Manav Rachna University

(Formerly Manav Rachna College of Engineering)

Faridabad

Minutes

OF FOURTEENTH MEETING

OF

ACADEMIC COUNCIL

Dated: 20.09.2020

MINUTES OF FOURTEENTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ONLINE THROUGH ZOOM APPLICATION ON 20.09.2020 AT 11:00 AM.

A meeting of the Academic Council of Manav Rachna University was held on Sunday, Dated 20.09.2020 at 11:00 AM to consider various academic matters.

The following were present:

1) Prof. (Dr.) I.K. Bhat, Vice Chancellor / Chairman
2) Prof. (Dr.) S.K. Garg, Professor, DTU, Delhi
3) Prof. Kanupriya Sachdeva, Professor, MNIT, Jaipur
4) Prof. (Dr.) Anita Rastogi, Professor, JMI, New Delhi.
5) Prof. (Dr.) Sangeeta Banga, Dean,Academics
6) Prof (Dr.) Pradeep Kumar Varshney, Dean, Research
7) Prof. (Dr.) Parul Jhajharia, Dean, Management & Commerce
8) Prof. (Dr.) Shruti Vashisht, Dean, Students Welfare & HoD, ECE.
9) Dr. Babita Parashar, Dean, Education
10) Sh. Ajay Thomas, Director. Law (Special Invitee)
11) Ms. Hanu Bhardwaj, HoD, Computer Science & Engineering
12) Prof. (Dr.) Sujata Nayak, HoD, Mechanical Engg.
13) Prof. (Dr.) Versha Vahini, HoD, Law
14) Dr. Jai Prakash, HOD, Physics
15) Dr. Rashee Singh, HoD, Education.
16) Dr. Deepa Arora, HoD, Mathematics
17) Dr. S.K. Shukla, HOD, Chemistry ,
18) Prof. (Dr.) Geeta Thakur, Professor, Education & Head ASLI
19) Prof. (Dr). Sushmita Ray, Professor, CSE
20) Prof. (Dr.) D.K. Sharma, Professor, Physics
21) Ms. Meena Kapahi, Assoc. Professor, Chemistry
22) Dr. Jyoti Pruthi, Assoc. Professor, CSE.
23) Dr. Paragati Chauhan, Associate Professor, Mgt. & Com.
24) Dr. K.Singh, Registrar/Member Secretary

The following members could not attend the meeting due to their other professional engagements. They were granted leave of absence by the Chair:

- Prof. (Dr.) Devender Kumar, Professor, D T U, Delhi.
- Prof. (Dr) R.K. Singh, Professor, DSE, Delhi

- Prof. (Dr) Raj Senani, Professor Emeritus & Former Director, NSIT
- Prof. Pilli Emmanuel Shubhakar, Associate Professor, MNIT, Jaipur
- Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering,
- Prof.(Dr.) G.S. Bajpayee, Professor & Registrar, National Law Univ., Delhi,
- Dr. S.K. Goel, Executive Director, Star wires (India) Ltd. Faridabad.,
- Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India,

Following are the minutes of the meeting:

The Registrar welcomed all the members present in the meeting. He extended special welcome to Prof. Geeta Thakur, Professor, Education who attended the meeting as member of the Council for the first time and also expressed his gratitude to outgoing member Prof. A.K. Gupta, Ex Professor Chemistry for his valuable contribution during his stint as Member of the Academic Council. With these words, he requested the Vice Chancellor to open the meeting with his brief remarks.

14.1 Opening Remarks by the Chairman

Vice Chancellor greeted the members and said that during the period of pandemic, Manav Rachna University along-with imparting instructions online; also conducted/participated in various activities/organized events. These are:

(A) University Related

1. As per Times Engineering Survey, 2020, Manav Rachna University is declared among the Top 3 emerging Engineering Institutes of the country. It is also the topmost promising and emerging institute for Placement and Research Capability.

2. MRU also received the QS I-Gauge E-Lead Certification for its readiness to deliver online education in appreciation of the digital shift and readiness level of the University towards online education during the global pandemic on 31st May 2020.

3. MRU started with its classes for senior semesters on 26th May in online mode which was concluded on 11th September, 2020. All internal assessments, T1 & T2 were conducted properly and video proctoring was carried out during the Formal assessments using Google meet and University LMS system. End Term Exams are starting from 21st September.

4. All the practical sessions were conducted using Virtual Labs/Open Source Software /Simulation Software. For few Courses which have 40-60% Labs are to be conducted in physical manner in October by calling the students in batches and following the protocol prescribed for COVID-19.

5. Period from October to December will be utilized for students trainings, projects and research work and the New Academic session will start from Jan 2021.

6. Admissions for the Academic Session 2020-21 are currently going on and hope the after the declaration of results for JEE, NEET, etc. the same will pick up in coming weeks; and the university would be able to have more admissions in all the programs as expected.

7. For the Students admitted till now, Orientation Programme has started from 01.09.2020 under the guidance of Dean Academics and Dean, Students Welfare, where interaction with all the central teams like CDC, CRC and Dean Research was held and currently, students are undergoing the department specific orientation. Regular classes will start from 1st Oct.

8. A Memorandum of Understanding (MoU) was signed on January 14, between Manav Rachna University, Truechip Solutions Pvt. Ltd. and Future Tech Wizards LLP. Earlier it was for providing Support in terms of student's projects & Trainings but with the signing of this MoU, MRU will now offer specializations in VLSI & Health Care Technology to ECE students in collaboration with them.

9. Manav Rachna University is one of the 7th Institutes in India that have been selected by Amazon AWS Educate to deliver cloud computing curricula from the Amazon Web Services (AWS) Educate global initiative into its mainstream college syllabus to help develop the next generation of cloud professionals. The cloud computing content from AWS Educate will be offered as part of Bachelor of Technology (B. Tech) in Computer Science and Engineering program starting in October 2020.

10. Department of CST has signed MoU with Microsoft for Azure Skills University Engagement programme for its B.Tech. final year students for enhancing their employability skills.

11. Manav Rachna University (MRU) and ICT Academy (an initiative of Government of India) signed MoU that shall encompass Faculty Development, Skill Development, joint Research and Publications, Entrepreneurship Development, Digital Empowerment and a strong Industry Academia Interface.

12. Faculty of Law under its Centre of Excellence in Alternate Dispute Resolution conducted 21 Webinars in the area of Arbitration & Mediation during the lockdown period under the able leadership of Mr. Ajay Thomas, Director Law. More than 500 participants were benefitted.

13. Faculty of Law is also in the process of setting up Centre of Excellence in the area of Legislative Studies & Research. Mr. P K Malhotra, former Union Law Secretary to the Government of India has been appointed as the Executive Chairman of the Centre.

14. During this period, Under the Manav Rachna Center for Peace & Sustainability, seven webinars were organized. The resource person for the sessions were, Dr. Karan Singh, Dr. Rajender Shinde, B K Sister Shivani, Dr. Muzaffar Ahmed and recently by Rishi Vidhyadhar Ji from Art of Living.

15. Department of ECE, Mechanical, Education, Physics organized FDPs on latest technologies for their faculty as well as for other institutions.

16. During this period, faculty and students completed more than 700 certification courses on Coursera, Edx, Altair University, NPTEL Swayam and other MOOCs platform.

(B) Placements

1. Placement process for 2020 Batch is still in progress. The department wise placement position is as follows:

   (a) CSE - 110 students out of 131 eligible candidates place with EXTRAMARKS with Highest Salary Package: 12 LPA. (Average Salary Package: 3.5 LPA)

   (b) ECE - 15 students out of 22 eligible candidates placed with LIDO LEARNING. Highest Salary Package: 10 LPA, Average Salary Package: 3.9 LPA.

(c) ME – 19 students out of 38 eligible candidates placed with SONALIKA INTERNATIONAL TRACTORS.Highest Salary Package: 5.5 LPA, Average Salary Package: 3 LPA

(d) Chemistry, BBA & Education- 8 Students were also placed with Jubilant Chemisys and Wipro with average a salary Package of 3.5 LPA.

(e) Placement process for Engineering Batch 2021 also has initiated, some students have already been placed, 44 students are shortlisted for Capgemini and the final results are yet to be declared.

(C) Dean Research and Innovation Activities

1. 55 research papers have been published/presented by faculty members and students in peer reviewed National and International Journals listed in Scopus and WoS (25 Nos.), UGC and other databases (10) and presented in conferences (20).

2. Faculty Members & Students registered and successfully completed online courses/certifications on various platforms including Coursera, Edx, Altair University, IBM Cognitive Class AI, Acloud Guru, NITTR, MHRD Innovation Cell, Xebia, iCarnegie, IPPO and Google Analytics during the last six mon

3. Prof. D. K. Sharma, Professor Physics and Dr. Ananna Bardhan, Asst. Professor have contributed one book chapter entitled Role of Meteorological Parameters on Atmospheric Aerosols Concentration and its control through modern biomass application in the forthcoming book entitled "Bioenergy: Technologies and Future Sustainability" published by TERI, INDIA, (2019).

4. Dr. Aditya Sharma, Asst. Professor has been appointed as Associate Editor of "Interface Assisted Phenomena for Advanced Applications" in Applied Nanoscience (SCI, Journal with I.F. 3.5) of Springer-Nature. ISSN- 2190-5517.

5. Dr. Sharma also contributed one book chapter entitled Bottom-Up and Top-Down Approaches for MgO, Sonochemical Reactions,, IntechOpen, 2020, page1-32.

6. 5 days lecture series from 10th-15th August 2020 was organized by Centres of Excellence -Daikin India Pvt. Ltd. head Mr. Piyush Mahendru on the topic HVAC for faculty and students.

7. Dr. Manmeet Bali Nag, Associate Professor Management is selected for the role of reviewer for the prestigious NAFSA Conference

8. Ms. Himani Saraswat and Ms. Surekha Chaudhary Students of M.Sc. Physics published three research papers in International journals listed as (SCI/SCOPUS).

9. **MRU submitted DSIR certification application under SIRO** on 27.06.2020 for tax exemption of the procurement of laboratory equipment.

10. Faculty members of Management and Commerce department namely -Dr. Subodh Saluja, Dr. Animesh Singh and Dr. Manmeet Bali Nag have applied for **AICTE-UKEIRI Technical Leadership** program on 10.07.2020

11. University has applied for **Utkrishth Sansthan Vishwakarma Award 2020** on 10th July 2020.

12. Workshops on NISP Implementation were organized for all department faculty members and students starting from 27.8.2020 to 10.09.2020.

13. 10 Research proposals worth about Rs. 5.8 Cr. (approx.) submitted by faculty members of various departments in schemes of MATRICS, SERB, NOSTC, MEITY, AIU, STRIVE, Ministry of Mines, National Human Rights Commission, Niti Aayog. The summary is given below:-

14. 01 developmental project submitted to **Atal Community Innovation Centre (ACIC) Niti Aayog** by Dr. Pradeep K. Varshney, Dean Research for strengthening MRU-IIC facilities (2.5 Crs)

15. A motivational session on **"Challenge the Challenges"** was organized by department of Mathematics on 25th August 2020.

