


**Manav Rachna University, Faridabad**  
(formerly Manav Rachna College of Engineering)

**MINUTES OF THE  
SEVENTH MEETING OF THE  
ACADEMIC COUNCIL**

**Dated: June 06, 2018**



**MINUTES OF THE SEVENTH MEETING OF THE ACADEMIC COUNCIL OF  
MANAV RACHNA UNIVERSITY HELD ON WEDNESDAY, DATED 06.06.2018  
AT 11:00 A.M. IN THE BOARD ROOM, H BLOCK, MRU CAMPUS,  
FARIDABAD.**

A meeting of the Academic Council was held on 06.06.2018 in the Board Room, H- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Hon'ble Vice Chancellor/ Chairman
2. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
3. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
4. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Electronics, D.U;
5. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad.
6. Prof.(Dr.) B.M. Bahal, Dean, Faculty of Applied Sciences & Research.
7. Dr. Sujata Nayak, HoD, Dept. of Mech. Engg.
8. Dr. Y.K. Awasthi, HoD, Dept. of E & C Engg.
9. Ms. Hanu Bhardwaj, HoD, Dept. of Computer Science & Tech;
10. Dr. Megha Mittal, HoD, Dept. of Chemistry;
11. Dr. Haider Abbas, HoD, Dept. of Physics;
12. Dr.A.K. Awasthi for, HoD, Dept. of Mathematics;
13. Mr. Jaideep Singh, HoD, Dept. of Humanities & languages;
14. Dr. Varsha Vahini, HoD, Dept. of Law
15. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
16. Prof.(Dr.) Sangeeta Banga, Professor (Chemistry.);
17. Ms. Meena Kapahi, Associate Professor (Chemistry.);
18. Dr. S.K. Shukla, Associate Professor (Chemistry);
19. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof. Arindom Chatterjee, Professor, Mgt. & Com., attended the Meeting on behalf of HoD, Mgt. & Com., Ms. Yogita Khanna, Associate Head, ECE, Dr. Pragati Chauhan, Assistant Professor, Dept of Mgt & Com, & Dr. Jyoti Pruthi, Associate Professor, CSE also attended the meeting to assist their HoDs' in deliberations.

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi, Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi, Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi, Prof.(Dr.) D.K. Sharma, Professor (Physics); Prof.(Dr). Jai R. Bhatnagar, Professor (CSE), Prof.(Dr.) Rajat Gera, HoD, (Mgt. & Commerce) and Dr. Babita Parashar, HoD (Education); could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.



The following are the minutes of the meeting:

### 7.1 Opening remarks by the Chairperson:

The Chairperson welcomed the Members present in the meeting. He extended a special welcome to Prof. (Dr.) Arindum Chatterjee, Professor, Mgt. & Com., who attended the meeting of the Academic Council for the first time on behalf of the HoD, Mgt. & commerce. The Chairperson mentioned that he feels happy to share that Manav Rachna University has been awarded with 'QS I-Gauge GOLD Rating' during the pilot event of Higher Education Rating System QS I-Gauge in New Delhi. QS I-GAUGE Gold Star Rating for the University is testimony to our focus on quality education, research and innovation eco-system over the years. He further said that a team of 14 students from Carleton University, Ottawa (Canada) visited the University Campus for a week under collaborative arrangement during the period from 07.05.2018 to 14.05.2018. The team was coordinated by Ms Meena Kapahi, Associate Professor looking after International Affair, Dr. Deepa Arora, Assistant professor and some other faculty members.

The University has recently started a Lecture series on different topics of public importance, first such Public Lecture on "Emerging Anti - Money Laundering and Benami Laws was organized on 2<sup>nd</sup> June, 2018. Mr. Arbind Modi, Member CBDT (Legislation) delivered the talk which received a huge applaud from the persons who attended the Lecture. The virtual Lab has also been started under the AICTE guideline. Dr. Mrinal Pandey, Assistant professor has been looking after the work. The Concluding Ceremony was also organized for the final year students of B.Tech and. B.Sc (Honours) programs of graduating year 2014-2018 and 2015-18 respectively.

He further shared with the Members the details of the Manav Rachna Excellence Award, which is given on the Birth Anniversary of the Founder Visionary Dr. O.P. Bhalla ji. Prof. Kaptan Singh Solanki, Hon'ble Governor of the State of Haryana was the Chief Guest on the occasion. Padmasri Dr. Pritam Singh Hon. Director General, Manav Rachna Educational Institutions headed the Search Committee at whose recommendation, the under mentioned persons from various walks of life were presented the Award for their achievement in different field.

