

NIRMA UNIVERSITY

Minutes of 41st meeting of Academic Council held on 20.04.2018 at 2.00 P.M. in the Board Room, Institute of Management, when following members were present:

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|--------------------------------------|------------------------------------|
| 1. Dr. Anup K Singh- <i>Chairman</i> | 18. Dr. Gaurang Raval |
| 2. Dr. Jaimin Vasa | 19. Dr. Hardik Bhatt |
| 3. Shri K Thyagrajan Iyer | 20. Dr. Mayur M Patel |
| 4. Prof. Manjunath Ghate | 21. Prof. Jigna Shah |
| 5. Prof. Purvi Pokhariyal | 22. Prof. Nina Muncherji |
| 6. Prof. M.Mallikarjun | 23. Prof. Nityesh Bhatt |
| 7. Prof Alka Mahajan | 24. Prof Dhaval Pujara |
| 8. Prof. P.N.Tekwani | 25. Prof. Rajesh Jain |
| 9. Prof. Deepak Danak | 26. Prof. P.K.Yadav |
| 10. Prof. Utpal Sharma | 27. Dr. Madhuri Parikh |
| 11. Prof Sarat Dalai | 28. Prof. Priti Mehta |
| 12. Prof. Jayesh Rupareliya | 29. Prof Udai Paliwal |
| 13. Prof. V.J.Lakhera | 30. Prof Sangita Shroff |
| 14. Prof. U.V.Dave | 31. Prof Shalini Rajkumar |
| 15. Prof. D.K.Kothari | - Shri. G.R.Nair - Secretary |
| 16. Prof. Priyanka Sharma | - Shri D.P.Chhaya - <i>Invitee</i> |
| 17. Prof. D M. Adhyaru | |

Shri Sharad Panchal could not attend the meeting.

Prof. N R Madhava Menon and Dr. Piyush Shah requested for leave of absence.

In the beginning of the meeting, the Director General and the Chairman of the Academic Council– Dr. A. K. Singh welcomed all the members. Thereafter, the agenda which was circulated was taken on hand and after having detailed deliberations on each item, the resolutions were passed as under:

- | Item No. | Particulars |
|----------|---|
| 1. | <p><u>RESOLUTION</u>
Resolved that, the minutes of previous meeting held on 27.09.2017, <u>be confirmed</u> as circulated on 10.10.2017.</p> <p>[Note: The Chairman signed the minutes as a token of confirmation]</p> |
| 2. | <p><u>RESOLUTION</u>
Resolved that, the note on action taken on the decisions of the previous meeting held on 27.09.2017, <u>be noted</u>.</p> |
| 3.(I) A. | <p><u>RESOLUTION</u>
Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 3(A) with regard to following <i>revision</i> in Syllabus and Teaching & Examination Scheme of M. Tech. in Electronics & Communication Engineering (Embedded System) of Semester-I/II, to be made effective for the students admitted in the academic year 2018-19 onwards, <u>be approved</u> as per Encl.-I circulated with agenda:</p> |

- a. *revision* in Syllabus of courses- (i) 3EC3101-Advanced Digital System Design of Semester-I and (ii) 3EC3115-Advanced Computer Network in Elective-I of semester-II
- b. *swapping* of following courses in semester-I and II:
 - i. '3EC31E5-Elective Course I' from Semester-I to II
 - ii. '3EC3202-Electronic System Design' from Semester-II to I
- c. *introduction* of following elective courses along with its Syllabus in the pool of electives in Semester-II:
 - i. Virtual Reality Engineering in Elective-I
 - ii. Internet of Things in Elective-II
 - iii. Machine Learning for Embedded System in Elective-III

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 3(B) with regard to following *revision* in Syllabus and Teaching & Examination Scheme of M. Tech. in **Electronics & Communication Engineering (VLSI Design)** of Semester-I/II, to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per Encl.-II circulated with agenda:

- a. revision in the Syllabus and Component Weightage of the course- 3EC1201-Applied Algorithms for VLSI CAD and revision in its nomenclature as VLSI Physical Design of Semester-I
- b. revision in Syllabus of the course- 3EC1109 Semiconductor Device Physics and Modelling of Semester-I
- c. removal of courses- (i) 3EC1103-DSP System & Architecture from Semester-I, and (ii) 3EC1217-Analog Design Lab from Semester- II
- d. revision in credit of course- 3EC1216-Analog and Mixed Signal VLSI Design in Semester-II due to *inclusion* of Lab component
- e. *shifting* of Elective course- 3EC1252-VLSI Signal Processing from 'Elective-II' of Semester-II to Semester-I as 'core course'
- f. revision in credit of following courses:
 - i. *increase* in credit of a course- 3EC1305 Major Project Part-I of Semester-III from existing 14 to 15
 - ii. *decrease* in credit of a course 3EC1403 Major Project Part-II of Semester-III from existing 16 to 15

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 3(C) with regard to *introduction* of Department Elective course- **Cryogenic Technology** along with its Syllabus for *all* branches of M.Tech in **Mechanical Engineering** and addition of this course in the *pool of electives* of Semester-I/II, to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per Encl.-III circulated with agenda.

D. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 6(B) with regard to *revision* in the Syllabus of a course- **3ME2108 Advanced Heat Transfer** of M.Tech in **Mechanical Engineering (Thermal Engineering)**, to be made effective for the students to be admitted in Semester-I from academic year 2018-19 onwards, be approved as per Encl.-IV circulated with agenda.

E. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 8(A) with regard to *introduction* of a course- **3CA1157-Web Technology** along with its Syllabus by *replacing of* ‘3CA1154–Internet and Web Technology’ and thereby *revision* in Teaching and Examination Scheme of Semester-I of **MCA**, to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per Encl.-V circulated with agenda.

F. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 8(B) with regard to *introduction* of Elective courses- (i) **3CA1577-Big Data Analytics** under Elective-IV and (ii) **3CA1566-Machine Learning & Applications** under Elective-III along with Syllabus in Semester-V of **MCA** and thereby revision in Teaching & Examination Scheme of Semester–V, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-VI circulated with agenda with a modification that, the Teaching & Examination Scheme is to be combined for both the courses.

G. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution Nos. 4 and 7 with regard to *shifting* of a course- **SS701 Organizational Behaviour** from Semester–VII to Semester–VI of B. Tech. in **Instrumentation & Control Engineering** and B. Tech. in **Chemical Engineering**, and thereby revision in Teaching & Examination Scheme of Semester-VI and VII, to be made effective for the students to be registered in Semester–VI from academic year 2018-19 onwards, be approved as per Encl.-VII circulated with agenda.

H. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 5 with regard to *introduction* of Department Elective course- **EE744–Electric Vehicles** along with its Syllabus in Semester–VII of B. Tech. in **Electrical Engineering** and thereby *revision* in Teaching & Examination Scheme by addition of the same in the list of electives, to be made effective for the students to be registered in Semester–VII in academic year 2018-19 onwards, be approved as per Encl.-VIII circulated with agenda.

I. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 6(C) with regard to *introduction* of two Institute Elective courses- (i) **Basics of Quality Management**, and (ii) **Introduction to Automobile Engineering** along with Syllabus for the students of B.Tech.

programmes *other than* Mechanical Engineering, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-IX circulated with agenda with a modification that, the two existing electives courses, i.e., (i) Total Quality Management (ii) Quality Management, be removed from the pool of electives.

J. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 6(D) with regard to *revision* in the Syllabus of a Department elective course- **ME642 Maintenance Engineering** in Semester-IV of B.Tech in **Mechanical Engineering**, to be made effective for the students to be registered in Semester-IV from academic year 2018-19 onwards, be approved as per Encl.-X circulated with agenda.

K. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 16.02.2018 under resolution No. 9 with regard to *introduction* of Minor Specialization in **Construction Technology and Management** along with Teaching & Examination Scheme and Syllabus, to be offered to the students of B.Tech in **Civil Engineering**, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XI circulated with agenda with following suggestions:

- i) The total number of credits for minor specialisation should be 15 only,
- ii) The topic “Managerial Accounting” be *removed* from the Syllabus of the course “Cost Accounting and Financial Management for construction Projects”,
- iii) The topic of project appraisal is to be *segregated* in different units in the course “Project formulation, Appraisal and Risk Management”.

It was further resolved that, the Director General be authorised to approve the revised document.

3.(II) A. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 30.03.2018 under resolution No. 1 with regard to *revision* in the curriculum by *introduction* of Teaching & Examination Scheme and Syllabus of Semester-I & II of *all* B. Tech. programmes, to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per Encl.-XII circulated with agenda with a modification that, the total of number of credit be corrected.

B. RESOLUTION

Resolved that the information furnished through Faculty of Technology in its meeting held on 30.03.2018 under resolution No. 2 with regard to introduction of Teaching & Examination Scheme of Semester-III to VIII of B. Tech. programmes, be noted as per Encl.-XIII circulated with agenda.

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 30.03.2018 under resolution No. 3 with regard to *introduction* of following courses along with Syllabus in place of existing courses and *revision* in Teaching & Examination Scheme of Semester-I of **M. Tech. in Computer Science & Engineering (Information and Network Security)**, to be made effective for the students to be admitted from academic year 2018–19 onwards, be approved as per

Encl.-XIV circulated with agenda:

- i) **3CS2105-Web Security and Vulnerability Assessment** in place of '3CS2103-Web Security'
- ii) **3CS1103-Data Structure and Algorithms** in place of '3CS2202-Ethical Hacking'

D. RESOLUTION

Resolved that the recommendation made by the Faculty of Technology in its meeting held on 30.03.2018 under resolution No. 4 with regard to *introduction* of minor specialization in **Robotics and Automation** along with its Teaching & Examination Scheme and Syllabus, to be offered to the students of *all* B.Tech. programmes, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XV circulated with agenda.