(D) Participations in Innovation Competitions/ Challenges/ Hackathon (Student Related)

1. Two teams from MRU were shortlisted for the finals of SIH 2020, and Team Error=404 is the proud winner of SMART INDIA HACKATHON 2020 under Software Category during the Grand Finale of Fourth Software held on 1st to 3rd August 2020. Team Error=404 won the prize money of Rs. one lakh.

2. One team is also shortlisted for the finals in Hardware Category and will participate when event is organised in physical mode.

3. 02 teams of MRU were selected for finals of National Anveshan-2020.

4. Ms. Niharika, student of Computer Science & Technology Department participated for Re-Think Tank session on "Women Entrepreneurship through the lens of Higher Education" which was held on June 13, 2020 with the Honorable Minister for Women & Child Development, Smt. Smriti Zubin Irani.

5. Ms. Niharika, student of Computer Science & Technology Department, submitted her entry for the Re Think Tank Session, organized by QS I Gauge and has been shortlisted based on her outstanding performance in the entry she submitted for ReThink Tank session on "Women Entrepreneurship through the lens of Higher Education"

6. Ms. Kashish Kohli, B.Sc Chemistry VI semester student has participated in "Online Youth Festival" during 8-11 May 2020 in the competition of The Science Kaleidoscope. The Science Moving Competition and got First Position among 12 National and International Participants.

7. Ms. Kashish Kohli, B.Sc Chemistry VI semester student has participated in "Online Youth Festival" on 8-11 May 2020 in the competition of All India Inter-Institutional Poster Presentation Competition under the Bioscience and Biotechnology domain and also got cash prize of Rs. 1000/- and e-certificate of third position.

8. Deepsi Batra, a student of BBA-OM, DMC, MRU, VI semester attained her internship in Pace innovations and she has also been felicitated as 'COVID Yodha' for her consequential contribution towards society.

9. 6 students of Mechanical department have been selected for the 8 weeks of Virtual Internship Program (VIP) by Altair. 5 Students will work on industrial projects and learn the latest Analysis Software.

10. B.Tech CSE Final Year student, Ms. Srushti Suresh, represented Manav Rachna University as a Panellist in Big Talks For Young Folks – Weekly Talk Show Series organized by QS I.GAUGE.

(E) Activities carried by MRU-Dean Student department

1. The student council under department of Student welfare organized many events online under lockdown viz.
   a. Quarantine Talent Hunt called 'Teachers under a Spotlight',
   b. Manav Rachna Happy Times series,

c. "Astrology Quiz Competition" on the theme "Knowledge of Space"
d. Funniest Meme Challenge and
e. International Yoga Day.
f. Virtual Fest for Students and
g. many other extracurricular activities for the students in virtual manner

2. Under the event One Nation Paryavaran Sanrakshan Gatividhi week organized by Govt of Haryana, eight different events were organized from 15th Aug 2020 to 22nd Aug 2020 in association with Clans pertaining to the environment awareness like:

(a) Webinars on composting,
(b) poster making,
(c) Debate,
(d) Poetry,
(e) Selfie with plants etc.

3. E-Cell also conducted the Virtual events and students from PAN India participated in theses virtual Events.

4. Under Unnat Bharat Abhiyan (UBA), University visited the adopted villages and created awareness on Covid. Also, many drives on donating food grains for Needy persons were organized

With these remarks, Vice Chancellor requested Prof. Pradeep Kr Varshney Dean R&I to inform about details of some activities of concluded under his guidance in the **Manav Rachna University- Entrepreneurship Cell.**

A. Dr Varshney informed that the following activities were carried out besides the already mentioned:

1. US patent of Dr. Pradeep K. Varshney published in 2020 entitled "Fabrication of Non-Enzymatic Sensor Based on Non-Enzymatic Sensor Based on Pt/PVF Modified Pt. Electrode for Determination of Glucose" which was filed in collaboration with University of Wisconsin, Oshkosh USA.
2. 'Tomorrow After a Pandemic', an online group discussion session - 11 April 2020.
3. Awareness Quiz organized on COVID-19 by MRU IEEE student branch on 24th March 2020.
4. Online Inter-University Essay Competition on 19.04.2020.

5. Organized 5 days E week from 1st June to 5th June 2020. 350 participants participated across PAN India
6. "Manasvini- How She did it" an online competition on 27th June 2020.
7. E-WEEK "संRachna"FROM 1st- 5Th JUNE 2020

Some of the activities completed under ICT Academy or in progress are summarized below:-

1. More than 150 students participated in Learnathon organized by ICT Academy and majority of them received certifications.
2. MRU was one of the partner of Learnathon of ICT Academy.
3. Faculty members attended series of Webinars and received certifications.
4. ICT Academy is our knowledge partner of International Conference on Computational Intelligence in Analytics and Information Systems- CIAIS-2021 which is scheduled on 2-3 April 2021
5. MRU is also a partner of "Global Technology Forum 2020 (GTF2020)" which is scheduled from 14th to 18th October'2020
6. 06 teams of MRU-IIC has submitted Proof of Concept (POCs) in National Innovation Contest-2020 organized by Innovation Institution's Innovation Council, MHRD's Innovation Cell, AICTE. 01 team of MRU-IIC has developed one "App- Khabren" and applied for Hackthon59 -for Alternatives to 59 Chinese Apps banned by Government of India for Atma Nirbhar Bharat-HAB59
7. 3 startups graduated – Technoplanet Pvt. Ltd., TFT Innovations (Coatingwala), Arkaya Solar Solutions, 3 startups are under pre-incubation stage and 4 shortlisted for funding from NewGen IEDC, MR and Bharatiya Yuva Shakti Trust (BYST) Office, Faridabad
8. Faculty members attended all 35 Online Sessions organized by Institution's Innovation Council MHRD's Innovation Cell,25 Online Sessions organized by ICT Academy in different areas of online learning , current trends in technology and many more areas related to industry and startups.
9. 11 Ph.D scholars have cleared their eligibility and pre-submission seminar have been conducted successfully, 01 has submitted thesis and others are in the process of submission of long synopsis and thesis as well.
10. Ph.D. admissions for year 2020-21 have been announced and the entrance exam will be held in the month of December 2020.

With these remarks VC requested the Registrar to take up the agenda for deliberation. Registrar took the agenda one by one for discussion as under:

14.2 Confirmation of the Minutes of the 13th Meeting of the Academic Council held on 21.04.2020.

Hon'ble Members of the Council were informed that Minutes of the Thirteenth Meeting of the Academic Council, held on 21.04.2020, were circulated to all the members through email on 05.05.2020, no comments were received from any member. Copy of the Minutes was shared in the meeting with the request to kindly confirm the Minutes.

Decision: Academic Council confirmed the minutes of last meeting of the Council.

14.3 Matter for information

The registrar informed the members that most of the activities for information have been listed above in the remarks by Vice Chancellor and may be considered as noted. These were listed as:

(i) Signing of MoUs
(ii) MOU with ICT Academy
(iii) MOU with True chip Solutions Pvt. Ltd.
(iv) MoU with Sahai Labs
(v) Achievements at University level
(vi) Achievements by Faculty
(vii) Achievements by Students
(viii) Achievements Regarding Research.

(ix) Guidelines for formation of Institutional Human & Animal Ethics Committee (IHAEC) and Institutional Lab Safety Committee (ILSC) of the Manav Rachna University.

Hon'ble Members were informed that the Council, in its last meeting had considered the draft guidelines on formation of Institutional Human & Animal Ethics Committee (IHAEC) and Institutional Lab Safety Committee (ILSC), as per requirement prescribed for NAAC accreditation. The Guidelines has been prepared afresh incorporating the suggestions/inputs from the members and circulated among the members through e mail. On being okayed by the Members, it was approved by the Vice Chancellor.

(x) Commencement of III, V & VII Semesters (2020-21) from 26.05.2020.

It was submitted for information that Odd semesters online commenced from 26th May, 2020 instead of 21.05.2020 as reported in the last meeting of the Council.

(xi) Commencement of classes for 1st Semester (new academic session) 2020-21 from 01.10.2020

Academic Council was informed that the admissions for the Academic Session 2020-21 in all the UG & PG are in progress. However, keeping in view the guidelines received from the regulatory bodies, it is decided by the university to start the classes for UG & PG programs (I semester) session 2020-21 online from 01.10.2020 onwards. However, two weeks orientation program which shall be followed by the two weeks departmental activities has already been started from 1.9.2020.

(xii) Extension of Approval by the AICTE for ongoing engineering programs for the session 2020-21

It is informed that AICTE vide its letter dated 30.04.2020 has granted extension of approval for ongoing UG programs offered under the Faculty of Engineering for the Session 2020-21.

(xiii) Dept. of CST shall offer of B.Tech. CSE AIML program with intake 60

Academic Council was apprised that the university had received approval from the Govt. of Haryana for offering B. Tech. Computer Science & Engineering with specialization in Artificial Intelligence & Machine Learning with intake 60 in the year 2018-19 but initially it was decided to offer the program with intake 30. Now keeping in view the popularity and demand for this program among the admission seekers, it is now decided to offer the program with the sanctioned intake 60 from this Academic Session 2020-21.

Decision: Academic Council took the above information (i) to (xiii) on record.

14.4 Matter for ratification

(i) Bringing the eligibility criteria for B.Ed. Special Education (LD) at par with the one prescribed by the RCI for the session 2020-21.

It was submitted that the Council in its 11th meeting held on 23.07.2019 had approved the eligibility criteria for admission to the program as 60% aggregate in Graduation/Post Graduation. In order to attract more candidates in the present pandemic situation, university in consultation with the Dean of the Faculty has decided to bring it at par with the one prescribed by the RCI for the program. Accordingly, it is now made 50% in aggregate at Graduation/Post graduation level with the approval of the Competent Authority. The Council is requested to ratify the action of the University.

Decision: Academic Council ratified the above action of the University.

14.5 Action taken report on the decision taken in the 13th meeting of the Academic Council.

Hon'ble members were apprised about the action taken on the decisions and were requested to take it on record.

Decision: Academic Council showed satisfaction about the Action Taken on decisions of 13th meeting and took the same on record.

14.6 Consideration of IT Policy.

There are different categories of users in the University. Therefore keeping in view their requirements and portfolio, different policies are being implied based on the category of the users such as, Faculty, Staff (general / management/ support) security and students. All the category of users uses computers and internet through local area network. Therefore the network, the devices, the databases, the files created by the users are vulnerable to then risk of losing the data, damage of the devices, stealing of important information etc. These threats, do arrives from different sources viz. infected device and files bringing by the users, virus infection through unlicensed and untested applications, through emails, through browsing non- secured web sites, phishing internet web sites and finally hackers.

