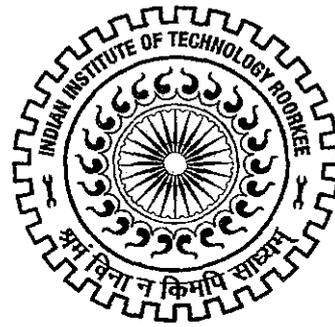


सीनेट की सोलहवीं बैठक का कार्यवृत्त
MINUTES OF THE 16TH MEETING OF THE SENATE

7TH AUGUST 2006



भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की - २४७ ६६७ (भारत)
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667 (INDIA)

**MEETING SECTION
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE - 247 667**

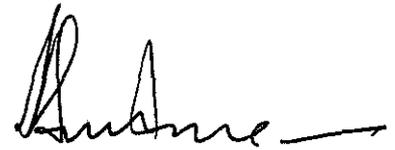
No.IITR/MS/16th Senate (08/2006)/812

Dated: 21st August 2006

All Members of the Senate
Indian Institute of Technology Roorkee

Subject: Minutes of the 16th Meeting of the Senate held on 7th August 2006 in the Senate Hall of the Institute.

Enclosed herewith please find a copy of the Minutes of the 16th meeting of the Senate of this Institute held on 7th August 2006 at 03.00 P.M. in the Senate Hall, for your perusal. Your comments, if any, on the minutes may please be sent within 15 days.



(A. K. Srivastava)
Lt. Col. (Retd.)
Registrar

Encl: As above

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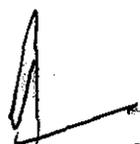
**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE-247 667 (INDIA)**



**Minutes of the 16th Meeting of the Senate held on 7th July 2006 at
03.00 P.M. in the Senate Hall of the Institute.**

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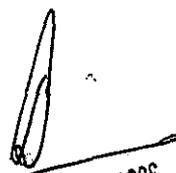
Minutes of the 16th Meeting of the Senate held on 7th August 2006 at 3.00 P.M. in the Senate Hall of the Institute.

The following were present: -

1. Prof. S.C. Saxena, Director - Chairman
2. Prof. H.K. Verma, Dy. Director
3. Prof. R. Shankar (Architecture & Planning)
4. Prof. G.S. Randhawa (Biotechnology)
5. Prof. B.M.J. Periera (Biotechnology)
6. Prof. R.P. Singh (Biotechnology)
7. Prof. I.M. Mishra (Chemical Engineering)
8. Prof. Bikash Mohanty (Chemical Engineering)
9. Prof. Shri Chand (Chemical Engineering)
10. Prof. I.D. Mall (Chemical Engineering)
11. Prof. A.K. Jain (Chemistry)
12. Prof. G. Bhattacharya (Chemistry)
13. Prof. R.N. Goyal (Chemistry)
14. Prof. Kamaluddin (Chemistry)
15. Prof. V.K. Gupta (Chemistry)
16. Prof. Anil Kumar (Chemistry)
17. Prof. (Mrs) Mala Nath (Chemistry)
18. Prof. A.K. Singh (Chemistry)
19. Prof. S.M. Sondhi (Chemistry)
20. Prof. M.K. Mittal (Civil Engineering)
21. Prof. G.L Asawa (Civil Engineering)
22. Prof. N.M. Bhandari (Civil Engineering)
23. Prof. V.K. Gupta (Civil Engineering)
24. Prof. S.S. Jain (Civil Engineering)
25. Prof. (Mrs) Renu Bhargava (Civil Engineering)
26. Prof. U.C. Kothyari (Civil Engineering)
27. Prof. D.K. Paul (Earthquake Engineering)
28. Prof. Ashwani Kumar (Earthquake Engineering)
29. Prof. H. R. Wason (Earthquake Engineering)
30. Prof. H. Sinvhal (Earth Sciences)
31. Prof. A.K. Jain (Earth Sciences)
32. Prof. V.N. Singh (Earth Sciences)
33. Prof. A.K. Awasthi (Earth Sciences)
34. Prof. H.O. Gupta (Electrical Engineering)
35. Prof. Vinod Kumar (Electrical Engineering)
36. Prof. Pramod Agarwal (Electrical Engineering)
37. Prof. S. Mukherjee (Electrical Engineering)
38. Prof. D.K. Mehra (Electronics & Computer Engg.)
39. Prof. A.K. Sarje (Electronics & Computer Engg.)
40. Prof. A.K. Saxena (Electronics & Computer Engg.)
41. Prof. (Mrs) Kum Kum Garg (Electronics & Computer Engg.)
42. Prof. S.N. Sinha (Electronics & Computer Engg.)