[**Note:** As far as the policy for offering the Minor Specialization for B. Tech. programmes is concerned, the policy published vide notification No. NU-30 dated 05.05.2015 be made applicable *mutatis-mutandis* here]

It was further suggested that the 'Practical' component should be included in the courses offered under the Pool of Elective courses and the same should be considered while revising the curriculum of B.Tech., M.Tech. and MCA programmes.

4. A. RESOLUTION

Resolved that the recommendation made by the Faculty of Pharmacy in its meeting held on 28.02.2018 under resolution Nos. 3(A), 5(I), 6(I), 7 and 8(I) with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester-III & IV of **B. Pharm.** in pursuance to new curriculum as prescribed by Pharmacy Council of India (PCI), to be made effective for the students to be registered in Semester-III & IV from academic year 2018-19 onwards, be approved as per Encl.-XVI circulated with agenda.

B. a. RESOLUTION

Resolved that the recommendation made by the Faculty of Pharmacy in its meeting held on 28.02.2018 under resolution No. 3(B) with regard to *introduction* of Academic Regulations of B. Pharm. programme in pursuance to the 'Bachelor of Pharmacy (B.Pharm.) Course Regulations, 2014' as prescribed by the Pharmacy Council of India (PCI) and notified vide notification No. 14-154/2010-PCI dated 10th December 2014 to be made effective for the students to be admitted in B. Pharm. programme from academic year 2018-19 onwards, be accepted with following modifications and the same be forwarded to the **Board of Governors** for its approval:

- (a) the Definitions of University Examination Courses and Non-University Examination Courses, be included under the 'Definitions',
- (b) the minimum percentage of attendance (i.e., 80%) as mentioned under sub-clause-12.2 of R.PHARM(UG)-12, be revised as **85%**

Further resolved that, for the students admitted before academic year 2018-19, the existing academic regulations will continue to be applicable.

b. RESOLUTION

Resolved that the recommendation made by the Faculty of Pharmacy in its

meeting held on 28.02.2018 under resolution No. 3(B) with regard to *introduction* of Programme /Course Structure of **B. Pharm.** programme in pursuance to the Bachelor of Pharmacy (B.Pharm.) Course Regulations, 2014 as prescribed the PCI and notified vide notification No. 14-154/2010-PCI dated 10th December 2017, to be made effective for the students to be admitted in B. Pharm. programme from academic year 2018-19 onwards, be approved as per Encl.-XVII circulated with agenda.

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Pharmacy in its meeting held on 28.02.2018 under resolution Nos. 4, 5(II), 6(II) and 8(II) with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester-III & IV of following M. Pharm programmes in pursuance to new curriculum as prescribed by Pharmacy Council of India (PCI), to be made effective for the students admitted in **M. Pharm.** programmes from academic year 2017-18 onwards, be approved as per Encl.-XVIII circulated with agenda with a modification that, the Component Weightage of examination of the course “Research Methodology and Biostatistics”, be corrected as “CE- -1” instead of ‘CE- - 0.6’ and ‘SEE – - 0.4’:

- i. Pharmaceutics
- ii. Pharmaceutical Analysis
- iii. Regulatory Affairs
- iv. Pharmaceutical Chemistry
- v. Pharmacology

5. A. RESOLUTION

Resolved that the recommendation made by the Faculty of Management in its meeting held on 20.02.2018 under resolution Nos. 3 and 4(D) with regard to *introduction* of following Elective courses along with its Syllabus, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XIX circulated with agenda and the revised document for the course “Economics of Innovation & Entrepreneurship” as placed on table at the time of the meeting, which is attached herewith as **Appendix-A**:

- (i) Behavioural Economics of MBA (Full Time)
- (ii) Economics of Innovation & Entrepreneurship of MBA (FBE)
- (iii) IT Infrastructure and Process Management of MBA (Full-Time)

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Management in its meeting held on 20.02.2018 under resolution No. 4(A) with regard to *introduction* of specialization- **Business Analytics** along with its Teaching & Examination Scheme and Syllabus for **MBA (Full Time)**, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XX circulated with agenda with modifications that, the teaching hours for all syllabus be corrected as ‘Teaching Session’ and the nomenclature of the course- “Data Science” be revised as **Data Mining and Data Science**.