Thus, to secure the data and devices through strong policy driven user accesses and segregating the infrastructure is the virtual and logical way. The segregation also needs to have provision of users communicating to each other, exchanging files, exchanging emails etc. Therefore, to prevent such threats and to build a

strong IT infrastructure, a draft IT Policy prepared by the IT department was presented before the Council for consideration and adoption in the university. The Council after deliberation recommended for adoption of the same by the University.

Decision: Academic Council recommended for adoption of the policy with approval of the Board of Management.

14.7 Consideration of Policies on IPR and Business Incubation.

It was submitted for information that the policies on IPR and Business Incubation were approved by the Academic Council in the fifth meeting but, keeping in view the national policy on the subject, a need was felt to review them and incorporate the provisions in line with the national Innovation and Start- up Policy issued by AICTE on September 11, 2019 and model IPR policy of CIPAM 2019.. Therefore, a Committee under the chairmanship of the Dean Research was constituted to review the existing policies on IPR and Start-ups / Business Incubation. The Committee has come out with the fresh policy documents. The new Policies shall repeal the existing policies and shall come in force from the date of the approval of the Board of management.

Dean research was requested to apprise the Council with the changes proposed in the new policy documents. He explained the salient points which are included in the new documents to the members. After detailed discussion, it was okayed by the Council with recommendation that it be placed before the board for approval.

Decision: Academic Council okayed the new Policy on IPR and Business Incubation and recommended that the same be placed for approval of the Board of management.

14.8 Consideration of amendment in policy relating to Additional Internship/ Start-up/Innovation/Exchange Programme to other organization for Graduate programme

The Council was apprised that the above policy was approved by the Board of Management on 15 .01.2020 as it was to be implemented immediately. The policy is revisited by a committee headed by the Dean Research which has now suggested some minor amendments in the form of additions/substitutions in the above policy which are produced as under:

Sl no.	Existing provisions	Proposed provisions
1	A. Policy for Internship in India/Abroad (Credit Transfer/Mapping) Student must register for rest of the credits through online courses offered through NPTEL/MOOCS or any other platforms which are approved by their respective department in advance and earn the balance credit requirement.	A student must register for remaining credits either through online courses offered through NPTEL/MOOCS or any other platforms which are approved by their respective department in advance and earn the balance credit requirement.
2	B. Start Up/ Innovation Any Student working on Innovative Idea or Start Up may request for the following relaxations from the University: (Relaxation in Attendance Criteria)	To encourage students to work on innovative projects or incubate new ideas, any student working on Innovative Idea or Start Up may request for the following relaxations from the University: (Relaxation in Attendance Criteria / Earn extra Credits for UG degree award) based on the university policy as given below
	B.Start Up/ Innovation Project (Process to be followed) IIC shall maintain the attendance log book, for verifying the attendance records of all such candidates working on startups, innovations and prototype development	IIC shall maintain the attendance log book, for verifying the attendance records of all such candidates working on startups, innovations and prototype development through concerned faculty mentor.
	• For awarding any relaxation in attendance criteria against the project/prototype developed, review committee shall evaluate his/her level of achievements in various competitions candidate has participated for the kind of innovation he/she has done. • For representing the university at International level competitions: Candidate shall be allowed to appear in end term examination at 50% attendance in all the subjects	• For awarding any relaxation in attendance criteria/ earn extra credits/ credit transfer against electives/ project/ prototype developed, review committee shall evaluate his/her level of achievements in various competitions candidate has participated for the kind of innovation he/she has done as per National Innovation and Startup Policy 2019 for Students and Faculty • The review committee shall be responsible for award of the grade at the end of the semester for each Innovation Project and may recommend any other benefit to the student(s).

	• For representing the university at National level competitions: Candidate shall be allowed to appear in end term examination at 55% attendance in all the subjects • For Participation in general competitions at university / institute level: Candidate shall be allowed to appear in end term examination at 60% attendance in all the subjects • Student is required to meet the desired outcome as per the finally approved proposal submitted to IIC in order to avail the requested benefit of relaxation in attendance criteria at the end of the semester.	**The relaxation criteria:** **a. Works for a Startup /Incubates a Start Up/Development of Prototype** Student inventors may also be allowed to opt for startup in place of their mini project/ major project, seminars, summer trainings. The area in which student wants to initiate a startup may be interdisciplinary or multi- disciplinary. However, the student must describe how they will separate and clearly distinguish their ongoing research activities as a student from the work being conducted at the startup. The student may be given a complete relaxation for attendance as per the National Start-Up policy 2019 and can earn **15 extra credits** as part of award of UG degree on the recommendation of the Institute Review Committee. **b.Represented the university at International level competitions:** Given a relaxation upto 50% for attendance in all the subjects registered, provided he/she is involved in Innovation. And/Or Can earn 8 extra credits on production of proof of participation. **c.Represented the university at National level competitions:** Must have 55% attendance in all the subjects registered, provided he/she is involved in Innovation. And/Or Can earn 6 extra credits on production of proof of participation **d.Participated in general competitions at Zonal / State level:** Must have 60% attendance in all the subjects registered, provided he/she is involved in Innovation and Startups Or Can earn 4 extra credits being awarded to student in case of Zonal/state participation **e.Participated in general competitions at Inter University / Institute level:** Must have 65% attendance in all the subjects registered and provided he/she is involved in

		Innovation and Startups Or Can earn 2 extra credits. These credits can be earned by students against electives as well OR can be earned as extra credits subjected to the recommendation of the Institute Review committee for UG degree and in case the student earns extra credits of 20 or more, he/she shall be eligible for award of degree with Honour's as per the guidelines of AICTE/University. As per new guidelines by MHRD-AICTE (National Innovation and Startup Policy 2019 for Students and Faculty) following relaxations shall be given to students on case to case basis. 1. HEIs should allow their students to take a semester/year break (or even more depending upon the decision of review committee constituted by the institute) to work on their start-ups and re-join academics to complete the course. 2. The institute should explore provision of accommodation to the entrepreneurs within the campus for some period of time. For reference: https://vikaspedia.in/social-welfare/entrepreneurship/startup-india-1/national-innovation-and-startup-policy-2019-for-students-and-faculty Student is required to meet the desired outcome as per the finally approved proposal submitted to Institute Review Committee in order to avail the requested benefit of relaxation in attendance criteria And or credit transfer at the end of the semester.
	C. Policy for exchange program (Credit Transfer/Mapping) • Credits to be transferred against the exchange programme will depend upon the duration of the programme and the courses student is going to study at foreign university. Department may also map it partially against the equivalent	• Credits to be transferred against the exchange programme will depend upon the duration of the programme and the courses student is going to study at foreign university. Committee may also map it partially against the equivalent course being offered by the department. All such decisions shall be taken before the commencement of the programme and must be

	course being offered by the department. All such decisions shall be taken before the commencement of the programme and must be conveyed to the candidate in writing.	conveyed to the candidate in writing from the office of Controller of Examination. •

Dean Research explained in brief the needs for changes and explained in detail for information of the members. On the point of credit relaxation raised by one of the members, it was clarified by the Dean that credits relaxation is already mentioned in the table for UG degree so there is no need of any change but suggestion of Prof. S K Garg to include CGPA condition for Hons. Degree was agreed and it was advised to incorporate CGPA conditions in University regulations. With this suggestion, It was okayed by the Council with recommendation to place the same before the BOM for approval.

Decision: Academic Council consented the proposed amendments in the above policy and recommended that the same be placed before the Board of Management for their approval.

14.9 Program Structure for the Honours Programs in 7th to 10th semester of BALLB, BBALLB and B.Com LLB

Academic Council was informed that the program structure for the above programs from 7th to 10th semester was approved by it on 02.12.2019.Now, on request of the students; the department has proposed to offer two streams of specializations, one in Corporate Law and another in Criminal Law for the batch of 2017. Out of 80 students, 20 students opted for corporate law and 19 for criminal law. The program structure of honors courses in Corporate Law and Criminal Law which are agreed by the Bos of the Department was presented for consideration of the Council. HoD law explained in detail the salient changes/additions which were agreed by the council.

Decision: Academic council approved the same. Detailed Program for 7^{th} to 10^{th} Semester of B.A. LLB, BBA LLB and B.Com LLB is placed annexed as Annexure-I.

14.10 Consideration of Syllabus and Scheme of evaluation for the VII & VIII Semesters of the Law Honours Programs.

It was informed that the Department of Law with the approval of the Board of Studies has proposed the syllabus and scheme of examination for the under mentioned courses to be offered in VII and VIII semesters of the Law Honours program.

Semester VII
i. Corporate Mergers and Acquisitions (LWH404)
ii. Competition Law (LWH405)
iii.Child and Law (LWH406)
iv.Criminology, Penology and Victimology (LWH407)
v. Intellectual Property Rights I (LWH402)

Semester VIII
i. Corporate Insolvency and Bankruptcy Law (LWH413)
ii. Law on Infrastructure Development (LWH414)
iii.Socio-economic Offences (LWH415)
iv.Forensic Evidence and Investigation (LWH416)
v. Intellectual Property Rights II (LWH411)

Detailed syllabus was presented before the Council. HoD, Law highlighted and explained about the courses for knowledge of the members. It was unanimously approved

Decision: Academic Council approved the proposed syllabus and Scheme. Syllabus and Scheme of evaluation for the VII & VIII Semesters of the Law Honours Programs are annexed as Annexure-II.

14.11 Consideration of Program Structure of LLM in Criminal Law and Constitutional Law

Academic Council considered the revised Program Structure of LLM in Criminal Law and Constitutional Law proposed by the Department of Law and approved the same.

Decision: Academic Council approved the program structure of LLM in Criminal and Constitutional Law. The detailed program structure is annexed as Annexure-III.

14.12 Consideration of Varied Methods of Assessment for PG programs

The Council was apprised that the Department of Law wants to introduce Learner-centric Choice based Assessment Methods at PG level, wherein students may make choice from amongst the varied methods not only for internal assessment but also for the end-term assessment, including Essay writing, Project Report writing, Response Paper, Take Home Assignments, Published article, Case Briefs/ Legal Briefs, Concept Map, teaching assignments, Annotated Bibliography, Abstract writing, case comments, Case Review, book review, drafting civil or criminal petitions or written statements and such similar such assignments.

It is also proposed by the department to allow for taking open book/ take-home/ 24-hour assignment for T3 examination, with the approval of Board of Studies of the department.

The proposal was deliberated at length. It was appreciated but members were of the view that all the options need not be opened at one go, initially four or five options be chosen and tested about its applicability and implementation in a proper manner and then other options be considered for offer to the students.

Decision: Academic council approved the proposal with the advice that not more than five options be initially offered to the students of LLM.

14.13 Any other item with the permission of Chair.

Dean Research suggested for considering the following:

To start Diploma / Certificate Courses from July 2021 and December 2020 respectively as

i) PGDM in (i) Innovation, entrepreneurship and 9ii) venture development program under Management and Commerce department both in online and physical mode where one can get Diploma while incubating and nurturing a startup company as per the guidelines of NISP policy of AICTE.