**Mr. Arun Maira**, Former Member of Planning Commission of India was presented with Life Time Achievement Award, **Mr. Mukesh Kumar Surana**, Chairman & MD of Hindustan Petroleum Corporation Limited - Corporate & Industry Award, **Mr. Puneet Yadu Dalmia**, MD-OCL India Limited - Young Leader Award, **Mr. R.V. Shahi**, Chairman of Energy Infratech Private Limited - Nation Building Award, **Dr. Steven West**, Vice Chancellor, President and Chief



Executive Officer - UWE-Bristol - Global Thought Leader, **Mr. Yudhvir Singh Malik**, IAS, Secretary of Ministry of Road Transport & Highways - Change Maestro Award, **Mr. Rajeev Dubey**, President-HR Mahindra & Mahindra - People Builder Award and **Mr. Vijay Kumar Sharma** - ACE Shooter - Sports Award.

Lastly, the Chairman talked about the RAMKATHA which was organized by the Manav Rachna at a very large scale for 9 days from 26<sup>th</sup> May to 3<sup>rd</sup> June, 2018. Holy saint Morari Babu ji, a renowned exponent on Ram Charit Manas, who has been reciting Ram Katha for over 50 years, recited "Shri Ram Katha". The inaugural ceremony was marked by the presence of Srimati. Smiriti Irani ji, Hon'ble Minister of Textile, Govt. of India. It was followed by visit of the eminent dignitaries of the State / Govt. of Haryana viz. His Excellency Governor of State of Haryana, Hon'ble Chief Minister, Hon'ble Minister of Education, Hon'ble Minister of Industry, Haryana, Member of Parliament and MLAs of the area. Approximately 12000-15000 persons from different walks of life from adjoining cities/towns/villages of Faridabad and distant places came to attend the Ram Katha daily. Bhandara was also organized every day for all the devotees present. With these words, he concluded his opening remarks and requested the Registrar to take up the Agenda. The Registrar took the agenda items one by one for deliberation.

### **7.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 08.12. 2017.**

The Academic Council was informed that Minutes of the Sixth Meeting of the Council, held on 08.12.2017, were circulated to all the members vide letter no. MRU/AC (A&M)/ Vol.II /2017 dated 04.01.2018; no comments were received from any one of the members. The Council was requested to approve the Minutes. The Council confirmed the Minutes.

**Decision: Academic Council confirmed the Minutes of the last meeting.**

### **7.3 Action Taken Report on the decisions taken in the Sixth Meeting of the Academic Council.**

The Council was apprised with the action taken by the University on the decisions of the AC taken in the last meeting and requested to take it on record.

<b>Sl. No.</b>	<b>Agenda</b>	<b>Decisions</b>	<b>Action Taken thereon</b>
1.	Opening remarks by the Chairman	-	-
2	Confirmation of the Minutes of the last meeting of the	Academic Council approved the Minutes of the last	Action were taken as approved

Minutes of the Seventh Meeting of the Academic Council held on 06.06.2018



	Academic Council held on <b>08.09.2017</b>	meeting.	
3	Action Taken Report on the decisions taken in the Fifth meeting of the Academic Council.	Academic Council took the Action Taken Report on record.	-
4	Introduction of two new programmes specialization of B.Tech, CSE.  A. specialization in Data Science & Machine Learning  B. specialization in Digital Transformation Engineering.	Academic Council took the information on record.	Proposal submitted to the Govt for granting permission to start the Programs from the session 2018-19. Approval of the Govt. is received on 05.05.2018.
5	Conferment of Degrees to the students (first batch of M.Tech & MBA) pass out from the University	Academic Council approved the proposal for conferment of Degree to 12 Graduates in first convocation.	Degree awarded to the students in the First Convocation held on December 16, 2017.
6	Any other matter with the permission of chair.	Achievement of Mr. Gaurav Kalra, BBA student was applauded by the Council	No action required.

**Decision: Academic Council took the Action Taken Report on Record.**

#### **7.4 Matters for Information**

Registrar apprised the Hon'ble Members of the Academic Council of the achievements made by some of the faculty and students during the last 6 months period as under:

##### **(i) Achievements by the Faculty**

**Ms. Hanu Bhardwaj**, HoD, Dept. of Computer Science & Technology was recognized as SILVER Partner Faculty whereas **Dr. Jyoti Pruthi**, **Dr. Mrinal Pandey**, **Ankur Kumar Aggarwal**, **Bharti Jha**, **Mamta Arora**, **Neelu**





**Chaudhary, Ram Chatterjee, Sunny Dagar and Urmila Pilia** were recognized as BRONZE partner faculty under Inspire-The campus Connect Faculty Partnership Model 2018 by Infosys Campus Connect 2018

**Dr. Parneeta Dhaliwal, Associate Professor, was nominated as TPC Member** for International Conference on “Machine Learning, Big Data, Cloud, and Parallel Computing: Trends, Perspectives, and Prospects, 2019”. **Ms Manpreet Kaur, Assistant Professor,** acted as Member of the Technical Program Committee (TPC) for International Conference “Towards Extensible and Adaptable Methods in Computing (TEAMC), March, 2018(Springer)”.