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Management in its meeting held on 20.02.2018 under resolution No. 4(B) with regard to *revision* in the

Syllabus of following courses, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XXI circulated with agenda with a modification that, the word Teaching hours for all syllabus be corrected as 'Teaching Session':

- i) Management Information Systems (for MBA (Full Time))
- ii) Business Information Systems (for MBA (FB&E))
- iii) E-Commerce: Opportunity & Challenges (for MBA (Full-Time))
- iv) Cyber Security (for MBA (Full-Time))
- v) Client Server Application Management (for MBA (Full-Time), MBA (FB&E))
- vi) Business Intelligence (for MBA (Full-Time), and MBA (FB&E))
- vii) E-Business Management (for MBA (Full-Time) and, MBA (FB&E))
- viii) Software Project Management (for MBA (Full-Time) and, MBA (FB&E))
- ix) Security and Control of Information Systems (for MBA (Full-Time) and MBA (FB&E))
- x) Business Process Re-engineering (for MBA (Full-Time) and MBA (FB&E))
- xi) Telecommunication Management (for MBA (Full-Time) and, MBA (FB&E))
- xii) Information Technology Strategy for Business (for MBA (Full-Time) and, MBA (FB&E))

It was **further resolved that** the above revision be made applicable for **MBA(FT)** and **MBA(FB&E)** only, and so far as BBA-MBA (5-Year Integrated) programme is concerned, the same be referred back to the Faculty of Management for review the same in terms of teaching hours and content of syllabus.

D. RESOLUTION

Resolved that the recommendation made by the Faculty of Management in its meeting held on 20.02.2018 under resolution No. 5 with regard to *amendment* in **R.BM.-17 and R.CON.-1.2** with regard to *revision* in nomenclature of Master of Business Administration (Integrated Programme) to **Integrated Bachelor of Business Administration-Master of Business Administration**, be accepted as per Encl.-XXII circulated with agenda and be forwarded to the **Board of Governors** for its approval.

6.(I) RESOLUTION

- A. Resolved that** the recommendation made by the Faculty of Architecture & Planning in its meeting held on 27.02.2018 under resolution No. 2 with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester-IX & X of **B.Arch.**, to be made effective for the students to be registered from academic year 2018-19 onwards, be approved as per revised document circulated on table at the time of meeting attached herewith as **Appendix-B**, with a modification that Institute Electives be bifurcated in 'Group-A' and 'Group-B' for Theory and Workshop category.

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Architecture & Planning in its meeting held on 27.02.2018 under resolution No. 3 with regard to *amendment* in regulation- **R.BARCH.-9.6.2** with regard to addition of a new clause that, 'if a student fails in 'Studio' course, then he/she will not be permitted for initial registration (IR) in next higher semester', be accepted as per Encl.-XXIV circulated with agenda and be forwarded to the **Board of Governors** for its approval.

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Architecture & Planning in its meeting held on 27.02.2018 under resolution No. 7 with regard to *revision* in Syllabus of following courses of **B.Arch**, to be made effective for the students to be

registered in respective semester from academic year 2018-19 onwards, be approved as per revised document circulated on table at the time of meeting with a suggestion that, the CLOs be redrafted.

Further it was resolved that, the Director General be authorised to approve the revised document:

- i. History and Theory III of Semester–III
- ii. History and Theory IV of Semester–IV

D. RESOLUTION

Resolved that the recommendation made by the Faculty of Architecture & Planning through Resolution by Circulation dated 28.03.2018 with regard to *revision* in the Teaching and Examination Scheme of Semester–IV to VI of **B.Arch.**, to be made effective for the students admitted in **B. Arch.** from academic year 2016-17 onwards, be approved as per revised document circulated on table at the time of meeting and attached herewith as *Appendix-C*.

6.(II) A. RESOLUTION

Resolved that the recommendation made by the Faculty of Architecture & Planning in its meeting held on 27.02.2018 under resolution No. 5 with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester–V & VI of **B.Plan.**, to be made effective for the students to be registered in Semester-V & VI from academic year 2018-19 onwards, be approved as per Encl.-XXVII circulated with agenda.

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Architecture & Planning in its meeting held on 27.02.2018 under resolution No. 6 with regard to *revision* in Teaching & Examination Scheme of Semester-I to IV of **B.Plan.**, to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per Encl.-XXVIII circulated with agenda.

7. A. RESOLUTION

Resolved that the recommendation made by the Faculty of Science in its meeting held on 15.02.2018 under resolution No. 3 with regard to *revision* in the syllabus of following courses of various **M.Sc.** programmes, to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XXIX circulated with agenda:

- a) 3SBT3111-Basic Immunology of Semester–I of *all* M.Sc. programmes
- b) 3SBC302–Biochemical Toxicology of Semester–III of M.Sc. in **Biochemistry**
- c) 3SBC307–Endocrinology of Semester–III of M.Sc. in Biochemistry

[**Note:** For the students who are registered in Semester-III before A.Y.-2018-19 and have to study a course or appear in the examination as a repeater, the *status quo* be maintained]

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Science in its meeting held on 15.02.2018 under resolution No. 4 with regard to *revision* in Teaching & Examination Scheme of Semester-II & III of *all* M.Sc. programmes as under, to be made effective for the students to be registered in respective semester from academic year 2018-19 onwards, be referred back to the Faculty of Science with a suggestion

that, wherever the Lecture component is there in the syllabus and Teaching & Examination Scheme, the SEE should be conducted.