Certificate Courses under department of Mechanical Engineering in collaboration with Industries and Sector Skill Council, NSDC in the following areas

i) Air Conditioning and Refrigeration –Daikin Centre of Excellence
ii) Product Design with Simulation – Altair & DesignTech Centres of Excellence

Academic council observed that the department concerned should first workout the details of course contents of these diploma and certificate courses for getting approval from concerned BOS and then same be put up for consideration of the AC. It was also suggested that it must be in line with the regulations.

Decision: Academic Council approved the proposal in principle.

The meeting ended with a vote of thanks to the Chair

(Dr. K. Singh)
Registrar/Member Secretary

F.NO. MRU / AC (A&M) / Vol. IV / 2018/ **Dated 25.09.2020**

Copy To,

1) PS to Chancellor for kind information to Hon'ble Chancellor
2) PS to VC for kind information to Hon'ble Vice Chancellor

3) PS to VP, MREI for kind information to Hon'ble Vice President
4) Prof.(Dr.) S.K. Garg, Professor., Delhi Technological University, Delhi
5) Prof. R.K. Singh, Professor, Dept. of Com., Delhi School of Eco., N.D.
6) Prof. Raj Senani, Professor Emeritus & Former Director, NSIT now, Netaji Subhash University of Technology, Dwarka, Sector-3, New Delhi-110078.
7) Prof. Anita Rastogi, Professor, JMI University, Ghaffar Manzil Colony, Jamia Nagar, Okhla, New Delhi, 110025.
8) Prof. Pilli Emmanuel Shubhakar, Associate Professor, MNIT, Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017.
9) Prof. Kanupriya Sachdeva, Professor, MNIT, , Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017.
10) Prof. Devender Kumar, Professor, Delhi Technological University, Delhi
11) Prof. G.S. Bajpayee, Professor & Registrar, National Law University, Pocket 1, Sector, Dwarka, New Delhi, 110078.
12) Dr. S. K. Goyal ,Executive Director, Star Wire(India) Ltd. & former President, FIA, 21/4 Mathura Road, Ballabhgarh-121004 (Haryana).
13) Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India., Capital Cyberspace, 4th Floor, Sector-59, Golf Course Extension Road, Gurugram, Haryana-122005
14) Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering, Suite No. F-10, 1st Floor, Salcon Rasvilas, Plot No. D-1, District Centre, Saket, New Delhi-110017.
15) Dr. Sangeeta Banga, Dean Academics
16) Prof. (Dr.) Parul Jhajharia, Dean, Management and Humanities
17) Prof. (Dr) Shruti Vashisht, Dean Student Welfare & HoD, ECE.
18) Dr. Babita Parashar, Dean Education
19) Prof (Dr) Pradeep Kumar Varshney, Dean, Research & Applied Sciences
20) Sh. Ajay Thomas, Director, Law (Special Invitee)
21) Ms. Hanu Bhardwaj, HoD, Computer Science & Engineering
22) Dr. Sujata Nayak, HoD, Mechanical Engg.
23) Dr. Jai Praksh, HOD, Physics
24) Dr. SK Shukla, HOD, Chemistry

25) Dr. Rashee Singh, HoD, Education.
26) Dr. Deepa Arora, HoD, Mathematics
27) Dr. Versha Vahini, HoD, Law
28) Prof. Geeta Thakur, Professor, Education & Head, ASLI
29) Prof. (Dr.) D.K. Sharma, Professor, Physics
30) Prof. (Dr). Sushmita Ray, Professor, CSE
31) Dr. Pragati Chauhan, Associate Professor, Management
32) Ms. Meena Kapahi, Associate Professor
33) Dr. Jyoti Pruthi, Associate Professor, CSE.

MANAV RACHNA UNIVERSITY		
FACULTY OF LAW		
BALLB (Hon.) (LWU01)/ BBALLB (Hons.) (LWU02)/ B.ComLLB (Hon.) (LWU03)		
SEMESTER-7		
SUBJECT CODES	**SUBJECT NAME**	**CREDITS**
LWH401	Land Laws	4
LWH402	IPR - 1	4
LWH403	Clinic - II (Drafting, Pleading and Conveyancing)	4
LWH404	Corporate Megers and Acquisitions	4
LWH405	Competition Law	4
LWH406	Child and Law	4
LWH407	Criminalogy, Victimology & Penology	4
LWH408	Foreign Language I	2
LWO409	Internship Viva III	1
		23

SEMESTER-8		
SUBJECT CODES	**SUBJECT NAME**	**CREDITS**
LWH410	Principles of Taxation	4
LWH411	IPR - 1I	4
LWH412	Clinic – III (Moot Court)	4
LWH413	Corporate Insolvency and Bankruptcy Law	4
LWN414	Law on Infrastructure Development	4
LWH415	Socio-economic Offenes	
LWN416	Forensic Evidence and Investigation	
LWH417	Foreign Language II	2
		22
SUMMER INTERNSHIP - IV (Min. 4 Weeks)		
SEMESTER-9		
SUBJECT CODES	**SUBJECT NAME**	**CREDITS**
LWH501	Public International Law	4
LWH502	Environmental Law	4

LWH503	Human Rights Law	4
LWH504	Banking Law	4
LWH505	Insurance Law	4
LWH506	Gender Justice and Criminal Law	4
LWH507	Criminal Justice System and Human Rights	4
LWO508	Internship Viva IV	1
		21
SEMESTER-10		
SUBJECT CODES	**SUBJECT NAME**	**CREDITS**
LWH509	Clinic IV (Professional Ethics and Professional Accounting System)	4
LWH510	Information Technology Law	4
LWH511	Right to Information Law	4
LWH512	Securities Law	4
LWH513	Investment Law	4
LWH514	Cyber Crimes and Law	4
LWH515	International Criminal Law	4
LWO516	Internship Viva V	**1**
		21
		236

SEMESTER - VII

Subject Code	Name	Course Type	L	T	P	Hours per week	Credits
LWH401	Land Laws including Tenure and Tenancy System	Core	3	1	0	4	4
LWH402	Optional I (IPR Law)	Core	3	1	0	4	4
LWH403	Clinic– II (Drafting, Pleading and Conveyancing)	Core	1	1	2	4	4
LWH404	Law on Mergers and Acquisitions	Honors Elective	3	1	0	0	4
LWH405	Competition Law	Honors Elective	3	1	0	0	4
LWH406	Child and Law	Honors Elective	3	1	0	0	4
LWH407	Criminology, Victimology and Penology	Honors Elective	3	1	0	0	4
LWH408	Foreign Language I	Core	0	0	2	2	2
LWO409	Internship Viva III	Core	0	0	0	1	1

DETAILED SYLLABUS

Course Title/ Code	**INTELLECTUAL PROPERTY RIGHTS LAW – I (LWH402)**
Course Type	Core (Departmental)
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	The objective of this course is to acquaint the students with basics of intellectual property rights (Trademark, patent, trade secret and integrated circuit) with special reference to Indian law and practice.

Course Outcomes:

Students will be able to
CO1: categorize different types of Intellectual Properties.
CO2: recognize the crucial role of intellectual property (Trademark, patent, trade secret) played in different industries.
CO3: identify the IP infringements and the remedies available to the IP owner.
CO4: represent the parties in the matters relating to IPR disputes in the court of law.

Section A (Lectures - 15)

Introduction to Intellectual Property

a. General Principles of Intellectual Property Rights
b. Nature and Concept of IPR, WTO/TRIPs Brief evolution of IPR and its importance in present context
c. Types of Intellectual Property, Enforcement of Intellectual Property Rights (Art. 9-39 TRIPs), by various national laws
d. Abuse of Intellectual Property—Concept
e. Brief on International legal instruments relating to IPR Paris Convention, 1883 and TRIPs Reciprocity and Priority, Concept of Minimum Standards, Concept of National Treatment, Concept of Most Favoured Nation (MFN)

Trademarks (The Trademarks Act, 1999)

a. Introduction to Trademarks Law
b. Brief Introduction to related International Treaties and Conventions
c. Definitions, Registration of Trademarks, Procedure, Grounds of Refusal and Well-Known Trademarks
d. Passing Off, Infringement and Exceptions to Infringement Actions, Remedies

Section B (Lectures - 15)

Trademarks - continued

a. Assignment and Licensing
b. Trademark Disputes over Domain Name
c. Unconventional Trademarks
d. Trade Mark Dilution and Contemporary Areas

Geographical Indications (The Geographical Indications of Goods (Registration and Protection) Act, 1999)

a. Definitions, Concept of Indication of source, Geographical Indication and appellations of origin, Community Right
b. Kinds of Geographical Indications and Registration Procedure for Registration, Grounds for Refusal of Registration of GI's, Registration of homonymous Geographical Indications, Duration of protection and renewal
c. Infringement, penalties and remedies
d. Conflict of GI's with Trademarks

Section C (Lectures - 15)

Patent (The Patents Act, 1970)

a. Introduction to Patent Law
b. Brief Introduction to related International Treaties and Conventions
c. Definitions
d. Criteria for Patents,
e. Patentable Inventions, Non-Patentable Inventions
f. Procedure for Filing Patent Application
g. Revocation of Patent

Section D (Lectures - 15)

Patent (The Patents Act, 1970) - Continued

a. Licensing, Compulsory Licensing
b. Parallel Import
c. Rights of Patentee, Patent Infringement and Defences

Trade Secrets

a. Confidential Information/Trade Secret Law
b. Legal Framework of Trade Secret Protection in India
c. Subject Matter of Trade Secret Protection
d. Trade Secret Licenses
e. International System of Trade Secret Protection

Integrated Circuit (The Semiconductor Integrated Circuits Layout-Design Act, 2000)

a. Meaning
b. Registration
c. Rights

Text Books:

1. B.L. Wadhera, *Law Relating to Intellectual Property*, 2016(5th Edn.), Lexis Nexis
2. N.S. Gopalakrishnan & T.G. Ajitha, *Principles of Intellectual Property*, 2014 (2ndEdn.), Eastern Book Company.

