



Central University of Himachal Pradesh

(ESTABLISHED UNDER CENTRAL UNIVERSITIES ACT 2009)

Dharamshala, Himachal Pradesh-176215



NAAC Criterion-I

Key Indicator – 1.4.2

Action Taken Report on the Feedback

1.4.2 Evidences



Srinivasa Ramanujan Department of Mathematics
Central University of Himachal Pradesh, Dharamshala,
Kangra



Central University of Himachal Pradesh

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Dharamshala, Himachal Pradesh-176215



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Srinivasa Ramanujan Department of Mathematics

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हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
Central University of Himachal Pradesh

(Established under Central Universities Act 2009)
TAB-Shahpur, Shahpur, Distt. Kangra (HP) - 176206
Website: www.cuhimachal.ac.in

File No. MTH/1-3/COHR/12/

Dated: 26.05.2016

Faculty meeting to take the action on the basis of Student/Alumni/Teacher/Parent Feedback

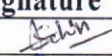

The all faculty member meeting of the Department of Mathematics was conducted on **26.05.2016**. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department, and the others if any. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, it was decided to conduct the orientation programme in the beginning of every semester to acquaint them with the overall course of action in the particular semester.
2. As per the suggestion of the Alumni/Teachers, it was decided to offer the following courses on differential equations in M.Sc. Mathematics in Monsoon Semester 2016:

Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
1.	Ordinary and Partial Differential Equations	IAM 402	04	Compulsory	Dr. R. Singh, Dr. R. Kumar, Dr. S.K. Srivastava
2.	Partial Differential Equations	MTH 402	04	Optional	Dr. R. Kumar

3. As per suggestion of the students, all teachers agreed to prepare the time table for tutorial and remedial classes also.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CUHHP/12

Dated: 23.01.2017

Faculty meeting to take the action on the basis of Student/Alumni/Teacher/Parent Feedback

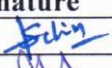

The all faculty member meeting of the Department of Mathematics was conducted on 23.01.2017. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department, the others if any. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, it was decided to conduct the orientation programme in the beginning of every semester to acquaint them with the overall course of action in the particular semester.
2. As per the suggestion of the Alumni and Teachers, it was decided to offer the following courses on Algebra, Mathematical Methods and Fluid Dynamics in M.Sc. Mathematics in **Spring Semester 2017**:

Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
1.	Algebraic Curves	MTH 615	04	Optional	Dr. R. Singh,
2.	Mathematical Methods	IAM 404	04	Optional	Dr. S.K. Srivastava
	Fluid Dynamics	IAM 405	04	Optional	Dr. R. Kumar

3. As per suggestion of the students, students were allowed to organize farewell party to the outgoing students.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CUHP/12

Dated: 27/06/2017

Faculty meeting to take the action on the basis of Student/Alumni/Teacher/Parent Feedback

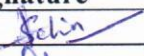

The all faculty member meeting of the Department of Mathematics was conducted on 27/06/2017. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, it was decided to take weekly class tests of the students, and organize quiz competitions on general mathematics.
2. As per the suggestion of the Alumni and Teachers, it was decided to offer the following course in M.Sc. Mathematics:

Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
1.	Field Theory and Galois Theory	MTH 520	04	Optional Course	Guest Faculty

3. As per suggestion of the students, all teachers agreed to include only the half of the syllabus in Mid-Term examinations.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CUHP/12

Dated: 20.12.2017

Faculty meeting to take the action on the basis of Student/Alumni/Teacher/Parent Feedback



The all faculty member meeting of the Department of Mathematics was conducted on 20.12.2017. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, it was decided to discuss the questions in the class which are asked in the Mid-Term Examinations.
2. As per the suggestion of the Alumni and Teachers, it was decided to offer the following course on Algebra in M.Sc. Mathematics in **Spring Semester 2018**:

Sr. No.	Name of the Course	Course Code	Credits	Name of the Teacher
1.	Number Theory	MTH 510	04	Guest Faculty
2.	Galois Theory	MTH 626	04	Dr. R. Singh

3. As per suggestion of the students, all teachers agreed to allow the students to organize the Farewell Party to the students.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CUHP/12