**Dr. Sachin Lakra, Associate Professor,** also acted as TPC Member for 5th International conference on Computing for Sustainable Global Development 2018 (IndiaCOM 2018) held at Delhi, India from 14-16th March, 2018. Dr. Lakra also acted as Reviewer for International Conference on Computational Intelligence and Data Science 2018 held at Gurugram, India, 7-8 April, 2018 (Elsevier conference).

#### **(ii) Achievements by the Students**

**Srushti Suresh,** student of B.Tech, CSE, 1st year, secured **1st position** in Dialogue conversation competition organized by humanities students. She also took interview of the famous youtuber Sejal Kumar and she was promoted to Managerial post in AIESEC organization (Global).

**Arish Fatima,** student of B.Tech, CSE, 2nd year, awarded with **1st position** in TechnoVogue organized by Innoskill 2018.

**Ankur Bhatt & Dhruv Yadav,** students of B.Tech, CSE, 2nd year, awarded with **2nd position** in Web Development organized by Innoskill 2018 and they have also published paper on LIFI.

**Abhishek Sontakke and Aman Diwakar,** students of B.Tech, CSE, 2nd year, published paper titled “One Time Password Flaws in Generation Techniques and Enhancing the Security” in conference SmartTech 2018, Gr. Noida by Springer.

**Saurabh Sethi,** student of B.Tech, CSE, 2nd year, published paper titled “A brief framework to analyze and predict trends in mobile applications” in conference Recent Technologies in IT, held at KL Mehta College, Faridabad.

**Academic Council took the above information on record.**

**7.5 Approval of Program Structure and Syllabus for the Second Semester of Law Programs.**



The Council was informed that the Department of Law has been offering BA LLB, BBA LLB & B.Com LLB Programs from the session 2017-18. 1st Semester syllabus for all the three programs was approved by the Academic Council in its fifth meeting held on 08.09.2017. The Second Semester of the program is in progress. The department has now, come out with the detailed program structure and the course curriculum for the second semester, which is duly approved by the Board of Studies of the Department. The copies of the program structure and course curriculum for the Second Semester for all the three programs were tabled in the meeting for consideration of the council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the Program Structure and Syllabus for the Second Semester of all the three law programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.6 Approval of the Ordinance relating to award of Bachelor Degree in Business Administration.**

Hon'ble Members of the Council were apprised that the Department of Management and Commerce which has been offering BBA programs with different specializations from the academic session 2016-17 has now, proposed draft ordinance for the BBA Programs relating to award of the degree of Bachelor of Business Administration. The council was requested to deliberate over it and approve the same for submission to the Board of management.

The draft Ordinance was duly deliberated by the Council. Prof. ( Dr.) R K. Singh, one of the Expert Members mentioned that “**preferably at a beginning of the semester**” under the sub para of the clause 7.1 (a) gives leverage to admit the candidate at any time in any semester, this needs to be given a relook. Registrar submitted before the Council that in the First Ordinance of the University, in case of admission through Migration, it is clearly mentioned that a candidate may be allowed to migrate to this university from other universities **at the beginning of preferably third semester**. We may follow the same in case of BBA ordinance. This was unanimously agreed.

**Decision: Academic Council approved the Ordinance with the advice as above and recommended for placing the same before the Board of Management for their approval. Recommended Ordinance is annexed as Annexure-I**

#### **7.7 Revision of syllabus for the B.Tech., Electronics & Communication Engineering**



It was submitted for information of the Academic Council that the Program structure and syllabus for the existing B. Tech, Electronics & Communication Engineering program was approved by the Board of Management in its first meeting held on 10.03.2015 in as much as the Academic Council of the University was not constituted at that time.

Now, in view of the model curricular launched by the AICTE recently, the Department revisited the syllabus and deliberated the same in the Board of Studies of the Department accordingly, the Department has proposed the changes in some of the courses such as Analog Integrated Circuits and Antenna & Wave Propagation (4<sup>th</sup> Sem.), Operational research, Numerical Methods, Electives from Physics & Chemistry Dept.(7<sup>th</sup> Sem.). The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for the B.Tech. Electronics & Communication Engineering Program with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.8 Approval of Program Structure and Syllabus of the new UG Programs- B.Tech, Electronics & Computer Engineering.**

Academic Council was informed that the University has asked permission from the Government after due approval of the AC & BoM to start the above program from the Academic Session 2018-19. Approval of the Govt. has now been received vide their letter dated 05. 05.2018 The Department of Electronics and Communication Engineering under which the program is to be offered has now proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for the new UG Programs- B.Tech, Electronics & Computer Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.9 Approval of Program Structure and Syllabus of the new PG Programs- M.Tech, Embedded System and VLSI.**





