

MINUTES



16th Meeting of Academic Council **(Friday, August 10, 2018)**

SHARDA UNIVERSITY
GREATER NOIDA, U.P. (INDIA)

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| 16.14 | Considered a proposal received from School of Basic Sciences & Research for introducing seven new courses in the B.Tech. programme from the Academic Session 2018-19; | 12 |
| 16.15 | Considered a proposal received from School of Basic Sciences & Research for introducing a new program structure for M.Sc. (Physics) programme effective from the Academic Session 2018-19; | 12 |
| 16.16 | Considered a proposal received from School of Basic Sciences & Research introducing two new courses in M.Sc. (Physics) programme from the Academic Session 2018-19 and onwards; | 12 |
| 16.17 | Considered a proposal received from School of Basic Sciences & Research introducing four new courses in M.Sc. (Physics) programme from the Academic Session 2018-19 and onwards; | 12 |
| 16.18 | Considered a proposal received from School of Basic Sciences & Research introducing three new Open Elective courses for all Schools, from the Academic Session 2018-19 and onwards; | 13 |
| 16.19 | Considered a proposal received from School of Basic Sciences & Research for introducing a new program structure for B.Sc. (Hons.) Chemistry and B.Sc. (Hons.) Biochemistry programmes from the Academic Session 2018-19 and onwards; | 13 |
| 16.20 | Considered a proposal received from School of Basic Sciences & Research for introducing One new course for B.Sc. (Hons.) Chemistry programme from the Academic Session 2018-19 and onwards; | 13 |
| 16.21 | Considered a proposal received from School of Basic Sciences & Research for introducing four new courses for B.Sc.-B.Ed. programme from the Academic Session 2018-19 and onwards; | 13 |
| 16.22 | Considered a proposal received from School of Basic Sciences & Research introducing the Two new courses in the B.Tech. programme of School of Engineering & Technology, from the Academic Session 2018-19 and onwards; | 14 |
| 16.23 | Considered a proposal received from School of Basic Sciences & Research introducing One course of Life Science for B.Sc. (Hons.) Chemistry, from the Academic Session 2018-19 and onwards; | 14 |
| 16.24 | Considered a proposal received from School of Basic Sciences & Research introducing Three new Open Elective courses for other schools from the Academic Session 2018-19 and onwards; | 14 |
| 16.25 | Considered a proposal received from School of Basic Sciences & Research introducing One new course for life sciences from the Academic Session 2018-19 and onwards; | 15 |
| 16.26 | Considered a proposal received from School of Basic Sciences & Research for new program structure in M.Sc. (Chemistry) programme from the Academic Session 2018-19 and onwards; | 15 |
| 16.27 | Considered a proposal received from School of Basic Sciences & Research for changes in the existing B.Sc. (Hons.) Mathematics programme from the Academic Session 2016-17; | 15 |
| 16.28 | Considered a proposal received from School of Basic Sciences & Research for changes in the existing B.Sc. (Hons.) Mathematics programme from the Academic Session 2016-17; | 15 |
| 16.29 | Considered a proposal received from School of Basic Sciences & Research for changes in the existing B.Sc. (Hons.) Mathematics programme from the Academic Session 2017-18; | 16 |
| 16.30 | Considered a proposal received from School of Basic Sciences & Research for a new course structure of M.Sc. (Mathematics) programme from the Academic Session 2018-19; | 16 |
| 16.31 | Considered a proposal received from School of Basic Sciences & Research for five new courses in B.Sc. (Hons.) (Mathematics) programme from the Academic Session 2018-19; | 16 |
| 16.32 | Considered a proposal received from School of Basic Sciences & Research for revision and introduction of new courses in M.Sc. (Mathematics) programme from the Academic Session 2018-19; | 16 |
| 16.33 | Considered a proposal received from School of Basic Sciences & Research for introduction of five new courses in B.Tech. Programme from the Academic Session 2018-19; | 17 |
| 16.34 | Considered a proposal received from School of Basic Sciences & Research for One new Open Elective Course for other schools from the Academic Session 2018-19; | 17 |



The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27th July, 2018 for introduction of seven (07) new courses in B.Tech. programme;

- (i) PHY 118:Electricity and Magnetism (3 credits, for EC/EE branch)
- (ii) PHY 119:Mechanics (4 credits, for ME/CE branch)
- (iii) PHY 121:Thermodynamics (4 credits, for BT branch)
- (iv) PHY 122:Fluids (3 credits, for BT branch)
- (v) PHY 116:Physics (3 credits, for CS branch)
- (vi) PHY 117:Semiconductor Physics (4 credits, for CS/EC/EE branch)
- (vii) PHY 120:Engineering Physics (3 credits, for ME/CE branch)

The details are placed at Annexure-19.

Item No. 16.15: Considered a proposal received from School of Basic Sciences & Research for introducing a new program structure for **M.Sc. (Physics) programme** effective from the Academic Session 2018-19:

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27th July, 2018 for changes in the existing **M.Sc. (Physics) programme**;

- A new programme structure for **M.Sc. Physics** of 90 credits has been framed on the guidelines of the University Grants Commission as prescribed in the Choice Based Credit System (CBCS) pattern.

The details are placed at Annexure-20.

Item No. 16.16: Considered a proposal received from School of Basic Sciences & Research introducing two new courses in **M.Sc. (Physics) programme** from the Academic Session 2018-19 and onwards;

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27th July, 2018 for new courses in the **M.Sc. (Physics) programme** which would be applicable from the Academic Session 2018-19 and onwards;

M.Sc. (Physics) (specialization in Nanoscience and Technology):

- MPH 218 : Functional Materials (4 credits)
- MPH 219 : Nanocomposites (4 credits)

The details are placed at Annexure-21.

Item No. 16.17: Considered a proposal received from School of Basic Sciences & Research introducing four new courses in **M.Sc. (Physics) programme** from the Academic Session 2018-19 and onwards;

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27th July, 2018 for introduction of the following new courses in the **M.Sc. (Physics) programme** which would be applicable from the Academic Session 2018-19 and onwards;

- (i) MPH 119: Mathematical Physics (4 credits)
- (ii) MPH 120: Quantum Mechanics (4 credits)
- (iii) MPH 122: Advanced Quantum Mechanics (4 credits)
- (iv) MPH 217: Nuclear and Particle Physics (4 credits)