8. A. **RESOLUTION**

Resolved that the recommendation made by the Ad hoc Board of Studies in Commerce in its meeting held on 31.01.2018 under resolution No. 3 with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester-V of **B.Com. (Hons.)** to be made effective from academic year 2018-19 onwards, be approved as per Encl.-XXXI circulated with agenda with a modification that, the nomenclature of course- 'Indirect Tax Laws' be changed as "Indirect Taxation" and one topic on "Financial Relationship between Central and State Governments" be added in the Unit-1.

So far as Teaching and Examination Scheme and Syllabus of Semester-VI is concerned, the item has been *withdrawn* on the request of the Dean, Faculty of Commerce.

B. **RESOLUTION**

Resolved that the recommendation made by the Ad hoc Board of Studies in Commerce in its meeting held on 31.01.2018 under resolution No. 7 with regard to *shifting* of following courses and thereby revision in Teaching & Examination Scheme of Semester-II and IV of **B.Com. (Hons.)**, to be made effective for the students to be admitted in academic year 2018-19 onwards, be approved as per Encl.-XXXII circulated with agenda with the modification that the 'Institute Elective' course be read as "Compulsory" course and the total of Lecture and Credit be corrected as **20** and **25** respectively in the Teaching & Examination Scheme of Semester-II:

- (i) **Compulsory** course- 'International Business' from Semester-IV to Semester-II
- (ii) University Elective course from Semester-II to Semester-IV

9. A. **RESOLUTION**

Resolved that the recommendation made by the Ad hoc Board of Studies in Design in its meeting held on 09.04.2018 under resolution Nos. 1 and 6 with regard to *introduction* of Teaching & Examination Scheme and Syllabus of Semester-III of **B. Des.**, to be made effective for the students admitted in B. Des. Programme from academic year 2017-18 onwards, be approved as per revised enclosures placed on the table at the time of meeting with a suggestion that, the CLOs of all courses be redrafted and the Director General be authorised to approve the revised document.

Further, so far as Teaching & Examination Scheme and syllabus of Semester-IV is concerned the item has been *withdrawn* on the request of the HoD, Department of Design.

B. **RESOLUTION**

Resolved that the recommendation made by the Ad hoc Board of Studies in Design in its meeting held on 09.04.2018 under resolution No. 3 with regard to *revision* in Teaching & Examination Scheme of Semester-I of **B.Des.** by way of *removing* the course- "Essential Communications", "Essential Science" and "One Week-Urban Exposure – Self Study", to be made effective for the students to be admitted from academic year 2018-19 onwards, be approved as per revised document circulated on

the table at the time of meeting and attached herewith as *Appendix-D* with a modification that the course “Design Studio-I Design & Environment” be renamed as “Design and Environment”

Further it was suggested that the courses “Essential Communications” and “Essential Science” are required to be offered to the students. Hence, the Ad hoc Board of Studies in Design will explore the possibility of offering these courses in the next semesters.

C. RESOLUTION

Resolved that the recommendation made by the Ad hoc Board of Studies in Design in its meeting held on 09.04.2018 under resolution No. 4 with regard to following revisions in Teaching & Examination Scheme of Semester-II of **B. Des.**, to be made effective for the students to be registered in Semester-II from academic year 2018-19 onwards, be approved as per revised document circulated on the table at the time of meeting and attached herewith as *Appendix-E*.

- a) *revision* in the nomenclature of course- “One Week – Rural Studies w/Faculty + Documentation” to **Rural Exposure & Documentation (Part of RSP)**
- b) *shifting* of course- “Four Weeks–Summer Apprenticeship @ Home” from Semester-II to Semester-III along with *revision* in its nomenclature as **Summer Apprenticeship**
- c) *removal* of “One week-Urban Exposure”.

D. RESOLUTION

Resolved that the recommendation made by the Ad hoc Board of Studies in Design in its meeting held on 09.04.2018 under resolution No. 5 with regard to *revisions* in Teaching & Examination Scheme of Semester-II of **B. Des.** with regard to *inclusion* of Component Weightage of **1.00** under continuous evaluation (CE) for the course- ‘One Week–Urban Exposure–Self Study’ and *shifting* of course- “Four Weeks–Summer Apprenticeship @ Home” from Semester-II to Semester-III along with *revision* in its nomenclature as **Summer Apprenticeship** for the students admitted in academic year 2017-18, be approved as per revised document circulated on the table at the time of meeting and attached herewith as *Appendix-F*.

10. A. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 3(A) with regard to *revision* in the curriculum by *introduction* of Teaching & Examination Scheme and Syllabus of Semester-I of **B.A., LL.B. (Hons.)** and **B.Com., LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be admitted in Semester-I from academic year 2018-19 onwards, be approved as per Encl.-XXXVII circulated with agenda with a modification that, the nomenclature and syllabus of the course- ‘Communication Skills’ be revised appropriately.

Further, it was resolved that the Director General be authorised to approve the revised document on the recommendation of Faculty of Law.

Further, so far as Teaching & Examination scheme and syllabus of Semester–II is concerned the item has been *withdrawn* on the request of the Dean, Faculty of Law.

B. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 3(B) with regard to *introduction* of a course- **Introduction to Cyber World and Cyber Security** along with its Syllabus *in place of* the course- ‘Moot Court Training’ and thereby *revision* in Teaching & Examination Scheme of Semester-III of **B.A.,LL.B.(Hons.)** and **B.Com.,LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be registered in Semester-III from academic year 2018-19 onwards, be approved as per Encl.-XXXVIII circulated with agenda.

C. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 4(A) with regard to *revisions* in the Teaching & Examination Scheme and Syllabus of Semester-VII of **B.A.,LL.B. (Hons.)** and **B.Com., LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be registered in Semester-VII from academic year 2018-19 onwards as under, be approved as per Encl.-XXXVIX circulated with agenda:

- i. Introduction of a new course- **Law of Taxation** along with Syllabus in place of “Taxation Law-I”,
- ii. Introduction of a new course- **Labour and Industrial Laws-I** along with its Syllabus in place of “Law and Public Policy”,
- iii. Shifting of core courses- a) **Law and Public Policy**, and b) **Banking and Negotiable Instrument Act** to the *pool of Institute Elective courses* and introduction of Institute Electives.
- iv. Revision in the credit and replacement of courses, as under:
 - a. revision in credits of course- ‘Property Law’
 - b. replacement of course- ‘Law on Corporate Reconstruction-I’ by **Merger and Acquisition**
 - c. replacement of course- ‘Criminology’ by **Criminal Psychology**
 - d. replacement of course- ‘Copyright Law’ by **Copyright Law, Prospects and Protection**
 - e. replacement of course- ‘Right to Information’ by **Law on Education**
 - f. replacement of course- ‘Corporate Insolvency’ by **Financial Market Regulations**
 - g. replacement of course- ‘Penology, Victimology and Correctional Institutions’ by **Penology and Victimology**
 - h. replacement of course- ‘Trademark and Design Law’ by **Law of Trademark Design and Practice**
 - i. replacement of course- ‘Drafting Skills II (Criminal Pleadings)’ by **Drafting Skills III (Conveyancing)**

D. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 4(B) with regard to *revision* in Teaching & Examination Scheme and Syllabus of Semester-VIII of **B.A., LL.B. (Hons.)** and **B.Com., LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be registered in Semester-VIII from academic year 2018-19 onwards as under, be approved as per Encl.-XL circulated with agenda:

- i. introduction of a course- **Labour and Industrial Law II** along with its Syllabus *in place of* “Labour and Industrial Law”

- ii. introduction of course- **Institute Elective** in place of “Taxation Law II”
- iii. revision in the *pool of courses* under **Honours Courses-III** by way of introducing new courses along with Syllabus in place of existing courses, as under:
 - (a) **Honours Course III:**
 - i) **Comparative Constitution** in place of ‘Election Law’
 - ii) **Law on Corporate Finance** in place of ‘Law of Corporate Structuring-II’
 - iii) **I.T. Offence** in place of ‘Forensic Science’
 - iv) **Patent Right Creation and Recognition** in place of ‘Patent Drafting and Specification Drafting’
 - iv. introduction of **Honours Courses-IV** and **Honours Courses-V** along with Syllabus in place of ‘University Elective’ and ‘Modular Course’, as under:
 - (b) **Honours Course IV:**
 - i) Local Self Government including Panchayat Administration
 - ii) Investment Law
 - iii) Forensic Science
 - iv) Farmers and Breeders Rights
 - (c) **Honours Course V:**
 - i) Service Law
 - ii) Corporate Insolvency
 - iii) Offence against Child and Juvenile
 - iv) WTO and International Intellectual Property Rights
 - v. revision in nomenclature of existing “Institute Elective” to **Foreign Legal System Electives**

[Note: For the students who are registered in Semester–VIII before academic year 2018-19 and have to study a course or appear in the examination as a repeater, the status quo be maintained]

E. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 4(D) with regard to *revision* in Teaching & Examination Scheme and Syllabus of Semester-IX of **B.A.,LL.B. (Hons.)** and **B.Com., LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be registered in Semester-IX from academic year 2018-19 onwards as under, be approved as per Encl.-XLI circulated with agenda:

- (i) *shifting* of courses- **Human Rights and International Humanitarian Law, Conflict of Laws, Competition Law** and **Insurance Law** to the *pool of Institute Elective* courses,
- (ii) *replacing* existing course- ‘Professional Ethics’ by **Institute Electives**,
- (iii) *revision* of Credit of course- **Internship with NGO/Trial Court/High Court/Law Firm/Supreme Court**

F. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution No. 4(F) with regard to *revision* in Teaching & Examination Scheme and Syllabus of Semester-X of **B.A.,LL.B. (Hons.)** and **B.Com., LL.B.(Hons.)** [5-Year Integrated Programme], to be made effective for the students to be registered in Semester-X from academic year 2018-19 onwards as under, be approved as per Encl.-XLII circulated with agenda:

- i) revision in Credit of course- **Pre-Placement Offer (PPO) Internship Field Work** and *removal* of Seminar Elective courses,
- ii) replacement of ‘Institute Elective’ by **Professional Ethics**

[**Note:** For the students who are registered in Semester-X before A.Y.-2018-19 and have to study a course or appear in the examination as a repeater, the *status quo* be maintained]

G. RESOLUTION

Resolved that the recommendation made by the Faculty of Law in its meeting held on 07.04.2018 under resolution Nos. 4(C) and 11 with regard to *introduction* of pool of **Institute Electives** by way of including existing courses in the pool and introduction of new courses along with Syllabus, to be offered to the students to be registered in Semester-VII to IX from academic year 2018-19 onwards as under, be approved as per Encl.-XLIII circulated with agenda:

2IE1001	Banking and Negotiable Instrument Act	2IE1002	Land Law
2IE1003	Gender Justice and Feminist Jurisprudence	2IE1004	Private International Law
2IE1005	International Commercial Arbitration	2IE1006	White Collar Crime
2IE1007	Competition Law	2IE1008	Law and Public Policy
2IE1009	Corporate Governance	2IE1010	Insurance Law
2IE1011	Maritime Law	2IE1012	Agrarian Reforms and Law
2IE1013	Public Interest Lawyering	2IE1014	Human Rights and International Humanitarian
2IE1015	Theorizing India: Construction, Contestation and Critique	2IE1016	International Economic Law
2IE1017	International Taxation Law	2IE1018	Energy Law
2IE1019	Real Estate Law	2IE1020	Forest Law
2IE1021	Sports Law	2IE1022	Goods and Services Tax
2IE1023	Medical Law	2IE1024	Air and Space Law

11. A. RESOLUTION

Resolved that the recommendation made by the **Faculty of Doctoral Studies & Research** in its meeting held on 17.03.2018 under resolution Nos. 3, 14 and Resolution by Circulation dated 20.04.2018 with regard to *awarding* the Degree of Doctor of Philosophy (Ph.D.) to the following student of Faculties of Technology & Engineering, Pharmacy and Science on completion of all the academic requirements, which are evident from the records of the result of the course work, reports of the Board of Referees and the reports of viva-voce examinations, be accepted and be forwarded to the **Board of Governors** for its approval:

Sr.	Name of the Student	Faculty
i)	Vanzara Rakeshkumar Dilipkumar (09EXTPHDE28)	Tech. &Engg.
ii)	Gehani Aarti Kishor (11EXTPHDE51)	Tech. &Engg.
iii)	Manoj Kumar Gupta (13EXTPHDE99)	Tech. &Engg.
iv)	Pardiwala Julie Minoo (13FTPHDE06)	Tech. &Engg.
v)	Nagja V Tripathi (09EXTPHDP35)	Pharmacy
vi)	Patel Nrupesh Ramanbhai (09EXTPHDP36)	Pharmacy
vii)	Ketan Tulsidas Savjani (09EXTPHDP39)	Pharmacy
viii)	Patel Jagruti Jaydevbhai (10EXTPHDP49)	Pharmacy
ix)	Md. Yaseen Khan (10EXTPHDP50)	Pharmacy
x)	Sarvesh Sharma (10EXTPHDP51)	Pharmacy
xi)	Pithadia Anand Bharatkumar (10EXTPHDP53)	Pharmacy

xii) Pravin Balasaheb Ranjana Nalawade (11EXTPHDP70)	Pharmacy
xiii) Nisha Hemantbhai Parikh (11EXTPHDP73)	Pharmacy
xiv) Ingawale Deepa Krushna (12EXTPHDP79)	Pharmacy
xv) Shelat Devang Yogeshbhai (13FTPHDP13)	Pharmacy
xvi) Fulesh Kunwar (12FTPHDS20)	Science
xvii) Shah Manisha Tushar (11EXTPHDE66)	Tech. & Engg.
xviii) Shah Dhaval Gopalchandra (11EXTPHDE72)	Tech. & Engg.
xix) Sharma Sandip Prahladbhai (10EXTPHDE47)	Tech. & Engg.
xx) Shah Hardik Satishchandra (11EXTPHDE63)	Tech. & Engg.
xxi) Trivedi Dishang Dinkarra (11FTPHDE04)	Tech. & Engg.
xxii) Hardikkumar Bipinchandra Patel (11FTPHDS012)	Science

B. RESOLUTION

Resolved that the recommendation made by the **Faculty of Doctoral Studies & Research** in its meeting held on 17.03.2018 under resolution No. 4 with regard to *introduction* of Academic Regulations for **Post-Doctoral Fellowship Programme**, be accepted as per Encl.-XLIV circulated with agenda and be forwarded to the **Board of Governors** for its approval.