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- | | | |
|-----|----------------------------------|------------------------------------|
| 43. | Prof. Padam Kumar | (Electronics & Computer Engg.) |
| 44. | Prof. N.K. Goel | (Hydrology) |
| 45. | Prof. Pashupati Jha | (Humanities & Social Sciences) |
| 46. | Prof. D.K. Nauriyal | (Humanities & Social Sciences) |
| 47. | Prof. (Ms) Asha Kapoor | (Humanities & Social Sciences) |
| 48. | Prof. (Ms) Renu Rastogi | (Humanities & Social Sciences) |
| 49. | Prof. M.C. Bansal | (Paper Technology) |
| 50. | Prof. A.K. Ray | (Paper Technology) |
| 51. | Prof. Satish Kumar | (Paper Technology) |
| 52. | Prof. V.K. Nangia | (Management Studies) |
| 53. | Prof. G. S. Srivastava | (Mathematics) |
| 54. | Prof. (Mrs.) R.R. Bhargava | (Mathematics) |
| 55. | Prof. S.P. Sharma | (Mathematics) |
| 56. | Prof. T.R. Gulati | (Mathematics) |
| 57. | Prof. (Mrs) Rama Bhargava | (Mathematics) |
| 58. | Prof. R.C. Mittal | (Mathematics) |
| 59. | Prof. V.K. Katiyar | (Mathematics) |
| 60. | Prof. Y.K. Gupta | (Mathematics) |
| 61. | Prof. Pradeep Kumar | (Mechanical & Industrial Engg.) |
| 62. | Prof. Satish C. Sharma | (Mechanical & Industrial Engg.) |
| 63. | Prof. P.K. Jain | (Mechanical & Industrial Engg.) |
| 64. | Prof. P.S. Mishra | (Metallurgical & Material Engg.) |
| 65. | Prof. Satya Prakash | (Metallurgical & Material Engg.) |
| 66. | Prof. S. Ray | (Metallurgical & Material Engg.) |
| 67. | Prof. (Mrs) Vijaya Agarwala | (Metallurgical & Material Engg.) |
| 68. | Prof. S.K. Nath | (Metallurgical & Material Engg.) |
| 69. | Prof. Ishwar Singh | (Physics) |
| 70. | Prof. Jagdish Rai | (Physics) |
| 71. | Prof. Ravindra Nath | (Physics) |
| 72. | Prof. A.K. Jain | (Physics) |
| 73. | Prof. G.S. Singh | (Physics) |
| 74. | Prof. Rajesh Srivastava | (Physics) |
| 75. | Prof. Vir Singh | (Physics) |
| 76. | Prof. Devadutta Das | (WRDM) |
| 77. | Prof. Gopal Chauhan | (WRDM) |
| 78. | Prof. S.K. Tripathi | (WRDM) |
| 79. | Prof. Ashwani K. Chaudhary | (Institute Instrumentation Centre) |
| 80. | Prof. Karmeshu | Prof. & Dean, SCSS, JNU, New Delhi |
| 81. | Mr. Arun Kumar | Head, AHEC |
| 82. | Mr. Yogendra Singh | Librarian |
| 83. | Dr. R.P. Saini | Chief Warden, Cautley Bhawan |
| 84. | Dr. Manoj Mishra | (Electronics & Computer Engg.) |
| 85. | Dr. Rashmi Gaur | (Humanities & Social Sciences) |
| 86. | Lt. Col. (Retd) A.K. Srivastava, | Registrar - Secretary |


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The Chairman welcomed the members to the 16th Meeting of the Senate and specially Prof. Karmeshu, Dean, School of Computers & Systems Sciences, JNU, New Delhi.

