

**School of Applied Sciences  
Department of Mathematics**

**Minutes of Board of Studies Meeting -2020**

Date: 11.07.2020

Agenda; Revision of Curriculum -2020

Reference: Observation and Feedback received from Recruiter/Practitione/Alumni/Students /Parents

The Board of Studies meeting was conducted in online mode (due to the continuing Covid-19 Pandemic) on 11<sup>th</sup> July 2020. The meeting commenced at 2:30 pm and continued for about one and a half hours.

**Discussion and Resolution taken;**

- At the outset, Prof Supriya Pattanaik, Vice Chancellor welcomed the invited (external) experts from industry and academia and addressed all the participants. She outlined the broad outline of academic developments with respect to emerging research and skill integration areas and pointed out how the University has aligned its curricula keeping in view these developments. She also outlined how the University examination system is being reformed aligning it with the current trends and evolving methods of pedagogy and academic delivery. Steps being taken to execute all academic programs of the University in Covid-19 conditions were also pointed out by her.
- The detailed course outline and Syllabus of Department of Mathematics was presented by Prof. Mohammed Siddique, Associate Dean, SoAS.
- The external experts Prof M.K.Singh, Professor, Dept. of Mathematics and Computing , IIT(ISM) Dhanbad appreciated the general approach of the University dividing the curriculum into Core, Domain and Skill Courses and noted with satisfaction, the syllabi being upto date and with due stress on practice and skill.
- The experts also appreciated the advanced and focused nature of the MSc Core courses. He suggested to reduce the content of Heat and Mass Transfer (CUTM1525) paper as it was little heavy and rename the subject Differential Geometry and Tensor Calculus (CUTM1537) as Differential Geometry.
- Regarding Mathematics syllabus for B.Tech, the expert has suggested to introduce the Calculus paper and vector calculus portion of Linear algebra should be incorporated within that. The subjects Differential equations & Laplace Transform and Linear algebra and vector Calculus should be realigned as Differential equations& Linear Algebra and Laplace and Fourier Transformation.
- Emphasis on practice classes reflected in all syllabi was highly appreciated.
- All the recommendations of expert member has been incorporated in the syllabus.

- It was suggested that questions in the examinations should focus on creative and analytical thinking rather than asking for repetitive answers which encourage rote-learning. It was felt that the new Internal Evaluation system which includes projects and seminar presentations will go a long way to serve the purpose of creative and analytical application of concepts taught in classes.
- The Board of Study members recommended and approved the syllabus of Mathematics for both BSc , MSc and B,Tech Programs to be taught in upcoming semesters.
- The meeting was adjourned with Vote of Thanks by the Registrar Prof. Anita Patra. She thanked all the external members present in the meeting for sparing their valuable time from their busy schedule and make it successful.

List of External Resource/Alumni/Students/Parents/faculty

Sl. No.	Name	Organisation	Signature
1.	Prof. Supriya Pattanaik	Vice Chancellor, Centurion University of Technology and Management	
2.	Prof. Anita Patra	Registrar, Centurion University of Technology and Management	
3.	Prof. Mritunjay Kumar Singh Professor, Department of Mathematics and Computing & Dean (Students Welfare)	IIT(ISM) Dhanbad Dhanbad-826004, Jharkhand, India	
4.	Prof. Dipankar Bhattacharyay	Dean – SoAS, Centurion University of Technology and Management	
5.	Prof. Mohammed Siddique	Associate Dean- SoAS, Centurion University of Technology and Management	
6.	Dr Ashok Mishra	Professor & Head, Centre for Fluid Dynamics Centurion University of Technology and Management	
7.	Abhilas Tripathy,	Lecturer Alumni of M.Sc (Mathematics) Program	
8.	Harapriya Patri Systems Engineer Alumni of M.Sc (Mathematics) Program	Infosys ltd Alumni of M.Sc (Mathematics) Program	



9.	Priyanka Karan	Student of M.Sc (Mathematics) Program	
10	Snigdhamayee Naik	Student of M.Sc (Mathematics) Program	
11	Ayushi Sing	Alumni of B.Sc (Mathematics) Program	
12	Ashwini Kumar Mahanta	Alumni of B.Sc (Mathematics) Program	
13	Sonali Meher	Student of B.Sc (Mathematics) Program	
14	Smitapragyan Sahoo	Student of B.Sc (Mathematics) Program	
15	Chinmayee Hota	B.Tech Student	
16	Swarnava Bhattacharya	B.Tech Student	
17	Debasnan Singh	B.Tech Student(Alumni)	
18	Dr Tumbanath Samantara,	Associate Professor & HoD Dept.of Mathematics, Bhubaneswar Campus, CUTM ,Odisha	