Academic Council was informed that Department of Electronics and Communication Engineering has proposed to offer the above program from the Academic Session 2018-19. The proposal of the Department has been duly approved by the Academic Council and thereafter submitted to the Government for seeking their approval to start the above program. Approval of the Govt. has now been received vide their letter dated 05.05.2018. The Department has now proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department. The same shall be tabled in the meeting for consideration of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for new PG Programs- M.Tech, Embedded System and VLSI with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.10 Revision in Program Structure of the B.Tech. & M.Tech.-Mechanical Engineering.**

It was submitted that the Dept. of Mechanical Engineering took a review exercise of the program structure and course curriculum of the existing B.Tech. & M.Tech. programs in Mechanical Engineering, in view of the model curriculum launched by the AICTE in recent past.

The Department revisited the syllabus in the meeting of the Board of Studies and has now proposed for reducing overall credits in respect of B.Tech ME Program from 195 to 160 and M.Tech CSE Programs from 93 to 68 from the Academic Session 2018-19.

The Council deliberated over the proposed syllabi and approved the same with advice that references should be given in all the sections/Units.

**Decision: Academic council approved the revised Program Structure and Syllabus for the B.Tech. & M.Tech.-Mechanical Engineering with the advice that references should be given in all the sections/Units. . Approved updated program structure and syllabus of program is annexed as Annexure No-II**

#### **7.11 Revision of the courses offered under B.Sc (H) Chemistry.**

It was submitted that the Department of Chemistry has proposed minor revision in the existing B.Sc Course of 5th Semester. In place of Seminar department wants to offer Minor project and has come out with a new scheme for a Major Project that will be offered in 6<sup>th</sup> Semester. Further Department has proposed



minor changes in the Environmental Science Scheme as 2-0-0-2 mode in place of existing 1-0-2-0 mode. There is no change in the content of the existing syllabus except classifying few topics which are proposed to be covered in outcome mode. Academic Council was requested to approve the same.

**Decision: Academic Council approved the proposed syllabus of B.Sc. (H) Chemistry.**

#### **7.12 Introduction of new specialization Inorganic Chemistry in M.Sc.-Chemistry Program.**

Academic Council was informed that the Department of Chemistry is presently offering M.Sc. Chemistry program with specialization in Organic Chemistry for the last two academic years. Now, it has proposed to offer one more specialization i.e. Inorganic Chemistry from the academic year 2018-19. This will enable the students to have an option to choose one of them.

The Department has also proposed to increase the credit for the Major Project from **6 to 8** which is currently offered in 4<sup>th</sup> semester of Organic Chemistry. This scheme shall also be followed for new specialization in Inorganic Chemistry to be introduced from the Academic Session, 2018-19. Detailed program structure for M.Sc. Chemistry Program for both the specializations and Project Evaluation Scheme with regard to both the specializations was placed for consideration of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for the new specialization in Inorganic Chemistry in respect of M.Sc.-Chemistry Program and revision in the existing syllabi of Organic Chemistry offered in 4<sup>th</sup> Semester with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/Chairman to approve the updated syllabus.**

#### **7.13 Revision in the syllabus of Chemistry offered to 1st year students of B.Tech. programs.**

It was submitted that the Department of Chemistry has made proposal to amend the course contents of Chemistry offered to the student of engineering discipline in view of the model curriculum launched by the AICTE in the recent past. Considering the contents prescribed in the model curriculum and the one under offer to the students, the Department has come out with necessary changes in the existing course contents of the Chemistry. Some of the topics from the courses have been deleted or substituted with new one.



Further, Department has proposed to offer Environmental Science to engineering students from mode 1-0-2-0 to 2-0-0-2 to keep uniformity among the non-engineering and engineering students. However, syllabus shall remain the same.

The Changes proposed in the course contents to be offered to the engineering students are placed before the Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revision in the Program Structure & syllabus of Chemistry offered to 1st year students of B.Tech programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.14 Approval of Program Structure & Syllabus for BBA Programs from 2<sup>nd</sup> to 4<sup>th</sup> Semester.**

Academic Council was informed that Program Structure & Syllabus for 1<sup>st</sup> Semester of BBA Programs with three specializations Health Care Management, Entrepreneurship and Family Business and Finance & Accounts were approved by the Council in its Third Meeting held on 20.10.2016. The program is now in the Fourth Semester. The Department has now prepared Program Structure & Syllabus upto 4<sup>th</sup> Semester which have been duly approved by the BoS of the Department.