Reference Books:

1. The Trademarks Act, 1999
2. The Patent Act, 1970
3. The Geographical Indications of Goods (Registration and Protection) Act, 1999
4. The Semiconductor Integrated Circuits Layout-Design Act, 2000
5. K. Bansal, *Law of Trademark in India*, 2014, Thomson & Reuter
6. Elizabeth Verky, *Law of Patents*, 2012 (2nd Edn.), Eastern Book Company
7. Jayashree Watal, *Intellectual Property Rights in the WTO and Developing Countries*, 2001, Oxford University Press
8. P. Narayanan, *Law of Trademarks (The Trademarks Act, 1999) and Passing Off*, 2017, Eastern Law House
9. V.K. Ahuja, *Law Relating to Intellectual Property Law*, 2017 (3nd Edn.), Lexis Nexis
10. W.R. Cornish, *Intellectual Property: Patents, Copyright, Trademark and Allied Rights*, 2019 (9th Edn.), Sweet & Maxwell

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T1 – 30 Marks
- T2 – 30 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**MERGERS & ACQUISITIONS (LW404)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	The trends of mergers and acquisitions in India have changed over the years. India being a growing economy has all the potential to provide sound market for MNCs to acquire the Indian companies. Similarly, Indian companies are also showing their potential in acquiring big brands and companies. The course aims at exposing the basic tenets of corporate restructuring to the students. The primary objectives of the course are as follows: • To familiarize the students with the law and procedure pertaining to mergers and acquisitions • To explain the valuation and taxation aspects of corporate restructuring • To explain the strategic importance of corporate restructuring • To explain the working of the SEBI Takeover Code and other regulations which govern mergers and acquisitions

Course Outcomes:

Students will be able to

CO1: understand, recall and use the legal principles, provisions relating to the procedure of Mergers
CO2: understand, recall and use the legal principles, provisions relating to the procedure of Acquisitions or Takeovers
CO3: apply the knowledge of law relating to mergers and acquisitions to counsel the clients on such matters
CO4: represent the parties in the matters/ disputes relating to mergers and acquisitions in the court of law.

Section A (Lectures - 15)

Introduction

a. Corporate restructuring: Brief Overview
b. Economics of Corporate Restructuring
c. Meaning & Definition of Merger, Acquisition and Amalgamation
d. Mergers and Acquisitions: A strategic Perspective
e. Types of Restructuring
f. Types of Mergers

Section B (Lectures - 15)

Legal Provisions: The Companies Act, 2013

a. Scheme of Mergers and Acquisitions
b. Analysis of legal provisions under the Companies Act 2013
c. Corporate restructuring in Public Interest
d. Role of Judiciary
e. Cross Border Mergers and Amalgamations in India

Section C (Lectures - 15)

SEBI & Takeover Code

a. Meaning and kinds of takeover
b. Hostile Takeover and Takeover Defenses
c. The SEBI Takeover code
d. Takeover triggers and Disclosure Requirements
e. Substantial Acquisition of Shares

Section D (Lectures - 15)

Valuation Of Shares & Goodwill

a. Necessity of valuation
b. Share Valuation
c. Various Methods of Valuation
d. Meaning of goodwill
e. SWAP

Tutorials

- Corporate combination and its various legal aspects
- SICA: Revival & Rehabilitation of the Sick Industrial Companies
- Corporate combination in Banking Sector
- FEMA
- Listing Agreement: Clause 40 A and 40 B
- Tax Aspects of amalgamation
- Stamp Act provisions
- Competition Act

Text Books:

1. Pradeep Kumar Jain, *Corporate Acquisitions and Mergers in India*, Wolters Kluwer, 2016
2. Rajinder S Aurora & others, *Mergers & Acquisitions*, Oxford University Press, 2011

Reference Books:

1. E & Y, *Master Guide to Mergers and Acquisitions in India: Tax & Regulatory*, 2018, Wolters Kluwer India Private Limited; Fifth edition.
2. Prasanna Chandra, *Corporate Valuation: A Guide for Analysts, Managers and Investors*, 2014, McGraw Hill Education (India) Private Limited.
3. Joshua Rosenbaum, *Investment Banking: Valuation, Leveraged Buyouts and Mergers & Acquisitions*
4. Ramappa T; *Competition Law In India: Policy, Issues and Developments*; 2009, Oxford University Press
5. Sridharan and Pandian, *Guide to Takeoers and Mergers*; 2010, Lexis Nexis Butterworths Wadhwa Nagpur

Relevant Cases

1. AVM Capital Services (P.) Ltd., In re (2012) 115 SCL 81/23
2. Essar Telecommunications holding, In Re, (2012) 111 SCL
3. Larson & Tourbro Ltd. v. Grasim Industries Ltd. (2008) 82 SCL 172 (Bom)
4. Reliance Natural Resources Ltd v. Reliance Industries Ltd. (2007) 79 SCL 21
5. National Organic Chemical Industries Ltd. v. Miheer H. Mafatlal (2004) 121 Comp cases 519
6. Moschip Semiconductor Technology Ltd (2004) 59 CLA 354
7. SEBI v. Sterilite Industries (India) Ltd. (2003) 113 Com Cases 273; (2003) 45 SCL 475 (Bom-DB)
8. Arvind Mills Ltd. In re (2002) 37 SCL Guj 660
9. Miheer H. Mfatlal v. Mafatlal industries Ltd. (1996) 4 Comp LJ 124
10. Hindustan Lever Employees Union v. Hindustan Lever Ltd. (1994) 4 Com LJ 267
11. Chairman, SEBI v. Shriram Mutual Fund and Another AIR 2006 SC 2287
12. Technip S. A. v. SMS Holding (Pvt) Ltd. and Ors. AIR 2005 SC 0385
13. AIG (Mauritius) LLC v. Tata Televentures Ltd, (53 CLA 353; 43 SCL 22)
14. Banarsi Das Saraf and Others v. Dalmia Dadri Cement Ltd and Another (28 Com Cas 435)
15. Reliance Communications Infrastructures Ltd., (2009) 151 Com Cases 538 (Bom)
16. Bank of Madura Shareholders Welfare Association v Governor, RBI, (2001) 3 Comp LJ 212 Mad
17. Saraswati Industrial Syndicate Ltd. V. CIT, 70 com cases 184
18. Union of India v. Ambalal Sarabhai Enterprises Ltd. (1984) 55 Comp Cases 623
19. Hindustan Lever Employees Union v. Hindustan Lever Ltd and Others (1995) 83 Comp Cas 30 SC

Note: The reading material and cases referred above are not exhaustive. New material and case laws shall be provided and discussed during the session.

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**Competition Law (LWH405)**
Course Type:	Honors Elective
Course Nature:	Hard
L-T-P-O Structure	(3-1-0)
Objectives	To introduce students to the basic economic concepts of Competition, Law and jurisprudence developed through case law.

Course Outcomes: Students will be able to

CO1: comprehend the economic principles underlying competition and relevant law;
CO2: apply the law to different forms of competition issues;
CO3: counsel on competition compliance and probable violations by enterprises;
CO4: represent the parties before the tribunals and other authorities on competition matters;
CO5: contribute to the development of law on competition in India through opinions and reflections.

Section A (Lectures - 15)

Fundamentals of Competition

a. Basic economic and legal principles;
b. Restraint of Trade under Indian Contract Act; Monopolistic & Restrictive Trade Practices
c. Evolution of Competition Law in India

Section B (Lectures - 15)

Anti-Competitive Agreement

a. Horizontal Agreements
b. Vertical Agreements
c. Exceptions

Section C (Lectures - 15)

Abuse of Dominant position & Combinations

a. Dominant Position
b. Abusive Practices
c. Protection of consumers
d. Combinations (Mergers and Acquisitions)

Section D (Lectures - 15)

Competition Authorities

1. Competition Commission of India

a. Structure and function of CCI;
b. regulatory role

2. Competition Appellate Tribunal
   a. Composition, Functions, Powers and Procedure;
   b. Award Compensation;
   c. Power to punish for contempt;
   d. Execution of orders

Text Books

1. Versha Vahini, *Competition Law* 2020 (Lexis Nexis India)
2. Vinod Dhall, *Competition Law Today: Concepts, Issues and the Law in Practice* 2019 (Oxford University Press)

Reference Books:

1. A.E. Rodrigues, Ashok Menon, *The limits of Competition Policy, the shortcomings of Economics* 2018
2. Dr. R.K. Singh, *Restriction Trade Practices and Public Interest* 2017
3. K.S. Anantaranan, *Lectures on Company Law and MRTP* 2016
4. Report of the Monopolies Inquiries Commission, Govt. of India 1965 (Dr. Hazari Report)
5. S.M. Dugar's *MRTP Law, Competition Law and Consumer Protection* 2018
6. Sachar Committee Report, High Powered Committee on MRTP Act & Company Act, 1980
7. Suzanne Rab, *Indian Competition Law - An International Perspective* 2015
8. Taxmann's *competition Law and Practice*

Scheme of Evaluation:

- ✦ Internal Assessment – 60 Marks
- ✦ T2/ Mid-term Exam – 40 Marks
- ✦ T3/ End-term Exam – 100 Marks

Course Title/ Code	**CHILD AND LAW (LWH406)**
Course Type	Honors Elective
L-T-P-O Structure	(3-1-0)
Objective	*"the child is a soul with a being, a nature and capacities of its own, who must be helped to find them, to grow into the maturity, into fullness on physical and vital energy and most breadth, depth and height of its emotional, intellectual and spiritual being"- Justice Bhagwati* This course focuses on the study of law and the social context of the law as it affects children. It builds a foundation for the study of specific laws (child protection, juvenile justice law) by exploring human rights, social and legal perspectives. It considers broader legal and social issues that affect children, including their rights as minor, duty of the State towards Children, prevention of crimes against children, their adoption and guardianship.

Course Outcomes:
Students will be able to
CO1: identify the elements of a child's rights approach to legal issues affecting children
CO2: Critically analyse the role of law and the limits of the domestic legislative framework from the perspective of child's rights
CO3: Demonstrate the understanding of juvenile justice and child protection laws, policy issues and legal and non-legal processes as they relate to problem scenarios concerning children.
CO4: Critically reflect upon legal material presented in the context of professional practice in the field of child's rights and apply the same to represent them at different fora.