Before taking up the agenda items, the Senate thanked the under-mentioned outgoing members and recorded its appreciation for their valuable contribution in the meetings of the Senate.

1. Prof. Prem Vrat, Former Director
2. Prof. S.C. Solanki, Department of Mechanical & Industrial Engg.

The Senate recorded the communications received from the following members for not attending the meeting:

1. Prof. N.K. Gupta, IIT, New Delhi.
2. Prof. Devi Singh, Director, Indian Institute of Management, Lucknow.
3. Prof. A.K. Jain, Department of Civil Engineering.
4. Prof. Ravi Bhushan, Department of Chemistry.
5. Prof. Ranvir Singh, Department of Hydrology.
6. Dr. R.P. Maheshwari, Associate Professor, Department of Electrical Engineering.
7. Dr. Ajay Gairola, Associate Professor, Department of Civil Engineering.
8. Dr. Manoj Kumar Arora, Associate Professor, Department of Civil Engineering.

Prof. H.K. Verma, Dy. Director on behalf of the Senate welcomed Prof. S.C. Saxena, the new Director and Chairman of the Senate.

The agenda was then taken up.

Item No.16.1.1 To confirm the minutes of the 15th Meeting of the Senate held on 30th March 2006 and urgent meeting held on 14th July 2006.

The Senate confirmed the minutes of the 15th Meeting of the Senate held on 30th March 2006, and the urgent meeting held on 14th July 2006 as circulated.


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Item No. 16.1.2 To receive a report on the actions taken to implement the decisions taken by the Senate in its 15th Meeting held on 30th March 2006 and urgent meeting held on 14th July 2006.

The Senate noted that actions have been taken on the decisions taken by the Senate in its 15th Meeting held on 30th March 2006 and in the urgent meeting held on 14th July 2006, with the following observation:

Item No.15.2.16 of the meeting dated 30.3.2006

To consider the relative weightage for undergraduate/IDD/Integrated M.Sc. & M.Tech. courses.

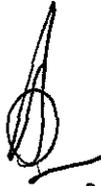
The word "**Head of the**" be deleted from the last para of the minutes. The last para of the minutes be read as under:

"The Senate further decided that the above relative weightage be considered for all UG/IDD/Integrated M.Sc. & M.Tech. programmes with the modification that the weightage for courses not covered by the above subject categories will be at the discretion of the concerned Department/ Centre."

ITEMS FOR CONSIDERATION:

Item No.16.2.1 To consider the new Institute Elective IHS-24: Philosophy of Science proposed by the Humanities & Social Sciences Department.

The Senate decided that as considered and recommended by the Board, UGS in its meeting held on 5th June 2006, the Institute Elective **IHS-24: Philosophy of Science** be approved subject to the proviso that the distribution of breakup of marks should be as per norms of the Senate, and the subject area should be an Institute Elective (**Appendix 'A'**).


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Item No. 16.2.2 To consider the opinion of IIT Kanpur for Revision of Schedule of Fees payable by new entrants.

After discussion, the Senate decided that at present, the item be postponed. Further, a fresh item containing a consolidated statement in respect of the Undergraduate and Postgraduate programmes be placed before the Senate for consideration. The statement should also contain the details of present fee structure and the proposed fee structure, including that recommended/ followed by the other IITs.

Item No. 16.2.3 To consider the award of Fellowship/Assistantship to the students punished for unfair means.

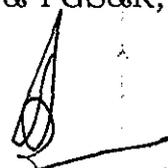
After discussion, the Senate decided that as considered and recommended by the Board, UGS in its meeting held on 5th June 2006, the amendment in the Senate resolution No. 15.2.4 dated 30.3.06, be approved as under:

“Those students, who have been punished for unfair means during MTE / ETE or a severe disciplinary action **has been taken against him/her**, be not awarded Merit-cum-Means Scholarship, **Fellowship, Assistantship** and other Trust Scholarship for the entire remaining period of the programme. However, the student shall not be considered for Medals, Prizes and Awards for that session only”.