Detailed program structure & Syllabus for BBA Programs with three specializations were placed before the Academic Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure & Syllabus for BBA Programs from 2<sup>nd</sup> to 4<sup>th</sup> Semester with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.15 Any other matter with the permission of chair.**

Dr S. K. Goyal, Hon'ble member of the Academic Council tried to know whether the University had Industry connect or not. He mentioned that faculty members should take out some time from their regular schedule to spent few hours in Industry; it would provide Industry exposure to them. He further stated that 10% of the programme should come from industry sponsorship. Board of Studies of the Departments should have people from industry so that they remain aware of



the need of the industry. He would provide the names from the pool of industry people available with him, Pro Vice Chancellor and Director Industry Interaction briefed Dr. Goyal of the efforts put forth by the university departments to provide industry exposure to the students. He assured to help the University on the following:

1. PhD sponsorship by Industry.
2. Post Graduation in collaboration with Industry.
3. CSR grant from Industry for revival of Pond in Village.

Prof. R.K. Singh, another Hon'ble member of the Council stated that, it is indeed a wonderful idea that faculty should visit the industry to have a meaningful dialogue with the industry people, but if we work on the pattern of Silicon Valley, Industry can also visit MRU. It may better be called as industry academia face. Dr. Goyal may be right person for this discourse. He applauded the University for the efforts put forth by it in pursuit of achieving its goal in short span of three & half years of existence.

#### **S.A.7.1 Revision of syllabus for the B.Tech., Computer Science & Engineering.**

It was submitted for information of the Academic Council that the Program structure and syllabus for the existing B. Tech. Computer Science & Engineering was approved by the Board of Management in its first meeting held on 10.03.2015 in as much as the Academic Council of the University was not constituted at that time.

Now, in view of the model curriculum launched by the AICTE in the recent past, the Department revisited the syllabus in the meeting of the Board of Studies and has now proposed for reducing overall credits in respect of B.Tech CSE Program from 200 to 160 and M.Tech CSE Programs from 93 to 68 from the Academic Session 2018-19. Further, changes have also been proposed in the existing syllabi for 2015, 2016 & 2017 batch. The details thereof were presented before the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revision in the syllabus of B.Tech., Computer Science & Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**





### **S.A.7.2 Approval of Program Structure & Syllabus for two Specializations in Data Science & Machine Learning and- Digital Transformation Engineering for B.Tech CSE program**

It was submitted that the Department of Computer Science & Technology has proposed to offer two specializations of B.Tech, CSE from the Academic Session 2018-19 with due approval of the Competent Bodies and the Government. The Additional courses for specialization which will be taught to the students was tabled in the meeting of the Council.

The Council deliberated over the proposed syllabi and approved the same with the advice that references should be given in all the sections/Units.

**Decision: Academic council approved Program Structure & Syllabus for the courses to be offered in two Specialization i.e in Data Science & Machine Learning and Digital Transformation Engineering, of B.Tech CSE with the advice that references should be given in all the sections/Units. . A copy of the updated syllabus with program structure is annexed as Annexure No-III.**

### **S.A.7.3. Revision of syllabus of Physics offered under B.Tech Programs.**

The Academic Council was informed that the Department of Physics has revisited the syllabus of the above program in the wake of model curriculum launched by the AICTE and has come out with changes in courses viz Quantum Mechanics for Engineers offered to B.Tech CSE, 1<sup>st</sup> Semester, Introduction to Mechanics offered to B.Tech ME, 1<sup>st</sup> Semester, Introduction to Electro-Magnetic Theory offered to B.Tech, ECE, 2<sup>nd</sup> Semester and Oscillations, waves & optics offered to B.Tech ME 3<sup>rd</sup> Semester. The program structure & syllabus were presented before the Council for consideration.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the revision of the syllabus of Physics offered under B.Tech Programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**





#### **S.A.7.4. Revision of syllabus of Physics offered under 2<sup>nd</sup> Semester of M.Sc. (Physics) Programs.**

The Academic Council was informed that the Department of Physics has revisited the syllabus of the above program and deliberated in the meeting of Board of Studies of the Department. It has proposed changes in the course of Electrodynamics and Plasma Physics. Relativistic Electrodynamics shifted from Section A to Section C and D. Plasma Physics contents are rearranged and hydrodynamics portion is reduced. The revised syllabus was presented before the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the revision in the syllabus of Physics offered under 2<sup>nd</sup> Semester of M.Sc. (Physics) Programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **S.A.7.5 Revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1<sup>st</sup> Year Students.**

The Academic Council was informed that the Department of Humanities & Languages has revisited the syllabus to keep the course contents updated, modified with a perspective to the advancement in the syllabus of English as to keep pace with the best institutions of the Nation and to synchronize with the requirements of industry and having in consideration. It has proposed to offer **Professional English** to the B.Tech.1<sup>st</sup> year students during 1<sup>st</sup> semester with LTP 2-0-2 (3 Credits) whereas B.Sc (Hons.) 1<sup>st</sup> Year Students are proposed to offer **Business English & Communicative English** in both 1<sup>st</sup> & 2<sup>nd</sup> Semester with LTP 1-0-2 (4 Credits).