Section A (Lectures - 15)

Child and Rights

a. Who is a "*child"*? – National and International framework
b. Rights of Child
    i. International Framework
    ii. U.N. Declaration of the rights of the Child, 1924, 1959
    iii. UN Convention on the Rights of the Child, 1989
    iv. Special provisions under other international instruments
c. Constitutional Framework
    i. Citizenship and Domicile
    ii. Fundamental rights
    iii. Directive Principles of State Policy

Section B (Lectures - 15)

Child and Personal Laws

The status of a child in matters of:

i. Marriage
ii. Legitimacy
iii. Guardianship & Custody
iv. Maintenance and Adoption
v. Surrogacy

Section C (Lectures - 15)

Child and Criminal Justice Administration

a. Judicial activism towards protection of children
b. Special provisions under Juvenile Justice Act 2015
c. Evidence Act

Section D (Lectures - 15)

Offences against children

a. Under Indian Penal Code (with relevant sections from supporting statutes)
    i. General Exemptions
    ii. Offences against child
    iii. Cyber-crimes against children
b. Sexual offences against children under POCSO

Relevant Statutes:

1. The Constitution of India, 1950
2. Child Rights Convention, 1989
3. Indian Contract Act, 1872
4. Hindu marriage Act, 1955
5. Hindu Adoptions & Maintenance Act, 1956
6. Code of Criminal Procedure,
7. Indian Penal Code, 1860
8. The Hindu Minority and Guardianship Act, 1956
9. Guardianship and Wards Act, 1869
10. Juvenile Justice (Care and Protection) Act 2015
11. Child Labour (Prohibition and Regulations) Act, 1986

Text Books:

1. Asha Bajpai, *Child Rights in India: Law, Policy and Practice*, 2003 (3rd Edn.) (Oxford University Press)
2. Mamta Rao, *Law Relating to Women and Children*, 2012 (3rd Edn.) (Eastern Book Publications)
3. Ved Kumari, *The Juvenile Justice (Care and Protection of Children) Act 2015 – Critical Analysis*, 2017 (Universal Law Publications)

Reference Books:

1. Anjani Kant, *The Law relating to Women & Children*, 2003 (Central Law Publications)
2. Child Labour: A textbook for University Students, International Labour Organisation, 2004.
3. Debarati Halder, *Child Sexual Abuse and Protection Laws in India*, Sage Publication, 2018
4. G. S. Bajpai, *Juvenile Justice: Impact and Implementation*, 2019 (Bloomsbury India)
5. Gautam Banerjee, *Child and the Law: An Indian Perspective in Plain Language*, Notion Press, 2017
6. Geeta Chopra, *Child Rights in India: Challenges and Social Action,* 2016 (Springer Publication)
7. H L Kumar, Labour & Industrial Law, LexisNexis, 2019.
8. K. Satyarthi, and B. Zutshi, (Ed), *Globalization, Development and Child Rights* 2006 (Shipra Publications)
9. S. C. Tripathi & Vibha Arora, *Law relating to Women & Children*, 2012 (Central Law Publications)

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**Criminology Penology & Victimology- LW407**
Course Type:	Honors Elective
Course Nature:	Hard
L-T-P-O Structure	(3-1-0)
Objectives	This course of Criminology Penology and Victimology would attempt to answer queries of the human mind and afford explanations to criminal behaviour and reactions to crime. Another facet of the subject will be concern for the victims of crime with emphasis on concepts of restorative justice, compensatory jurisprudence and rehabilitative techniques.

Course Outcomes:
Students will be able to
CO1: Identify and use various schools of criminology to advance arguments
CO2: differentiate between different theories of causation
CO3: categorise the punishments and their effects and relevance
CO4: apply the techniques of restorative justice

Section A (Lectures - 15)

Introduction to Crime & Criminology

a. Perspective of crime and criminal; difference between sin, wrong and crime.
b. Changing concept of crime; definition of crime – legal and social.
c. Definition of criminology; nature, scope and importance of criminology.
d. Criminological theories- pre classical, classical, neo classical.
e. Positive school of criminology, radical criminology.

Section B (Lectures - 15)

Prominent Criminological Thought Currents

a. Learning theories of causation- differential association theory of Sutherland.
b. Social disorganization theories- Durkheim, Merton, Anomie.
c. Psychodynamic theory- Freud.
d. Economic theory of crime.

Section C (Lectures - 15)

Penology

a. Definition of penology; concept of punishment and its importance.
b. Theories of punishment- retributive; deterrent; preventive; reformative.
c. Kinds of punishment- with special emphasis on capital punishment.
d. Correctional administration – prison system – definition; types; prison reforms.
e. Non Institutional form of treatment- probation- parole- open prisons- role of NGO’s.

Section D (Lectures - 15)

Victimology

a. Meaning and scope of victimology.
b. Problems of crime victims and types of victims.
c. Role of victim in criminal justice administration.
d. Concept of compensation: Sections 357 & 357A CrPC.
e. Concept of restorative justice.

Case Laws:

1. Bachchan Singh v. State of Punjab, AIR 1980 SC 898
2. Boddisattwa Gautam v. Subhra Chakraborty AIR 1996 SC 922
3. Chairman, Railway Board v. Chandrima Das - Manu/SC/0046/2000
4. Ediga Anamma v. State ofAP, (1974) 4 SCC 443
5. Hiralal Mullick v. State of Bihar, AIR 1977 SC 2236
6. Jagmohan Singh v. State of Punjab, (1973) 1 SCC 20
7. Kartar Singh v. State of Punjab, 1994 SCC (Cri) 899
8. M. H. Hoskot v. State of Maharashtra, (1978) 3 SCC 544
9. Machhi Singh v. State of Punjab, AIR 1983 SC 957
10. Rajendra Prasad v. State of UP, AIR 1979SC 916
11. Sher Singh v. State of Punjab (1983) 2 SCC 344
12. Sunil Batra v. Delhi Adm. (1978) 4 SCC 494
13. Sunil Batra v. Delhi Adm. (1980) 3 SCC 488
14. Swami Shraddhanand v. State of Karnataka, AIR 2008 SC 3040

Reference Books:

1. Ahmed Siddiqui, *Criminology: Problems and Perspectives* (4th Ed., 1997)
2. J. P. S. Sirohi, *"Criminology and Penology"* Allahabad L aw Agency, Delhi, Sixth Edition, 2004
3. Krishna Pal Malik, *"Penology-Sentencing process and treatment of offenders"*; Allahabad Law Agency Delhi First Edition, 2006.
4. Prof. N.V. Paranjape, *"Criminology and Penology"*, Central Law Publications, Central Law Publications, Allahabad. 13th Edition.
5. Prof. N.V. Paranjape, *"Criminology, Penology with Victimology"*, Central Law Publications, 2014.
6. Prakash Talwar*, "Victimology",* Isha Books, Delhi, 2006.
7. B.B. Pande, ―*Face to Face with Death sentence: The Supreme Court's Legal and Constitutional Dilemmas*‖ (1979) 4 SCC 714 3.
8. S.S. Srivastava, ―*Capital Punishment*‖*, Criminology and Criminal Administration* (2nd ed. 2002) 89-99
9. Law Commission of India 262nd Report on Death Penalty
10. NLUD Report on Death Penalty, 2016 (www.deathpenaltyindia.com)**.**
11. Chattoraj B.N. (Dr.): *'Ways and Means for enhancing the aftercare and rehabilitative Programmes for released offenders: An Indian perspective'*, (1980-83)
12. Carson w. Markley: *'Furlough Programmes and Conjugal Visiting in Adult Correctional Institutions'*

Scheme of Evaluation:

- Internal Assessment – 60 Marks

- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

SEMESTER- VIII

Subject Code	Name	Course Type	L	T	P	Hours/ Week	Credits
LWH410	Principles of Taxation	Core	3	1	0	4	4
LWH411	IPR- II	Core	3	1	0	4	4
LWH412	Clinic III (Moot Court)	Core	0	0	2	2	2
LWH413	Insolvency and Bankruptcy Law	Honors Elective	3	1	0	4	4
LWH414	Law on Infrastructure Development	Honors Elective	3	1	0	4	4
LWH415	Socio Economic Offences	Honors Elective	3	1	0	4	4
LWH416	Forensics and Criminal Law	Honors Elective	3	1	0	4	4
LWN417	Foreign Language-II	Core	0	0	2	2	2

Course Title/ Code	**INTELLECTUAL PROPERTY RIGHTS (LWH411)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	The objective of this course is to acquaint the students with basics of intellectual property rights (Trademark, patent, trade secret and integrated circuit) with special reference to Indian law and practice.

Course Outcomes:
Students will be able to
CO1: categorize different types of Intellectual Properties.
CO2: recognize the crucial role of intellectual property (with emphasis on Copyright and Industrial Design) played in different industries.
CO3: identify the IP infringements and the remedies available to the IP owner.
CO4: represent the parties in the matters relating to IPR disputes in the court of law.

Section A (Lectures-15)

Copyrights (The Copyright Act, 1999)

a. Introduction to Copyright Law
b. Brief Introduction to related International Treaties and Conventions
c. Subject Matter of Copyright
d. Economic and Moral Rights
e. Authorship and Ownership, Term of Copyright
f. Assignment-Licensing

Section B (Lectures-15)

Copyrights (The Copyright Act, 1999)- Continued

a. Infringement and Remedies
b. Exceptions: Fair Dealing
c. International Copyright Order
d. Neighbouring/Related rights
e. Issues in Digital Copyrights
f. Copyrights and Artificial Intelligence (AI) generated work

Section C (Lectures-15)

Industrial Design (The Designs Act, 2000)

a. Introduction to Designs Law
b. Brief Introduction to related International Treaties and Conventions

c. Definitions, Registration of Designs and Procedure
d. Cancellation of Registration of Design
e. Piracy of Registered Design and Remedies
f. Overlapping Between Designs Copyrights and Trademark

Section D (Lectures-15)

Law of Plant Variety Protection and Farmers' Rights Act, 2001 (The Plant Variety Protection and Farmers Rights Act, 2001)

a. Law of Plant Variety Protection
   i. Definitions - breeder, farmer, variety, essentially derived variety, extant variety, farmer's variety, essential characteristics, denomination, propagating material, seed
   ii. Registrable varieties
   iii. Rights of Breeders, Farmers and Communities and Researchers' Rights; benefit sharing
   iv. Introduction to UPOV- 1976, 1991
b. Traditional Knowledge and Folklore
   i. Issues and challenges
   ii. Need for protection
   iii. *Sui generis* system of protection
   iv. Traditional Cultural Expressions (TCEs)

Text Book:

1. B.L. Wadhera, *Law Relating to Intellectual Property*, 2016(5th Edn.), Lexis Nexis
2. N.S. Gopalakrishnan & T.G. Ajitha, *Principles of Intellectual Property*, 2014(2nd Edn.), Eastern Book Company

References:

1. The Trademarks Act, 1999
2. The Designs Act, 2000
3. The Geograhical Indications of Goods (Registration and Protection) Act, 1999
4. The Plant Variety Protection and Farmers Rights Act, 2001
5. K. Bansal, *Law of Trademark In India*, 2014, Thomson & Reuter
6. Jayashree Watal, *Intellectual Property Rights in the WTO and Developing Countries*, 2001,Oxford University Press
7. P. Narayanan, *Law of Trademarks (The Trademarks Act, 1999)and Passing Off*, 2017, Eastern Law House
8. V.K. Ahuja, *Law Relating to Intellectual Property Law*, 2017 (3nd Edn.), Lexis Nexis
9. W.R. Cornish, Intellectual Property: Patents, Copyright, Trademark and Allied Rights, 2019 (9th Edn.), Sweet & Maxwell

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T1 – 30 Marks
- T2 – 30 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**INSOLVENCY AND BANKRUPTCY LAW (LWH413)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	This course concerns the law and finance of corporate bankruptcy with an emphasis on reorganization. This basic bankruptcy course covers the major facets of bankruptcy that influence business financing transactions.

Course Outcomes:
Students will be able to

CO1: differentiate between insolvency and bankruptcy;
CO2: apply the provisions of relevant laws to corporate debt restructuring;
CO3: counsel on bankruptcy procedure in cases of corporate insolvency;
CO4: take up cases relating to corporate insolvency in the court of law.

