

DEPARTMENT OF MATHEMATICS

MINUTES

Date: 27/11/2021

The meeting of the staff council of Department Of Mathematics was held in the room no. 201 on 27-11-2021 at 3:30 p.m.

The following agenda regarding the Feedback analysis for the academic year 2020-21 were discussed.

1. Students Feedback on Curriculum
2. Faculty Feedback on Curriculum
3. Alumini Feedback on Curriculum

The following members were present,

1. Dr. D.C.Joshi
2. Dr. D.V. Shah
3. Dr. P.V.Tandel
4. Dr. K.B.Patel

After the discussion,


The following decision were taken and an action plan was prepared as follows


Looking to the Alumni Curriculum Feedback, it was decided to-


1. Improve the academic initiatives to bridge the gap between job sectors and academia
2. Strengthen the curriculum so as to increase the new skills which are not related directly with the curriculum

Looking to the Students' Feedback on the syllabus, it was decided to-

1. Make suitable revision in the content of the syllabus to meet the societal need
2. Make related improvements in the content of the syllabus so as to increase the possibilities of employability.

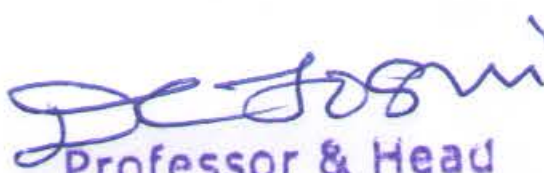

Dr. D.C.Joshi


Dr. D.V.Shah


Dr. P.V.Tandel


Dr. K.B.Patel

- Anexule: 1. Students Feedback on Curriculum - Analysis
2. Faculty Feedback on Curriculum - Analysis
3. Alumni Feedback on Curriculum – Analysis


Professor & Head
Department of Mathematics
Veer Narmad
South Gujarat University
SURAT - 395 007. (Gujarat)



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University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

Tel : +91 - 261 - 2227141 to 2227146, Toll Free : 1800 2333 011, Fax : +91 - 261 - 2227312

E-mail : info@vnsgu.ac.in, Website : www.vnsgu.ac.in

ANNEXURE-1

(Students feedback on curriculum- Analysis)