While proposing the revision of the courses, AICTE model curriculum has been adopted as such with some minor incorporation of topics and units. Some topics/units are merged, added, removed and modified keeping in view the advances in knowledge and the requirements of our university in sync with AICTE.

The revised course contents deliberated in the meeting of Board of Studies of the Department. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same



**Decision: Academic council approved the revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1<sup>st</sup> Year Students with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

  
**(Dr. K. Singh)**  
**Registrar/Member Secretary**

F.No. MRU/AC (A&M)/ Vol. II/2017

Dated: 03.01.2018

Copy to:

1. Ps to Chancellor for kind information of the Hon'ble Chancellor
2. Ps to VC for kind information of the Hon'ble Vice Chancellor
3. Ps to VP for kind information of the Hon'ble Vice President
4. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
5. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
6. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
7. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ.,
8. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
9. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
10. Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi
11. Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi,
12. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
13. Dr. Sujata nayak, HoD ( Mech. Engg.)
14. Dr. Y.K. Awasthi, HoD (E & C Engg.);
15. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
16. Dr. Megha mittal, HoD, Dept. of Chemistry
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr.A.K. Awasthi for, HoD, (Mathematics);
19. Mr. Jaideep Singh, HoD, (Humanities)
20. Dr. Babita Parashar, HoD ( Education);
21. Dr. Varsha Vahini, HoD, Law
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr).Jai R. Bhatnagar, Professor (CST)
24. Prof.(Dr.) D.K. Sharma, Professor (Physics);
25. Dr. Sangeeta Banga, Professor (Chmistry.);
26. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
27. Dr. S.K. Shukla, Assoc. Professor
28. Dr. Kameshwar Singh, Registrar / Member Secretary;



Minutes of the Seventh Meeting of the Academic Council held on 06.06.2018

**CHAPTER: 7 OF THIRD ORDINANCE  
BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

7.0 The University shall offer BBA programs in various functional and sectoral specializations and areas. It is a full time degree awarding undergraduate program of three years duration. The maximum period in which a candidate must qualify for the degree shall be five academic years failing which candidate shall not be allowed to continue studies for the program.

**7.1. ADMISSION:**

All admissions to the BBA program shall be made under the supervision of the Admission committee constituted for the said purpose by Vice Chancellor. The admission committee shall publish the schedule of admissions.

**a. Eligibility:** Candidates having passed 10+2 examination in Commerce/ Arts / Sciences from a recognized Board / University, or equivalent examination with minimum marks in aggregate of all subjects including English Language as prescribed by Academic Council, shall be eligible to apply for admission to a BBA program.

A candidate may be allowed to migrate to this university from other universities, at the beginning of preferably third semester, subject to his/her fulfilling the criterion laid down in rules and regulations of the university.

All candidates admitted provisionally, shall have to fulfill all admission related requirements before the cut-off date declared by the university.

**b. Merit Criterion for admission:** Admission to the BBA Program shall be made on the basis of merit in a national level entrance exam notified by the University or on the basis of an entrance examination conducted by the university or on the basis of merit of qualifying examination. University may conduct Group Discussion and Interview or as prescribed by Academic Council from time to time. Such admissions shall be completed by a due date notified by the university.

Reservation of seats shall be made as per provision of Haryana Private Universities Act 2006.

**PROGRAM OF STUDY:**

**a. Program Duration:** The program offered shall be semester based and comprise six semesters. Each semester shall normally be of twenty weeks duration. The University may, in addition, offer mandatory Summer Trainings/Workshops/Courses for the students. Special classes may be conducted during week-ends and holidays. The medium of instruction for examination, seminars, project reports etc. will be English.

**b. Academic Year:** For a program the academic year shall normally comprise of Odd semesters, even semesters and a Summer Training/internship period. Any of the semesters may be for On Job Training /Internship or Project work.

The starting and ending dates of the semesters and the Summer Training/Internships schedules shall be announced in the academic calendar of the program. The minimum working days and teaching hours per week will be defined and followed as per regulatory authorities and University requirements. Inter-semester break may be utilized for curriculum requirements.



### c. Program Structure:

The program of instruction will consist of:

- a) **Core Courses:** Group of courses specifically required for a given program of study. These are compulsory for a student and no exemption is granted.
- b) **Elective courses:** Group of courses in a program where the student has the flexibility of choosing courses of his choice and interest.