Dated: 29.06.2018

**Faculty meeting on Action Taken Report on the basis of
Alumni/Teacher/Parent Feedback**

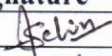

The all faculty member meeting of the Department of Mathematics was conducted on 29.06.2018. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, all teachers agreed to involve the PhD scholars of the Department in coaching of the students for NET/GATE examinations.
2. As per the suggestion of the Alumni and Teachers, it was decided to offer the following course in M.Sc. Mathematics:

Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
M.Sc. Mathematics Semester –III					
1.	Lebesgue Measure and Integration	MTH 405	04	Optional Course	Dr. S.K. Srivastava

3. As per suggestion of the students, it was decided to utilize the PPTs in the classrooms teachings along with the blackboard writing.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CUP/12

Dated: 13/12/2018

Faculty meeting to take action on the basis of Alumni/Teacher/Parent Feedback

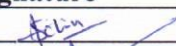

The all faculty member meeting of the Department of Mathematics was conducted on 13/12/2018. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, all teachers agreed to guide the students in the preparation of NET/GATE and other examinations.
2. As per the suggestion of the Alumni and Teachers, it was decided to offer the following Skill Development Course in Vedic Mathematics in **Spring Semester 2019**:

Sr. No.	Name of the Course	Course Code	Credits	Name of the Teacher
1.	Vedic Mathematics	IAM 412	02	Guest Faculty

3. As per suggestion of the students, it was decided to organize Workshops/Seminars on current trends in Mathematics, and update the students with the job areas on Mathematical Fields.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTM/1-3/CHM/12

Dated: 15.06.2019

Faculty meeting for Action Taken Report on the basis of Alumni/Teacher/Parent Feedback



The all faculty member meeting of the Department of Mathematics was conducted on 15.06.2019. The aim of the meeting was to discuss the Suggestions received from Student/Alumni/Teacher/Parent regarding curricular/co-curricular activities of the Department. The following actions were taken on the suggestions from Student/Alumni/Teacher/Parent:

1. As per the suggestions of the teachers, all teachers agreed to prepare the list of books on Indian Mathematics for recommendation to the Library.
2. As per the suggestion of the teachers, following Clubs/Societies in Mathematics were suggested, and were accepted with the following activities:

Sr. No.	Name of Club/Society	Type of Activities
1.	Aryabhatta Math Club	To conduct invited talks, celebrating National Days of Importance, organising cultural programmes, picnics and educational tours, and other Extra-curricular activities
2.	Himalayan Mathematical Society	To conduct Seminars, Conferences and Workshops by providing the suitable platform to the researchers, scientists as well as the students of the Department to acquaint them with the latest trends in Mathematics and related fields

3. As per the suggestion of the Alumni, it was decided to conduct a Workshop on Ancient Indian Mathematics and Vedic Mathematics. It was also decided to offer a skill development course on Vedic Mathematics to the students.
4. As per suggestion of the students, it was decided to conduct the extra classes of the students on Saturday and Sunday as well.

The followings were present in the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Assistant Professor	

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File No. MTH/1-3/CHP/12

Dated: 13/12/2019



**Faculty meeting on Action Taken Report on the basis of
 Alumni/Teacher/Parent Feedback**


The meeting of the Faculty Members of the Department of Mathematics was conducted on 13/12/2019. The meeting was aimed to discuss the introduction/ revision of courses for the **Spring Semester 2020**. In this meeting Suggestions received from Alumni/Teacher/Parent regarding curriculum updation were discussed, and it was decided to offer the following courses:

M.Sc. Mathematics Semester –I					
Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
1.	Introduction to Mathematical Statistics	MTH 527	02	Skill Development	Guest Faculty
M.Sc. Mathematics Semester –III					
2	Operational Research	MTH 502	04	Optional Course	Guest Faculty

As per the suggestion of the students/Alumni, it was also decide that extra tutorial classes is to be conducted with the help of Research scholars to provide a practice hand to the students. Dr Sachin Srivastava agreed to prepare the list of new books for recommendation to the Library.