Section A (Lectures – 15)

The fundamentals of debt contracting

a. Corporate Debt
b. Events of Default
c. Security interests
d. Debt priority

Section B (Lectures – 15)

The Bankruptcy Process

a. Insolvency and Bankruptcy Act
b. Trigger Operation
c. The Automatic Stay
d. Avoidance of pre-bankruptcy transactions
e. Restructuring and reorganization plan
f. The treatment of executory contracts
g. Land Contracts
h. Contract for sale of goods
a. Employment Contracts

Section C (Lectures – 15)

Corporate Debt Restructuring and other options

a. Reduction in Share Capital

b. Compromise or arrangement with creditors
c. Corporate reorganization
d. Special Procedure for Banks and Financial Institutions
e. Special Procedure for Government Companies
f. Other laws – SICA & SARFAESI Act

Section D (Lectures – 15)

Cross-border Bankruptcies

a. Transnational Legal principles
b. Conflict of laws
c. UNCITRAL Model Law on Cross-border Insolvency
d. Assistance to Foreign Courts
e. Commencement of Proceedings by a foreign creditor
f. Recognition of Foreign Proceedings

Reference Books:

1. Insolvency and Bankruptcy Act 2017
2. Brian A. Blum, *Bankruptcy and Debtor/Creditor: Examples and Explanations* 2006.
3. Grant W. Newton and Robert Liquerman, *Bankruptcy and Insolvency Taxation*, 2008
4. Irene Lynch-Fannon, *Corporate Insolvency and Rescue* 2010.

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**LAW OF INFRASTRUCTURE DEVELOPMENT (LWH414)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives and Outcomes	This course is designed to discuss the legal issues involved in infrastructure development, to examine the working of regulators in general and specific to sectors. This course also explain various investment routes available for infrastructure projects besides modes of financing the projects.

Course Outcomes:
Students will be able to
CO1: Identify the Laws and Rules related to infrastructure development in India.
CO2: Evaluate the laws, plans and policies related to infrastructure development sectors in the country.
CO3: Identify evaluate and advice on legal aspects of investment and financial plan in infrastructure projects
CO4: Formulate one's own response to the needs of all stakeholders in infrastructure development.

Section A (Lectures – 15)

Infrastructure sector in India

a. Definition of infrastructure
b. Infrastructure development and economic development
c. Models of Infrastructure development – Public private partnership in infrastructure projects

Section B (Lectures – 15)

Legal framework of specific infrastructure sectors

a. Road & Highways
b. Railways
c. Power generation and transmission
d. Ports and Airports
e. Telecommunication

Section C (Lectures – 15)

Modes of Investment in Infrastructure in India

a. Foreign Direct Investment (FDI) and the regulatory environment
    a. Road & Highways
    b. Railways

c. Power generation and transmission
d. Ports and Airports
e. Telecommunication

b. Challenges for local players and foreign companies looking to enter the market

Section D (Lectures – 15)

Financing of infrastructure projects

a. Debt Financing of Infrastructure projects
    a. Traditional concepts
    b. Traditional security packages
    c. 'Boiler Plate Clauses' or Necessary Covenants
b. Restructuring of Project Finance Debt
c. Emerging Options for Project Financing

Text Books:

1. L.N. Dash, *Economics of Infrastructure: Growth and Development*, 2007 (Regal Publications)
2. N Mani, *Infrastructure Development and Financing In India*, 2012
3. Piyush Joshi, *Law Relating to Infrastructure Projects*, 2003 (LexisNexis)
4. S. Sunder, *Framework for Infrastructure Regulation*, TERI Press

Reference Books:

1. Anurag K Agarwal, *Infrastructure, PPP and Law for Executives*, 2019, SAGE Publications.
2. *Facilitating Infrastructure Development in India*, Asian Development Bank
3. James P Walsh, *Financing Infrastructure in India*, International Monetary Fund
4. N Brega and Trenn Marcos, *Infrastructure in Emerging Markets*, LAP Lambert Academic Publishing
5. Sameer Kochhar, Deepak B Phatak, H Krishnamurthy, Gursharan Dhanjal, *Infrastructure and Governance Publication,* 2008 (1st Edition)
6. Anup Chatterjee , K NarindarJetli, *Industry and Infrastructure Development in India*, 2009
7. Judith – Anne Mackenzie, *Text book on Land Law*, 2004, Oxford University Press, U.K.
8. Kevin J Gray, *Elements of Land Law* 2004, Lexis Nexis, U.K.
9. R. N. Joshi, *Public Private Partnership in Infrastructure Perspectives, Principles, Practices*
10. Kendemadward Digby, *An introduction to the history of the law of real property*, 2005, the law book exchange Ltd. UK.
11. V.G. Ramachandran, *Law of land acquisition & compensation* 2000, Eastern Book Company, Lucknow.
12. K.C. Gopalakrishnan, *Legal Economics (Interactional Dimensions of economics and Law)* 2005, Eastern Book Company, Lucknow.

Important Cases:

1. *The Goa Foundation and another vs The Konkan Railway Corporation and Others*, AIR 1992 Bom 47
2. *Banwasi Sewa Ashram vs State of UP and others*, 1992 AIR 920
3. *Union of India v. Tantia Construction (P) Ltd.*, (2011) 5 SCC 697.

4. *Flemingo Duty Free Case*, Writ Petition 895 of 2011 decided on October 30, 2015 (Bombay High Court)
5. *Dahanu Taluka Environment Protection Group vs Bombay Suburban Electric Supply Ltd* JT 1991 (2) SC 1, 1991 (1) SCALE 472, (1991) 2 SCC 539

Note: The reading material and cases referred above are not exhaustive. New material and case laws shall be provided and discussed during the session.

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**SOCIO-ECONOMIC OFFENCES (LWH415)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	Understanding the historical background of the emergence of concept of White Collar Crime, multifarious ways in which White Collar Crimes can be committed, grasp and analyse the existing legal frameworks to curb and penalize the White Collar Crimes.

Course Outcomes:
Students will be able to
CO1: Identify the concept, nature and elements of socio-economic offences.
CO2: categorize and differentiate socio-economic offences from other types of offences.
CO3: ascertain the legal framework relating to specific socio-economic offences including corruption and food laws
CO4: understand and apply the enforcement procedure relating to detection, investigation and trial of socio-economic offences.

Section A (Lectures – 15)

Introduction to Socio- Economic Offences (Contact Hours- 5)

a. Concept and Evolution of 'Socio-Economic Offences.'
b. Nature and Extent of Socio-Economic Offences.
c. Mens Rea, Nature of Liability, Burden of Proof and Sentencing Policy.

Section B (Lectures – 15)

Evolution of the Concept of White Collar Crime (Contact Hours- 10)

a. White Collar Crime: Definitional issues: Sutherland's definition of white collar crime,
b. Types of white collar crime
c. Relationship with other types of crimes, Blue collar crime,
d. Corporate crime, organized transnational crime, Occupational crime

Section C (Lectures – 15)

Laws and Regulations for White Collar Offences (Contact Hours- 15)

a. The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989
b. The Food Safety and Standards Act, 2006
c. The Prevention of Corruption Act, 1988

Section D (Lectures – 15)

Special enforcement procedure (Contact Hours- 5)

a. Issues in detection, investigation, prosecution and trial
b. Sentencing policy and practices with respect to economic offences,
c. Difficulty in the enforcement of laws.

Text Books:

1. J.S.P. Singh, *Socio- Economic Offences* 2015
2. M. C. Mehanathan, *Law on Prevention of Money Laundering in India* 2014.

Reference Books:

1. Ahmed Siddiqui, *Criminology: Problems and Perspectives* (4th Ed., 1997)
2. Bhure Lal, *Money Laundering: An insight into the dark world of Financial Frauds* 2003 (Siddharth Publications)
3. Farhad Anabui and Andrew Kakabadse, *Corporate sabotage* 2004 (Jaico Publishing House)
4. Frederick Oughton, *Fraud and White collar crime* 1971 (Eleck Bock Ltd.,)
5. Jack Bologna, *Corporate Fraud* 1984 (Butterworth Publishers)
6. Jonathan Reuvid, *The Regulation and prevention of Economic Crime* 1995.
7. Kumar (Revised by Justice A.B. Srivastava and C.S. Lal), *Commentaries on Prevention of Food Adulteration Act, 1954* (3rd Ed., 2009)
8. Lawyers Collective (Ed. by Indira Jaising), *Handbook on Law of Domestic Violence* (1st Ed., 2009)
9. M. C. Mehanathan, *Law on Prevention of Money Laundering in India* 2014.
10. Mahesh Chandra, *Socio- Economic Offences* 1979.
11. P.S. Narayan, *Commentary on Immoral Traffic Prevention Act, 1956* (2nd Ed., 2013)
12. Richard H Blum, *Delivers and Deceived* 1972 (Charles, C. Thomas Publishers)
13. Seth and Capoor, *Prevention of Corruption Act* (3rd Ed., 2000)
14. T.V. Nawal, *Legally Combating Atrocities against SC and ST* 2004.

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

Course Title/ Code	**FORENSICS AND CRIMINAL LAW (LWH416)**
Course Type	Honors Elective
Course Nature	Hard
L-T-P-O Structure	(3-1-0)
Objectives	*Forensic science is a vital instrument for the detection or investigation of crime and the administration of justice, providing crucial information about the evidence found at crime scene.* This course will acquaint the students with the fundamentals, history, basic principles and significance of forensic science. The definition and types of crime scene, role of crime scene investigator, importance of forensic science principles. Students will learn about various techniques used for criminal investigation and collection of evidences.

Course Outcomes:
Students will be able to
CO1: comprehend and utilize the principles of forensic science in criminal proceedings.
CO2: identify and categorize the relevant elements of scene of crime
CO3: explain the scientific techniques used by investigating agencies
CO4: interpret and analyse the forensic evidence to represent the parties in the court of law

Section A (Lectures – 15)

Introduction to Forensic Science

a. Concept of forensic science – Basic elements and historical evolution
b. Interface between forensic science and criminal justice system.
c. Scope, importance, need and functions of forensic science
d. Role and nature of forensic scientist.

Section B (Lectures – 15)

Principles of Forensic Science and concept of scene of crime

a. Principles that underpin forensic analysis
    a. Law of Individuality
    b. Principle of Exchange
    c. Law of Progressive change
    d. Law of Comparison
    e. Law of Analysis
    f. Law of Probability
    g. Law of Circumstantial Facts
b. Relation of forensic science with criminal investigation - concept of scene of crime
c. Issues associated with collection of forensic evidence at the crime scene- quality & preservation of crime scene & recording of crime scene.

Section C (Lectures – 15)

Modern Scientific Techniques in Criminal Investigation

a. Scientific investigation techniques
    a. Narco Analysis Test
    b. Polygraph- Lie Detector Test
    c. BEAP- Brain Electric Activation Profile
    d. DNA profiling
    e. Paternity test
    f. Fingerprints
    g. Ballistic
    h. Voice identification- Forensics Acoustics- Speaker Identification
    i. Documents
    j. Trace evidence- hair-fiber etc
b. Application of above modern techniques to criminal trials, investigations, appeals.
c. Challenges in the use of these technologies and present situation in Indian perspective.