The various courses shall comprise one or more of following four components:

- a) Lecture (L)
- b) Tutorial (T)
- c) Practical (P) &
- d) Outcome (O)

**Lecture:** Presentation & discussion, used to convey theoretical concepts and phenomenon governing business world; development of theories explaining these phenomenon and their applications.

**Tutorial:** A smaller class or group session aimed at problem solving; analysis and/or designing by applying that have been discussed in a lecture.

**Practical Lab:** Module of the course aimed at doing practical work using different systems or softwares.

**Outcome:** Component of a course referring specifically to one or more outcomes of the course/program which are not achievable through regular L-T-P structure. This may include seminars/projects/presentations/ etc.

The Core/Elective courses offered may be

- (i) **Hard Courses:** Hard courses refer to set of courses aiming at development of hard skills specific to domain or supplementing the domain
- (ii) **Soft Courses :** Soft courses are courses aimed at development of a person's emotional, social, ethical, professional and creative potential
- (iii) **Workshop courses:** These are hand on courses conducted in field/organization /classroom aimed at developing practical skills/application orientation/implementation capabilities/design skills of the student.
- (iv) **Non-Teaching Credit courses:** These courses involve no teaching. They can include seminars, presentations, dissertations, projects, thesis, reflective journal etc with approval of the Department.
- (v) **Special courses:** These courses are for development of hard skills and are specially designed to address different scholastic abilities of students. The focus of these courses would be on developing practice based proficiency in analytical abilities and problem solving related to domain expertise.
- (vi) **University mandatory Courses:** These are compulsory courses prescribed by the University or regulatory authorities and include audit courses. There may be credit or non-credit courses but for Audit courses, there would be no credits. For other courses, credits would be decided by the Department.





Additional training could be imparted through

- (i) Summer Project: The module shall be designed with the purpose of enhancing professional proficiency and abilities of students by undertaking domain specific projects assigned by the organization.
  - (ii) Summer Internship: The module shall be designed with purpose of enhancing employability skills of the students by undertaking project/ assignment in an organization allotted for 6-8 weeks.
  - (iii) On The Job Training: The module shall be designed with the purpose of imparting job experience to the students by working in an organization in specific domain for 20-24 weeks.
  - (iv) Bridge courses: Are courses which aim to impart basic knowledge and skills required to undertake the core and elective courses. They will not carry any credits.
- (d) **Program Credit distribution:** University shall follow the choice based credit system as defined under the ordinance entitled 'Credit System'. The minimum credit requirement for award of the BBA degree shall be 150 and as specified in the curriculum and scheme of examination. A student is allowed to register for lesser or higher credits in a semester with the prior permission of competent authority and as per University norms

## 7.2 EXAMINATION:

- a. The University shall follow a policy of continuous evaluation with the objective of training a student to put in sustained and disciplined effort over the entire period of study.
- b. The examination fee/supplementary exam fee to be paid by a candidate in each Semester, will be as per the norms of the University.
- c. The evaluation will consist of Part A and Part B in the ratio of 4:1
- d. For hard courses, the PART A of the semester evaluation shall comprise of three written examinations namely T1, T2 and T3 (End Term Exam) and PT1, PT2 and PT3 (Final External practical examination) for practical and Lab based courses.
- e. For hard courses, End Term exam will be minimum 50% of total weightage of the course.
- f. Part B of evaluation shall comprise continuous evaluation components that may include assignments, quizzes, tutorials, surprise tests etc. Part B of evaluation will be minimum 20% of the total weightage of the course
- g. For soft courses, The PART A of evaluation will consist of end term examination. Lab/Practical component of the course shall be evaluated in same manner as hard courses.
- h. For Soft courses, Part B of evaluation will be minimum 20% of the total weightage of the course
- i. In case of Non- Teaching Credit Courses (NTCC) evaluation shall be based on mid semester and end semester examination which may consist of a written report, presentation, and viva-voce.
- j. Summer training shall culminate into submission of report and its evaluation. The mode of evaluation shall be announced at the beginning of the summer training.





- k. Part A can be conducted in different modes (written closed book, open book, multiple choice, essay type, case study based etc.).

Instruments of Part B assessments can be quiz/ assignment/ problem solving/ class participation/ presentations/ seminars/ term paper submission/ project submission etc.

- l. Any other course component can be introduced for which mode of evaluation shall be announced at commencement of the semester.

### 7.3 Examination regulations

- a. Announcement of Examination calendar/schedule:

In consonance with section 36 of the Haryana Private Universities Act, 2006, the dates of examination shall be announced at beginning of the Academic. The University shall prepare and publish a semester wise schedule of examinations for each program conducted by it

- b. Attendance: A candidate should have regularly attended the classes and maintained minimum attendance in a course as laid down in Attendance Rules and Regulations by the University from time to time. A candidate who does not meet the minimum attendance requirements shall be required to re-register for that course and all internal assessments/test scores of that course shall become null and void.