The Senate **FURTHER DECIDED** that the matter be discussed in a joint meeting of the Boards UGS & PGS&R and a fresh agenda item be brought before the Senate to define the extent of punishment and the severe disciplinary action, which will render a student ineligible Scholarship, Fellowship, Assistantship and other Trust Scholarships, as well as Medals, Prizes and Awards.

Item No. 16.2.4 To consider the amendment in the “Instruction for penalty for use of unfair means”

After discussion, the Senate came to the conclusion that since the issue pertains to the UG & PG students, the issue be first discussed in a joint meeting of the Boards, UGS & PGS&R, and after that


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the same be brought before the Senate for consideration.

Item No. 16.2.5 To consider the Syllabus of the Course "Intellectual Property Rights for PG/Pre Ph.D. Students".

After discussion, the Senate decided that as considered and recommended by the Board, PGS&R in the meeting held on 3rd May 2006, the syllabus for the course "Intellectual Property Rights" for PG/ Pre Ph.D. Students as given at **Appendix 'B'** be approved.

Item No 16.2.6 To consider the issuance of a Degree to Shri Mukesh Kumar, Master of Engineering (E&CE) for the session 1990-91.

The Senate decided that as considered and recommended by the Board, PGS&R in the meeting held on 3rd May 2006, the original Degree of Shri Mukesh Kumar who had passed the Final Examination of the Master of Engineering in Electronics & Communication Engineering "Microwave and Radar" of the University of Roorkee held in the session 1990-91, be issued to him.

Item No. 16.2.7 To consider the recommendations of Prof. I.M. Mishra, Chairman of the earlier Committee for preparing the Senate Manual to review of functions of the ECS and inducting other members on the ECS.

After discussion, the Senate decided that as recommended by Prof. I.M. Mishra, Chairman of the earlier Committee for preparing the Senate Manual, the modifications in the Clause Nos. 3.1.1 and 3.3.2.18 of the Senate Manual be approved as under:

3.1.1 The Executive Committee of the Senate (ECS) shall consist of the following, namely:

- (a) The Director (*ex officio*), Chairman;
- (b) The Deputy Director (*ex officio*);
- (c) All Deans of the Institute (*ex officio*);
- (d) All Heads of the Departments/Academic Centres/ Service Centres (*ex officio*);



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- (e) **The Chairman, Library Advisory Committee (LAC), (ex-officio);**
- (f) The Librarian (ex-officio);
- (g) Chairman, JEE (ex-officio);
- (h) Chairman, GATE (ex-officio);
- (i) The Registrar (ex-officio), Secretary.

3.3.2.18 Besides the constitutional structure of various bodies, the other important components of students affairs, such as infra-structure, supporting staff requirements, service conditions and financial supports for smooth functioning of the Students Affairs at this residential institute shall be such as may be decided by the Institute from time to time.

Item No. 16.2.8 To consider the proposal of existing Conversion of Grade Point Average of Marks and Vice Versa recommended by the Committee.

After discussion, the Senate decided that as considered and recommended by the Board, PGS&R in the meeting held on 26th July 2006, the conversion between Grade Point Average and Marks as given in the table at **Appendix 'C'**, be approved. Further, linear interpolation shall be followed for ascertaining the intermediate values between the grade points and marks respectively, that have been specified in the table.

Item No. 16.2.9 To consider the submission of proof of eligibility requirements by various candidates who are offered admission to postgraduate courses in Engineering, Sciences and Business Administration.

After discussion, the Senate decided that as considered and recommended by the Board, PGS&R in the meeting held on 26th July 2006, the requirement of "60% marks upto the pre-final" be deleted from the admission brochure. The candidate should submit proof of passing the qualifying degree with a minimum of 60% marks or its equivalent or 6.00 CGPA on a 10 point scale (Unreserved category) or 5.50 CGPA (SC/ST category) upto 30th September of the year in which admission is granted.



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Item No 16.2.10 To consider the contingency rules as suggested by Deptts./Centres on request of Research scholars and M.Tech. Students.

Due to paucity of time, the issue was deferred to the next meeting.