Case laws:

- Gautam Kundu v. West Bengal (1993) 3 SCC 418. (Paternity Test)
- Kanti Devi v Poshi Ram AIR 2001 S.C 2026. (Paternity Test)

Section D (Lectures – 15)

Legislative and Judicial Framework

a. Indian Evidence Act- Relevant Provisions relating to rules of relevancy and admissibility
b. Expert witness, dying declaration, cross examination and re-examination of witnesses
    a. (Sections 32, 45, 46, 47, 51, 57, 58, 60, 73, 112, 114A, 135, 136, 137, 138, 141)
    b. Frye case and Daubert Standard of admissibility of expert testimony (USA)
        i. *Frye* v. *United States*, 293 F. 1013 (D.C. Cir. 1923)
        ii. *Daubert v. Merrell Dow Pharmaceuticals, Inc.*, 509 U.S. 579 (1993).
c. Criminal Procedure Code
    a. (Sec 53[Explanation as to DNA Profiling, 2005 amendment] 53A, 54, [2005 Amendment], 161(2) [right to silence], police inquest [sec 174, 175], magistrate inquest [sec 176])
d. Constitutional Provisions- Article 20(3), Article 21(right to privacy)

- Nandini Sathpathy v. P.L.Dani AIR 1978 SC 1025 (right to silence)
- Rojo George v. Deputy Superintendent of Police 2006 (2) KLT 197 (Brain mapping, polygraph)
- Dr. Rajesh Talwar and Another v. Central Bureau Investigation through its Director and Other (famously known as Arushi Murder Case, 2013)
- State of Bombay v. KathiKalu Oghad AIR 1961 SC 1808 (Narco analysis)
- Selvi v. State of Karnataka AIR 2010 SC1974 (Narco analysis, Polygraph test)
- *Ram Swaroop v. State of U.P.*AIR 2000 SC 715 (Rigor Mortis)
- M.K. Usman Koya v. C.S. Santha, AIR 2003 Ker. 191 (handwriting expert evidence)
- Musheer Khan v. State of M.P., AIR 2010 SC 762 (Fingerprint Impression)
- *Solanki Chimanbhai Ukabhai v. State of Gujarat*, AIR 1983 SC 484 (Value of medical opinion)
- *Anil Kumar v. State of U.P.,* AIR 2004 SC 4662 (Medical opinion v oral evidence)

- Kehar Singh v. State (Delhi Admn.), 1988 AIR SC 1883 (Post Mortem report).
- Pritam Singh v. State of Punjab, AIR 1956 SC 415 (Science of Footprints)
- Abdul Razak v. State of Maharashtra, AIR 1970 SC 283 (Dog Tracking)

Reports

1. Expeditious Investigation and Trial of Criminal Cases Against Influential Public Personalities, Report no.239 submitted by The Law Commission of India, March 2012
2. Malimath Committee Report on Criminal Law Reforms, 2003.

Books:

1. A.J. Schwoeble and D.L. Exline, Current Methods in Forensic Gunshot Residue Analysis, CRC Press, Boca Raton (2000).
2. B. R. Sharma; "Forensic Science in criminal Investigation and Trails", Universal pub., 2013
3. B.B. Nanda and R.K. Tiwari, Forensic Science in India: A Vision for the Twenty First Century, Select Publishers, New Delhi (2001).
4. B.J. Heard, Handbook of Firearms and Ballistics, Wiley and Sons, Chichester (1997).
5. E. Elaad in Encyclopedia of Forensic Science, Volume 2, J.A. Siegel, P.J. Saukko and G.C. Knupfer (Eds.), Academic Press, London (2000)
6. M.K. Bhasin and S. Nath, Role of Forensic Science in the New Millennium, University of Delhi, Delhi (2002). Modi's Medical Jurisprudence, Butterworth & Co. (India), Ltd.
7. R. Saferstein, Criminalistics, 8th Edition, Prentice Hall, New Jersey (2004). 6. W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's Techniques of Crime Scene Investigation, CRC Press, Boca Raton (2013).
8. S.H. James and J.J. Nordby, Forensic Science: An Introduction to Scientific and Investigative Techniques, 2nd Edition, CRC Press, Boca Raton (2005).
9. W.F. Rowe, Firearms identification, Forensic Science Handbook, Vol. 2, R. Saferstein (Ed.), Prentice Hall, New Jersey (1988).
10. W.G. Eckert and R.K. Wright in Introduction to Forensic Sciences, 2nd Edition, W.G. Eckert (ED.), CRC Press, Boca Raton (1997).

Research Articles:

1. "Beyond Forensic Science: The Different Types of Forensics", available at: http://discovercriminaljustice.com/articles/beyond-forensic-science-the-different-types-of-forensics/
2. A.K. Srivastava, "DNA testing and human rights implications in civil and criminal investigations", CrLJ, Apr; 113(1288): J81-84p, 2007.
3. Akshat Rathi, "India's DNA profiling bill may become one of the world's most intrusive laws, available at: http://qz.com/463279/indias-dna-profiling-bill-may-become-one-of-the-worlds-most-intrusive-laws/
4. Caesar Roy, "Narco analysis test-Infringement of individual fundamental rights and as value as evidence", CrLJ, March; 115: 69-72p, 2009.
5. Dick Warrington, "Preventing Crime Scene Contamination", available at: http://www.forensicmag.com/articles/2014/01/preventing-crime-scene-contamination
6. Elonnia Hickok, Vipul Kharbanda and Vanya Rakesh, "CIS Comments and Recommendations to the Human DNA Profiling Bill", June 2015, available at: http://cis-india.org/internet-governance/blog/cis-comments-and-recommendations-to-human-dna-profiling-bill-2015
7. G.V. Rao, "DNA testing: Mere match is not conclusive proof unless statistics corroborate", *CrLJ*, October; 4(10): J296-J300p, 2012.
8. Gunjan Agrahari, "Narco analysis p300 test: Its objects and evidentiary evaluation", *CrLJ*, July; 113(1291): J171-74p, 2007.

9. J.K. Semwal and Garima Agarwal, "Forensic aspects of auditing and accounting a tool for scientific investigation of financial crimes", *Indian Journal of Criminology and Criminalistics,* Jan-Dec; 25(1-3): 78-84p, 2004.
10. M.A. Qureshi, "Speedy and scientific investigation of corruption cases", Central India Law Quarterly, Apr-Jun; 13: 197-205p, 2000
11. Megha Shankar, "A Critical Analysis of Crime Investigation System in India", available at: http://www.academia.edu/1983481/A_Critical_Analysis_of_Crime_Investigating_System_in_India
12. Naresh Kumar and Ved Pal Singh, "Narco-analysis test in investigation process: Law and judiciary", M.D.U. LJ; 14(1): 107-20p, 2009.
13. P.A. Sebastian, "Narco-analysis and the Indian criminal justice system", EPW, Sep.; 43(36): 19-20p, 2008.
14. Prarthana Banerjee, "Violation of human rights through scientific techniques", CrLJ, July; 119;7(1363) : J106-J112p, 2013.
15. Sarah Knapton,"Why your fingerprints may not be unique", The Telegraph, 24th September 2015, available at: http://www.telegraph.co.uk/news/science/science-news/10775477/Why-your-fingerprints-may-not-be-unique.html
16. Satyendera Kaul, "Narcoanalysis, brain mapping, hypnosis and lie detector tests in interrogation of suspect", ALA, Allahabad, 2008
17. Study conducted by Innocence Project, available at: http://www.innocenceproject.org/free-innocent/improve-the-law/fact-sheets/dna-exonerations-nationwide
18. Vaishali Shah, "Narcoanalysis: Illusion or truth?" *Gujarat Law Herald,* 2(6)June 30, 2013, 24-29p.

Scheme of Evaluation:

- Internal Assessment – 60 Marks
- T2/ Mid-term Exam – 40 Marks
- T3/ End-term Exam – 100 Marks

	MANAV RACHNA UNIVERSITY					
	FACULTY OF LAW					
	MASTER OF LAW (LLM) (LWP01)					
	CRIMINAL LAW					
	SEMESTER - 1					
Subject Code	**SUBJECT NAME**	**Credits**	**L**	**P**	**O**	**Contact Hrs/ Week**
LWH601	Research Methods and Legal Writing	3	2	1	0	3
LWH602	Comparative Public Law/ Systems of Governance	3	2	1	0	3
LWH603	Law and Justice in a Globalizing World	3	2	1	0	3
LWH641	General Principles of Criminal Law	2	2	0	0	2
LWH642	Criminal Justice Administration	2	2	0	0	2
	TOTAL (L-T-P-O/CONTACT HOURS/CREDITS)	**13**	**10**	**3**	**0**	**13**
	SEMESTER-2					
Subject Code	**SUBJECT NAME**	**Credits**	**L**	**P**	**O**	**Contact Hrs/ Week**
LWH644	Socio-Economic Offences	2	2	0	0	2
LWH647	Gender in Criminal Law	2	2	0	0	2
LWH648	National Security Laws and Fundamental Rights	2	2	0	0	2
LWH649	International Criminal Law	2	2	0	0	2
LWH604	**DISSERTATION**	4	0	0	4	4
	TOTAL (L-T-P-O/CONTACT HOURS/CREDITS)	**12**	**8**	**0**	**4**	**12**

	MANAV RACHNA UNIVERSITY					
	FACULTY OF LAW					
	MASTER OF LAW (LLM) (LWP01)					
	CRIMINAL LAW					
	SEMESTER - 1					
Subject Code	**SUBJECT NAME**	**Credits**	**L**	**P**	**O**	**Contact Hrs/ Week**
LWH601	Research Methods and Legal Writing	3	2	1	0	3
LWH602	Comparative Public Law/ Systems of Governance	3	2	1	0	3
LWH603	Law and Justice in a Globalizing World	3	2	1	0	3
LWH621	Constitutional Theory	2	2	0	0	2
LWH622	Civil Liberties	2	2	0	0	2
	TOTAL (L-T-P-O/CONTACT HOURS/CREDITS)	**13**	**10**	**3**	**0**	**13**
	SEMESTER-2					
Subject Code	**SUBJECT NAME**	**Credits**	**L**	**P**	**O**	**Contact Hrs/ Week**
LWH623	Welfare State and Constitution	2	2	0	0	2
LWH624	Indian Federalism	2	2	0	0	2
LWH625	Judicial Process	2	2	0	0	2
LWH626	Deconstructing Discrimination Laws	2	2	0	0	2
LWH604	**DISSERTATION**	4	0	0	4	4
	TOTAL (L-T-P-O/CONTACT HOURS/CREDITS)	**12**	**8**	**0**	**4**	**12**