Dean of the concerned Faculty shall announce the names of all such students who are not eligible to appear in a particular course/courses normally within a week of end of classes of that semester and intimate the same to Controller of Examinations for necessary action.

- c. Examination Fees

All candidates shall have to pay the requisite examination fee and fulfill the necessary conditions of filling examination form etc. as prescribed by the University.. A candidate who has not paid the prescribed fees payable by the students for various examinations shall be dealt with as per the rules of the University and shall not be ordinarily eligible to appear for the examination.

- d. Conduct of tests and end semester examination: Examinations of the University shall be open to regular studentsie candidates who have undergone a period of study for a period specified for that programme of study.

A student may be debarred from appearing in the end-semester examination as provided in clause 6.4 (b) and (c) of this ordinance or as provided in any other Ordinance of the University.

All tests and End Term examinations shall be notified and conducted by Controller of Examination (CoE) as per clause 6.4 (a) of the ordinance. The examiners for theory/practical/project report/training report/any other component shall be recommended by the Dean of the Faculty, and shall be approved by the Vice Chancellor and notified by the CoE.

The mode of conduct of examinations shall be as specified in the study scheme of the programme or /and as decided by CoE on the recommendation of Board of Studies concerned with approval of Vice Chancellor.

- e. Preparation and Declaration of Result:



- i) Course co-ordinator who is normally a faculty member teaching a course, shall coordinate the submission of marks of all components of the evaluation to the CoE and shall submit the break-up of marks of all components of the evaluation to the Head of Department for records.
- ii) The CoE shall call a meeting of Result Moderation Committee comprising of Dean Academics (Chairperson, All Deans of the University (Members) Head of Concerned Department (Member) and CoE (Member Secretary) to moderate the results as per University rules.
- i) The final results shall be declared by the CoE normally within three weeks of last examination held.
- ii) The Grade Card containing the Semester Grade Point Average (SGPA), number of credits earned and Cumulative Grade Points Average (CGPA), obtained by a student till that semester, shall be issued by the CoE at the end of each semester.
- iii) Students who have failed in the course, shall re-register for the supplementary examination which will cover complete syllabus and will have 100% weightage. All previous tests and marks of PART A and B will be null and void.
- f) All cases regarding unfair means in the examination shall be placed before Unfair means (UFM) committee. The UFM committee which shall be constituted as specified by Vice Chancellor on recommendation of CoE.
- g) Examinations Grievance Committee: In case of any written representation/complaint received regarding question paper etc along with specific recommendations of Head of Department, within seven days after completion of examination, the same shall be considered by the Examination Grievance Committee constituted by Vice Chancellor on the recommendation of CoE. The Vice Chancellor shall take appropriate decision based on the recommendations of the Examination Grievance Committee, before the declaration of result(s) of the said examination.

Note: Since the system is based on continuous evaluation of a student's performance in a course, as a student wanting to improve grade in a particular course shall have to re-register for the course. Two chances of re-registration for improvement are allowed in the duration of the program, with the permission of Vice Chancellor.

#### 7.4 GRADUATION REQUIREMENTS

##### a. Minimum Credits

- (i) Candidate shall have to earn the minimum credits of 150 and number of credits specified in the curriculum scheme of the program, to be eligible for the award of degree. These credits should be earned under the different categories i.e. core courses, elective courses, Summer Project/Internship, Audit Courses, Non Teaching Credit Courses, University mandatory courses as prescribed by the Department and University from time to time.
- (ii) *Audit Courses:* A student shall be allowed to audit only one elective course in the program. The audited course shall not be counted in the SGPA & CGPA calculations. There shall be no credit for Audit Course.
- (iii) At the time of assessing eligibility for award of degree, if a student fails to earn the requisite passing grade in a solitary course, then marks can be transported from his/her other courses of the final semester to the extent that he/she passes in that course.



- b. *Lower and upper limits for credits registered:* A student can register for a minimum of 15 credits and a maximum of 34 credits in a semester. The minimum credits registered should include hard courses which can be core or elective with first preference to core.
- c. *Credits earned at different universities/Institutes:* Provision shall be made for acknowledgement of credits earned by a student through course work/project work/internship at other institutions in India or abroad. This shall be facilitated with the approval of Vice Chancellor.

#### **7.5 DISTINCTIONS AND AWARDS:**

Under recommendations of the Academic council the University shall institute awards/medals/scholarships/fee waiver etc. to be given to students on the basis of academic performance in a semester and at the end of the program of study.

Nothing in this ordinance shall be deemed to debar the University from amending the ordinance and the amended ordinance, if any, shall apply to all students, prospectively, whether old or new.