The following Faculty Members attended the meeting:

Sr. No.	Name of the Faculty Member	Designation	Signature
1.	Dr Sachin Kumar Srivastava	Assistant Professor	
2.	Dr Rakesh Kumar	Professor	


 HoD
 Department of Mathematics
 विभागाध्यक्ष, गणित विभाग
 Head, Department of Mathematics
 हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
 Central University of Himachal Pradesh
 अस्थायी शैक्षणिक खण्ड/Temporary Academic Block
 शाहपुर, कांगड़ा (हि.प्र.)/Shahpur, Kangra (H.P.)-176206

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File No. MTH/1-3/LUHP/12

Dated: 31.07.2020

Action Taken Report on the basis of Student/Alumni/Teacher/Parent
Feedback

A meeting of the Faculty Members of the Srinivasa Ramanujan Department of Mathematics was conducted on 31.07.2020 to discuss the suggestions of Alumni/Teacher/Parent, to take actions on the suggestions and implement them Monsoon Semester 2020. The following decisions were in the meeting:

1. Following two courses is to be taught in Monsoon Semester 2020:

Sr. No.	Name of the Course	Course Code	Credits	Course Type	Name of the Teacher
M.Sc. Mathematics Semester -I					
1.	Vedic Mathematics	IAM 412	02	Skill Development	Dr. Pankaj Kumar
2.	Elementary Number Theory	IAM 415	02	Skill Development	Guest Faculty

2. As per the suggestions of Alumni and Teachers, it was decided to organize a Webinar on Srinivasa Ramanujan the famous Indian Mathematician.
3. As per the suggestions of students, it was decided to train the students for various competitive examinations especially CSIR NET, GATE Exams. All teachers agreed to take online classes of interested students for such classes.
4. The concerns of students regarding COVID 19 were also taken up, and it was decided create / update the Whatsaap group for the betterment of the teaching learning process.
5. It was decided to prepare the draft of the revised course structure of M.Sc. Mathematics as New Choice based Credit System.

The following Faculty Members attended the meeting:

Sr. No.	Name of the Faculty Member	Designation
1.	Dr. Pankaj Kumar	Assistant Professor
2.	Dr Sachin Kumar Srivastava	Assistant Professor
3.	Dr Rakesh Kumar	Professor


HoD

Srinivasa Ramanujan Department of Mathematics
विभागाध्यक्ष, श्रीनिवासा रामानुजन गणित विभाग
Head Srinivasa Ramanujan Department of Mathematics
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
Central University of Himachal Pradesh
अस्थायी शैक्षणिक खण्ड/Temporary Academic Block
शाहपुर, कांगड़ा (हिमाचल प्रदेश) - 176206

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File No. MTH/1-3/CUP/12

Dated: 11.02.2021

Action Taken Report on the basis of Student/Alumni/Teacher/Parent Feedback

A meeting of the Faculty Members of the Srinivasa Ramanujan Department of Mathematics was conducted on 11.02.2021 to discuss the suggestions of Alumni/Teacher/Parent, to take actions on the suggestions and implement them **Spring Semester 2021**. The following decisions were in the meeting:

1. As per the suggestions of the teachers, the following skill development course was decided to be offered in Spring Semester 2021 to enhance the mathematical thinking in the students:
Course Name: Introduction to rigorous and Precise Thinking, **Course Code:** MTH 528, **Credit:** 02
2. As per the suggestions of the students, all teachers agreed to provide the additional study material to the students in print and media format to clear their basic concepts.
3. As per the suggestions of Alumni, the invited talk/lecture was decided to be conducted at regular intervals to update the course contents in view of NEP 2020.
4. As per the suggestions of parents, the matter of infrastructure is decided to be discussed with the higher authority. In view of their concern on COVID 19, all teachers agreed to take care of the emotional trauma of the students through counselling with them.
5. As per the suggestion of the teachers, the following Club in Mathematics was suggested, and was accepted with the following activities:

Sr. No.	Name of Club/Society	Type of Activities
1.	Self-reliant India with Math Club	To search and spread the mathematical knowledge among community and researchers for making India Self-reliant

The following Faculty Members attended the meeting:

Sr. No.	Name of the Faculty Member	Designation
1.	Dr. Meenakshi	Assistant Professor
2.	Mr. Pankaj Kumar	Assistant Professor
3.	Dr. Pankaj Kumar	Assistant Professor
4.	Dr Sachin Kumar Srivastava	Assistant Professor
5.	Dr Rakesh Kumar	Professor


