 2019 & implemented on course outline	Include Inventory management as a separate module before capacity (Include definition, type, cost, purpose and deterministic model in Materials Management	Academic Expert		
A15 (Letter of Recommendation)	Good quality internship get Letter of Recommendation.	Focus should be on good quality Internship — by AIRA Consulting (date: 27 oct 2018)	Recruiter/Industry Expert	BBAIM	28
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