REPORTING ITEMS

Item No. 16.3.1 To report the amendment made in the Academic Calendar for the Autumn Semester of the 2006-07 session.

The amendments made in the Academic Calendar for the Autumn Semester of the session 2006-07 at S.No. 11, 14, 15 and 41 to 47 as approved by the Director (Chairman) on behalf of the Senate were noted, as under:

11.	ORIENTATION FOR UG STUDENTS (NEW ENTRANTS)	AUGUST 01, 2006	TUESDAY
14.	REGISTRATION FOR ALL UG COURSES (NEW ENTRANTS).	AUGUST 02, 2006	WEDNESDAY
15.	CLASSES BEGIN FOR UG/IDD/M.Tech. INTEGRATED PROGRAMME - 1 ST YEAR COURSES (NEW ENTRANTS)	AUGUST 03, 2006	THURSDAY
41.	LAST DATE OF TEACHING FOR ALL UG/PG CLASSES	NOVEMBER 20, 2006	MONDAY
42.	DISPLAY OF COURSE WORK EVALUATION	NOVEMBER 21, 2006	TUESDAY
43.	NOTICES TO STUDENTS' NOTICE BOARDS REGARDING SHORTAGE OF ATTENDANCE (BY DEPARTMENTS/CENTRES)	NOVEMBER 21, 2006	TUESDAY
44.	ACTION BY ACADEMIC SECTIONS UGS AND PGS&R TO ASCERTAIN THAT THE DETAINED STUDENTS DO NOT APPEAR IN EXAM.	NOVEMBER 21, 2006	TUESDAY
45.	LAST DAY OF EVALUATION OF M.TECH. DESSERTATION FOR 3 RD SEMESTER & SENDING OF SATISFACTORY/ UNSATISFACTORY REPORT TO A.R.(PGS&R) BY DEPARTMENTS/CENTRES	NOVEMBER 24, 2006	FRIDAY
46.	PRACTICAL EXAMINATIONS, IF ANY	NOV. 22 TO 24, 2006	WED.-FRI.
47.	*END TERM EXAM. FOR ALL UG/PG/Ph.D. CLASSES INCLUDING PREPRATORY COURSE	NOV. 25 TO DEC. 03, 2006	SATURDAY TO SUNDAY


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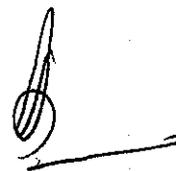
Item No.16.3.2 To report the clarification of the “the period already spent on work” included in resolution No. 5.3.2, passed by the Senate on 17.12.2002.

The Senate noted that the words, “the period already spent on work” included in Resolution No. 5.3.2 passed by the Senate on 17.12.2002, shall mean, “the period for which an assistantship/ fellowship of Government of India has been availed explicitly for pursuing Ph.D on the same problem”.

Item No.16.3.3 To report that the President of India in his capacity as the Visitor of IIT Madras has approved the proposal for creation of a Department of Engineering Design at IIT Madras.

Noted.

The meeting ended with a vote of thanks to the Chair.



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Appendix 'A'
Item No. 16.2.1

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

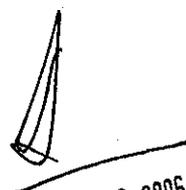
1. **Subject Code:** IHS - 24 **Course Title:** Philosophy of Science
2. **Contact Hours:** L: 03; T: 01; P: 0
3. **Examination Duration (Hrs.):** Theory Practical
4. **Relative Weightage:** CWS MTE ETE
5. **Credits:**
6. **Semester:** Spring Autumn Both
7. **Pre-requisite:** Nil
8. **Subject Area:** Philosophy
9. **Objective of the Course:**
The aim of this course is to introduce students to some of the major issues within the subject of philosophy of science and to critically examine the nature, methodology and the limits of science.