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Srinivasa Ramanujan Department of Mathematics
Head Srinivasa Ramanujan Department of Mathematics
हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
Central University of Himachal Pradesh
अस्थायी शैक्षणिक खण्ड / Temporary Academic Block
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File No. *MTH/1-10/Meeting/COMB/21*

Dated:08.08.2021

Action Taken Report on the basis of Student/Alumni/Teacher/Parent Feedback

A meeting of the Faculty Members of the Department of Mathematics was conducted on 08.08.2021 to discuss the suggestions of Alumni/Teacher/Parent, to take actions on suggestions and to implement them Monsoon Semester 2021. The following decisions were taken in the meeting:

1. As per the suggestions of Teachers, all teachers agreed to teach the following courses in "Certificate in Vedic Mathematics" in **Monsoon Semester 2021**:

Sr. No.	Name of the Course	Course Code	Credits	Name of the Teacher
1.	Ancient Indian Mathematicians: Introduction and Contributions	CVMS 201	04	Prof. Rakesh Kumar
2.	History of Mathematics-An International Perspective	CVMS 203	04	Dr. S.K. Srivastava
3.	Introduction to Ancient Mathematics	CVMS 204	04	Dr. Pankaj Kumar S/o Sh. Krishan Singh
4.	Computational Power of Vedic Sutras	CVMS 205	04	Dr. Pankaj Kumar S/o Lt. Sh. Maniram
5.	Ramanujan and his Notebooks	CVMS 283	02	Dr. Meenakshi

2. As per the suggestions of Alumni/Teachers, it was decided to celebrate the National Mathematics Day on 22nd December, 2021 by organizing quiz completion, mathematical rangoli, dumb sheras, etc.
3. As per the demand of the students, it was decided to continue online classes for various competitive examinations especially CSIR NET, GATE Exams. It was also decided to inform the students through the whatsapp group along with the information on the Notice Board.
4. As per the suggestions of the teachers, it was decided to prepare the draft of the course contents and courses as per NEP-2020 guidelines issued by the University from time to time.

following Faculty Members attended the meeting:

Sr. No.	Name of the Faculty Member	Designation
1.	Dr. Meenakshi	Assistant Professor
2.	Dr. Pankaj Kumar S/o Sh. Krishan Singh	Assistant Professor
3.	Dr. Pankaj Kumar S/o Lt. Sh. Maniram	Assistant Professor
4.	Dr. Sachin Kumar Srivastava	Assistant Professor
5.	Prof. Rakesh Kumar	Professor

[Signature]
Head,

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File No. MTH/1-10/Meeting/CUMH/21

Dated: 01.02.2022

Action Taken Report on the basis of Student/Alumni/Teacher/Parent Feedback

A meeting of the Faculty Members of the Department of Mathematics was conducted on 01.02.2022 to discuss suggestions of Alumni/Teacher/Parent, to take actions on suggestions and implement them **Spring Semester 2022**. The following decisions were in the meeting:


1. As per the suggestions of Teachers, all teachers agreed to offer following University wide courses in **Spring Semester 2022**:

Sr. No.	Name of the Course	Course Code	Credits	Name of the Teacher
1.	Probability Theory	MTH 413	02	Dr. Pankaj Kumar S/o Lt. Sh. Maniram
2.	Partial Differential Equation and Integral Equations	MTH 408	02	Dr. Pankaj Kumar S/o Sh. Krishan Singh

2. As per the suggestions of Alumni/Teachers, it was decided that the formation of different clubsto conduct outreach activities and awareness in Society will be initiated.
3. As per the demand of the students, it was decided to continue the online classes for various competitive examinations especially CSIR NET, GATE Exams in Spring Semester 2022 also.
4. As per the suggestions of the teachers, it was decided to prepare the draft of the course contents and coursesas per the NEP 2020 guidelines issued by University from time to time.

The following Faculty Members attended the meeting:

Sr. No.	Name of the Faculty Member	Designation
1.	Dr. Meenakshi	Assistant Professor
2.	Dr. Pankaj Kumar S/o Sh. Krishan Singh	Assistant Professor
3.	Dr. Pankaj Kumar S/o Lt. Sh. Maniram	Assistant Professor
4.	Dr. Sachin Kumar Srivastava	Assistant Professor
5.	Prof. Rakesh Kumar	Professor


Head,
Srinivasa Ramanujan Department of Mathematics