C. RESOLUTION

Resolved that the recommendation made by the **Faculty of Doctoral Studies & Research** in its meeting held on 17.03.2018 under resolution Nos. 5 to 8 with regard to *amendment* in academic regulations for **Ph.D. (Full-Time)** and **Ph.D. (Part-Time)** under *various* Faculties as under, be accepted as per Encl.-XLV circulated with agenda and be forwarded to the **Board of Governors** for its approval:

- (i) *amendment* in regulation Nos. **R.Ph.D.-3.4**, **R.Ph.D.-7.4** and **R.DPM.(Ext)-4.4** with regard to *submission of thesis in hard copy and soft copy with appropriate storage devise*
- (ii) *amendment* in regulation Nos. **R.Ph.D.-3.8** and **R.DPM.(Ext)-4.8** with regard to *appointment of external referee for viva-voce* by Dean, Faculty of Doctoral Studies & Research
- (iii) *amendment* in regulation No. **R.Ph.D.-6.4** with regard to *finalisation of the title of the Ph.D. thesis by the Research Progress Committee instead of Admission Committee*
- (iv) *amendment* in regulation No. **R.Ph.D.-4.4** with regard to provision of nomination of **one** expert by the Director General *instead of* two experts in the screening committee for granting supervisor ship.

12. RESOLUTION

Resolved that the *amendment* in the following academic regulations circulated with agenda as per Encl.-XLVI, be accepted and be forwarded to the **Board of Governors** for its approval:

- (i) **R.ENG.(UG)-18**, **R.ENG.(PG)-18**, **R.MCA.(PG)-18**, **R.SCIENCE(PG)-18**, **R.LAW(UG)-18**, **R.LAW(PG)-18**, **R.BDES-5.4** and addition of **R.BCOM-18** with regard to appointment of Examiners for UG and PG programmes,
- (ii) **R.35-Faculty** and **R.38(5)** with regard to revision in the nomenclature of ‘Faculty of Arts and Humanities’ *to* **Faculty of Humanities Arts & Social Science**

13. RESOLUTION

Resolved that the Memorandum of Understanding (MoU) for academic collaboration of various Institutes under Nirma University with foreign universities/institutes circulated with agenda as per Encl.-XLVII, be accepted and be forwarded to the **Board of Governors** for its approval.

It was further resolved that, a Committee for scrutiny and approving the MoU be constituted by the Director General and on the recommendations of the Committee, the Vice President/ Director General be authorized to approve the Memorandum of Understanding on behalf of the Board of Governors which will be reported in the subsequent meeting of Board of Governors.

14. RESOLUTION

Resolved to recommend to the Board of Governors that, the Degrees of Doctor of Philosophy (Ph.D.), Master of Business Administration, Integrated Bachelor of Business Administration-Master of Business Administration, Bachelor of Business Administration, Five Year Integrated programmes of B.A., LL.B (Hons.), B.Com., LL.B (Hons.), B.B.A., LL.B. (Hons.), Master of Laws, Master of Technology, Bachelor of Technology, Diploma and Master of Science programmes, be awarded to **604** candidates, who have successfully completed all the academic requirements prescribed for the same at the Twenty fifth Convocation of Nirma University scheduled to be held on 24.04.2018. (the list of candidates is attached as *Appendix-G*.)

15. RESOLUTION

Resolved that the information furnished through the Standing Committee for Equivalence of Examinations in its meeting held on 14.02.2018 with regard to decisions taken by the Director General on the recommendation of Dean, Faculty of Faculty of Management with regard to considering examination of other university/institution as equivalent to the corresponding examinations of Nirma University, be noted and approved as under:

Sr.	Name of the student	Qualifying exam	Place from where qualifying exam given	Equivalent to exam recognized by Nirma University	Admission sought in	Eligible for admission to the course of Nirma University
1.	Gujar Nagesh Mahaling	Bachelor of Prosthetics and Orthotics	Maharashtra University of Health Sciences, Nashik	Graduation	Executive Diploma Programme	Executive Diploma Programme

16. RESOLUTION

Resolved that, the information furnished about decision taken by the Director General u/s 19(3) of Nirma University Act in the matter of urgent nature requiring immediate action with regard to following, be approved as per Encl.-XL circulated with the agenda.

- i. revision in the nomenclature of B.Tech. in Computer Engineering and thereby amendment in regulations [notification No. NU-20 dated 08.03.2018]
- ii. revision in intake of B. Tech. in Computer Science and Engineering and no admission in B. Tech. in Information Technology [notification No. NU-21 dated 08.03.2018]

- iii. corrections in the component weightage and nomenclature of courses of UG Law programmes [notification No. NU-25 dated 21.03.2018]
- iv. revision in Teaching & Examination Scheme of Semester-I and II of B. Des. Programmes, effective only for the students admitted in academic year 2017-18 [notification No. Nirma University-27 dated 22.03.2018]
- v. the decision taken by the President with regard to revision in Passing Standard for the students of Semester-I of B.Des. programmes for academic year 2017-18 only, at par with the passing standards of B.Arch. programme

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