10. Details of Course

Sr. No.	Particulars	Contact Hours
1.	Introduction: Common Sense, Science and the philosophy of science. Different approaches to the philosophy of sciences: Analytical, Historical and Critical	4
2.	The Scientific Enterprise: Nature of scientific activity, Laws, Explanations and theories and their interrelations. Kinds of scientific explanations: Reductive, Holistic, Causal-mechanism, causal network, and ultimate explanation. The role of unobservable entities.	7
3.	Scientific Theory: Theory v/s Practice and Theory v/s Fact. The elements of a scientific theory: Facts, Laws of nature and Evidence. A Theory about theory: Realism and Instrumentalism.	6
4.	The Scientific Method: Observation, Questioning, Formulation of hypotheses, Testing / Experimentation, and explanation. Scientific reasoning: Induction and Deduction. The tentative nature of all scientific conclusions.	7
5.	Progress in Science: Normal Science and Revolutionary Science. Paradigms and Paradigm shifts. The consequences of paradigm shift – Theory incommensurability. Theory choice: Choosing between competing theories.	7
6.	Prediction in Science: Quantitative / Qualitative, Unconditional / conditional, Point prediction / interval prediction. Aspects of predictive success: Accuracy and reliability	7
7.	Natural Sciences and Social Science: The subjective nature of social subject matter. The value-oriented bias of social inquiry. Unpredictability of social sciences.	3
8.	Science: "Value -free" or "Value - laden"	1
Total		42

Suggested Books:

Sr. No.	Name of Author (s) / Book / Publisher	Year of Publication
1.	A.F. Chalmers, <i>What is this thing called science?</i> 3rd ed., Hackett.	1999
2.	Barrow, John, <i>Theories of Everything</i> , Oxford Univ. Press.	1991
3.	Chalmers, A.F., <i>What is this thing called Science?</i> Milton Keynes: Open University Press.	1982
4.	E. Nagel, <i>The Structure of Science</i> , Routledge and Kegan Paul.	1961
5.	Fetzer, J., <i>Philosophy of Science</i> , N.Y.: Paragon House.	1993
6.	Gilles, Donald, <i>Philosophy Of Science In The Twentieth Century: Four Central Themes</i> , Blackwell Publishers, Oxford, England.	1993
7.	Harré, R., <i>The Philosophies of Science</i> , 2 nd Ed., Oxford: Oxford University Press.	1985
8.	Hempel, C. G., <i>The Philosophy of Natural Science</i> , Englewood Cliffs: Prentice Hall, New Jersey.	1966
9.	Klemke, Hollinger, Rudge, and Kline (eds.), <i>Introductory Readings in the Philosophy of Science</i> , 3 rd ed., Prometheus.	1998
10.	Kuhn, Thomas, <i>The Structure of Scientific Revolutions</i> , Univ. of Chicago Press.	1962
11.	Solman, Merrilee et. al.: <i>Introduction to the Philosophy of Science</i> , Prentice Hall, Englewood Cliffs, New Jersey.	1992
12.	Wilson, E. Bright, <i>An Introduction to Scientific Research</i> , McGraw-Hill.	1952



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DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

1. Subject Code : HS - 502 Course Title : Intellectual Property Rights & Practices
2. Contact Hours : L-3; T-1 ; P-0
3. Examination Duration (Hrs.) Theory Practical
4. Relative Weightage : CWS PRS MTE ETE
5. Credits: 6. Semester
- Autumn Spring Both
7. Pre-requisite : Nil
8. Subject Area : Any branch of Engineering, Science and Humanities
9. Objective of Course: This is a course to introduce the contemporary knowledge of Intellectual Property Rights and their practical implications. The course will enable students and researchers to take up growing challenges of IPRs in professional life.
10. Details of Course:

S. No.	Particulars	Contact Hours
1.	<i>The Basic Concepts of Intellectual Property Rights:</i> Document & Classification / Patent / Copyright / Trademark / Geographical indications / Industrial design / Plant varieties / Rights of publicity / IP on the internet / Fair use	4
2.	<i>International agreement and treaties on Intellectual Property Rights:</i> Group of treaties on basic standards of IP protection / Global protection system treaties / Classification treaties/ WTO and GATT agreements / WIPO, PCT and TRIPS treaties	8
3.	<i>Advances in Intellectual Property Issues</i> IP in cyber world / Technological advances & IPRs / Traditional knowledge / IPR in expression of culture	4
4.	<i>Contemporary Issues in Economic Benefits of Intellectual Property Protection:</i> Investment / Return / Relocation / Globalization of markets / IP and world trade / Technology transfer / Valuation of IP	4
5.	<i>Protection of Intellectual Property Rights at National & International Level:</i> Protection of IPR / Indian patent laws and amendments / International patent laws / Implications of international trade law/Innovation, monopoly, software and free speech	9
6.	<i>Enforcement of IPR</i> Infringement Acts / TRIPS and enforcement / IPR litigation and settlement of disputes	4
7.	<i>Intellectual Property Protection in Practice:</i> Patent applicability of a work / Patentability analysis / Patent search / Patent writing/ drafting / Patent filing/ Procedure for obtaining patents / Protection of rights / Protection of claim and interest	5
8.	<i>Advances in Knowledge base for obtaining and use of patent:</i> IPR information technology / services of IPR agencies / dealing with user organization.	4
Total		42

Tutorial:

1. Patent search using different sites (NISCAIR / Patent office)
2. Patent writing (Exercise on example)
3. Copyright and Trademark (Exercise on example)
4. Protection of Intellectual Property Rights (Case studies)

Suggested Books:

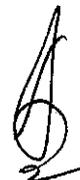
Sr. No.	Name of Books/ Authors	Year of Publication
1	Mark J. Davision: The Legal Protection of Databases, ed. (Cambridge University Press) UK.	2003
2	Universal Law Publication: Patent Act 1970 along with Patent Rules, (Universal Law Pub. Co. Pvt. Ltd.) New Delhi.	2005
3	Universal Law Publication: The Copy Right Act 1957 (Universal Law Pub. Co. Pvt. Ltd.) New Delhi.	2005
4	Commercial Law Publication: The Trade Marks Act 1999 with Trade Mark's Rules 2002 (Commercial Law Pub.) New Delhi.	2004
5	Graham Dutfield: Intellectual Property Biogenetic Resources & Traditional Knowledge, ed. (Earthscan) UK.	2004
6	Curtis Cook: Patents, Profits & Power – How intellectual property rules the economy, ed. (Kogan Page) UK.	2002
7	Sender, Marta, P: Cross-Border enforcement of patent rights, ed. (Oxford U. Press) UK.	2002
8	Bainbridge, David: Intellectual Property ed (Pearson) Pearson Education Ltd.	2002
9	Suggested website www.wipo.org	


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Conversion between Grade Point Average and Marks

Marks	Grades Point Average									
	10-point scale		9-point scale		6-point scale		5-point scale		4-point scale	
	Grade Point Average	% of max. grade point	Grade Point Average	% of max. grade point	Grade Point Average	% of max. grade point	Grade Point Average	% of max. grade point	Grade Point Average	% of max. grade point
40	4.00	40	3.45	38.33	2.30	38.33	2.00	40	1.62	40.50
45	4.50	45	3.90	43.33	2.55	42.50	2.25	45	1.80	45.00
50	5.00	50	4.37	48.56	2.85	47.50	2.50	50	1.98	49.50
55	5.50	55	4.78	53.11	3.19	53.17	2.75	55	2.13	53.25
60	6.00	60	5.34	59.33	3.56	59.33	3.00	60	2.38	59.50
65	6.50	65	5.76	64.00	3.85	64.17	3.25	65	2.55	63.75
70	7.00	70	6.19	68.78	4.13	68.83	3.50	70	2.75	68.75
75	7.50	75	6.70	74.44	4.45	74.17	3.75	75	2.95	73.75
80	8.00	80	7.15	79.44	4.75	79.17	4.00	80	3.16	79.50
85	8.50	85	7.60	84.44	5.05	84.17	4.25	85	3.35	83.75
90	9.00	90	8.05	89.44	5.35	89.17	4.50	90	3.58	89.50
95	9.50	95	8.50	94.44	5.70	95.00	4.75	95	3.80	95.00
100	10.00	100	9.00	100.00	6.00	100.00	5.00	100	4.00	100.00

Note: Linear Interpolation shall be followed for ascertaining the intermediate values between the grade points and marks, respectively, that have been specified in the table.


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