

# MINUTES



**16<sup>th</sup> Meeting of Academic Council**  
**(Friday, August 10, 2018)**

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

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 details are placed at Annexure-22.

**Item No. 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;*

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27<sup>th</sup> July, 2018 for introduction of the following three new Open Elective courses, which would be applicable for all Schools of the University, from the Academic Session 2018-19 and onwards;

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|----------------------------------|-------------|
| (i) Mechanics beyond Newton      | (2 credits) |
| (ii) Nano Science and Technology | (2 credits) |
| (iii) Astrophysics               | (2 credits) |

The details are placed at Annexure-23.

**Item No. 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;*

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27<sup>th</sup> July, 2018 for introduction of the following two new programme structures for B.Sc. (Hons.) Chemistry and B.Sc. (Hons.) Biochemistry programmes, which would be applicable from the Academic Session 2018-19 and onwards;

- a. B.Sc. (Hons.) Chemistry
- b. B.Sc. (Hons.) Biochemistry (Batch 2018-19 and onwards)

A new program structures for B.Sc. (Hons.) Chemistry and B.Sc. (Hons.) Biochemistry of 143 credits has been framed on the basis of the guidelines of the University Grants Commission as prescribed in the Choice Based Credit System (CBCS) pattern. The syllabus of B.Sc. (Hons.) Chemistry has also been reframed. The details are placed at Annexure-24a & b.

**Item No. 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;*

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27<sup>th</sup> July, 2018 for introduction of the following one new course in B.Sc. (Hons.) Chemistry programme, which would be applicable from the Academic Session 2018-19 and onwards;

BCH 313 : Advanced Topics in Chemistry (4 credits)

The details are placed at Annexure-25.

**Item No. 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;*

The Council approved the following recommendations received from the Faculty Board of the School of Basic Sciences & Research in its meeting held on 27<sup>th</sup> July, 2018 for introduction of the following four new courses (each of 4 credits for Theory and 2 credits for Labs based on