Department of Mathematics

Academic year 2020-2021

Semester- 1,2,3

A google form was created to collect the feedback. The average score

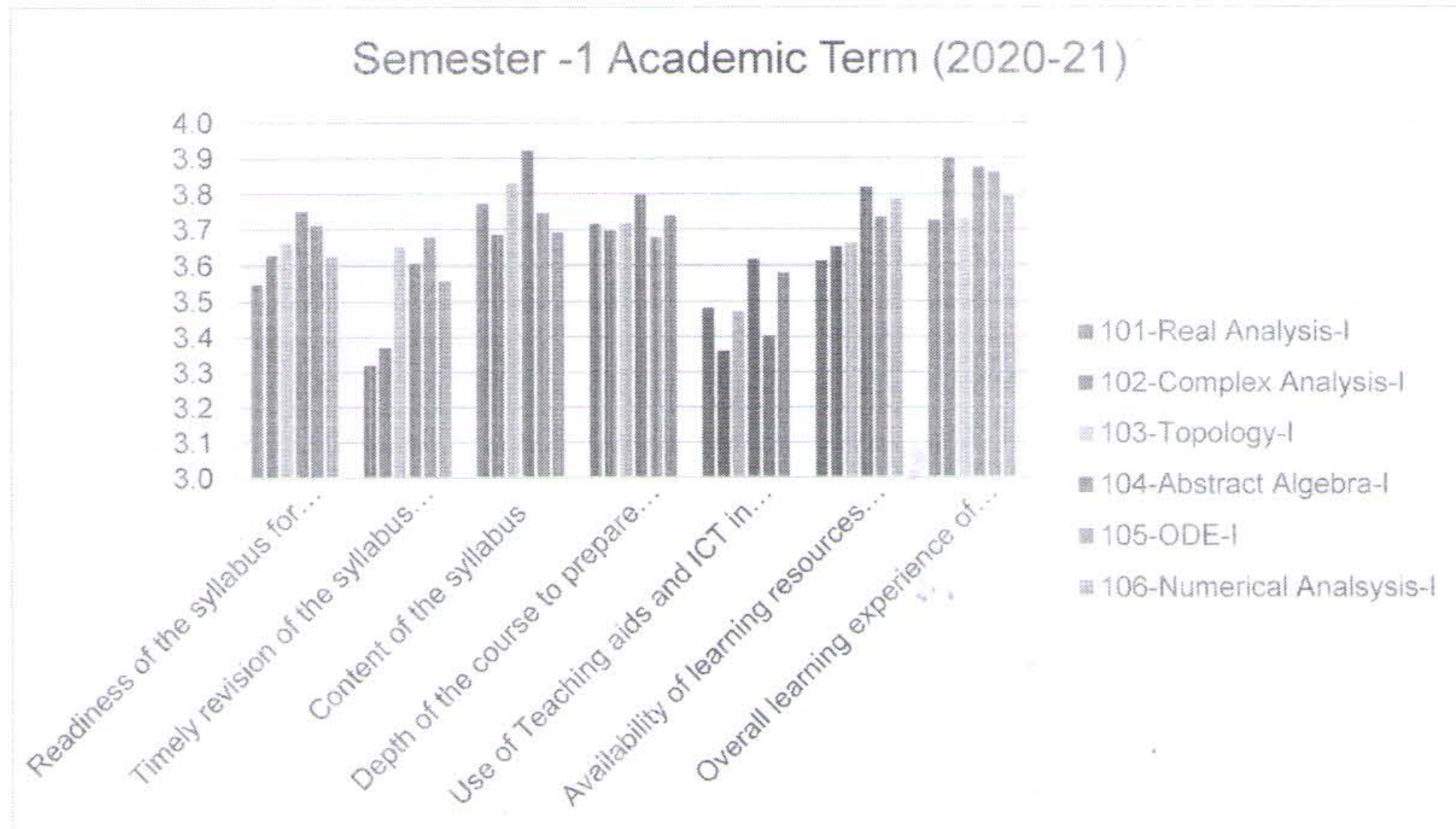
per terms is provided in graph and table as follows

Semester-I Academic Term: 2020-21

Data table:

Academic Term-2020-21		Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the course to prepare the student to meet the challenges in the course	Use of Teaching aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall learning experience of the course
Average score out of 5	101-Real Analysis-I	3.5	3.3	3.8	3.7	3.5	3.6	3.7
	102-Complex Analysis-I	3.5	3.3	3.8	3.7	3.5	3.6	3.7
	103-Topology-I	3.6	3.4	3.7	3.7	3.4	3.7	3.9
	104-Abstract Algebra-I	3.7	3.7	3.8	3.7	3.5	3.7	3.7
	105-ODE-I	3.8	3.6	3.9	3.8	3.6	3.8	3.9
	106-Numerical Analysis-I	3.7	3.7	3.7	3.7	3.4	3.7	3.9

Graphical analysis of data:

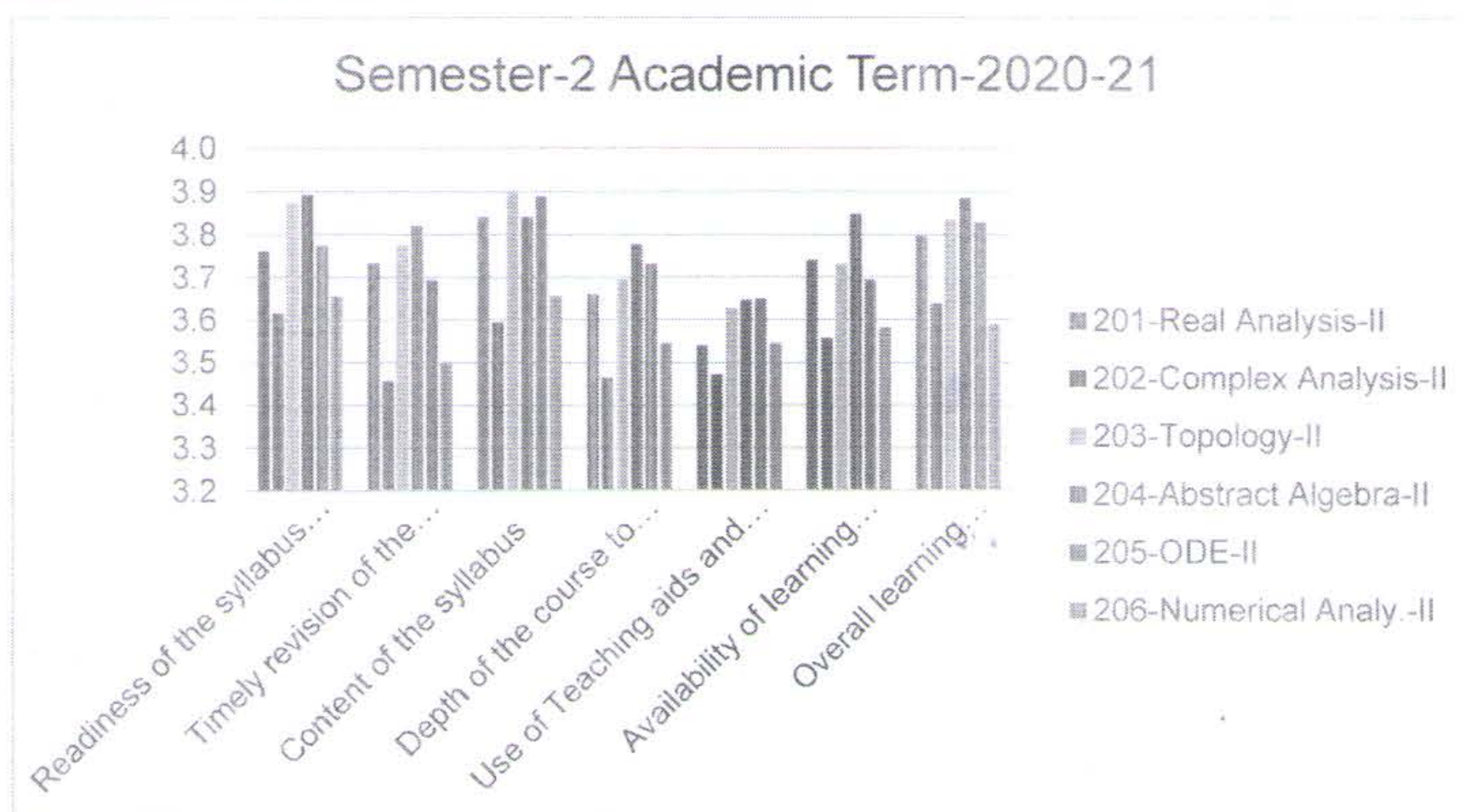


Semester-I Academic Term: 2020-21

Data table:

Academic Term- 2020-21		Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the course to prepare the student to meet the challenges in the course	Use of Teaching aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall learning experience of the course
Average score out of 5	201-Real Analysis-II	3.8	3.7	3.8	3.7	3.5	3.7	3.8
	202-Complex Analysis-II	3.6	3.5	3.6	3.5	3.5	3.6	3.6
	203-Topology-II	3.9	3.8	3.9	3.7	3.6	3.7	3.8
	204-Abstract Algebra-II	3.9	3.8	3.8	3.8	3.6	3.8	3.9
	205-ODE-II	3.8	3.7	3.9	3.7	3.6	3.7	3.8
	206-Numerical Analy.-II	3.7	3.5	3.7	3.5	3.5	3.6	3.6

Graphical analysis of data:

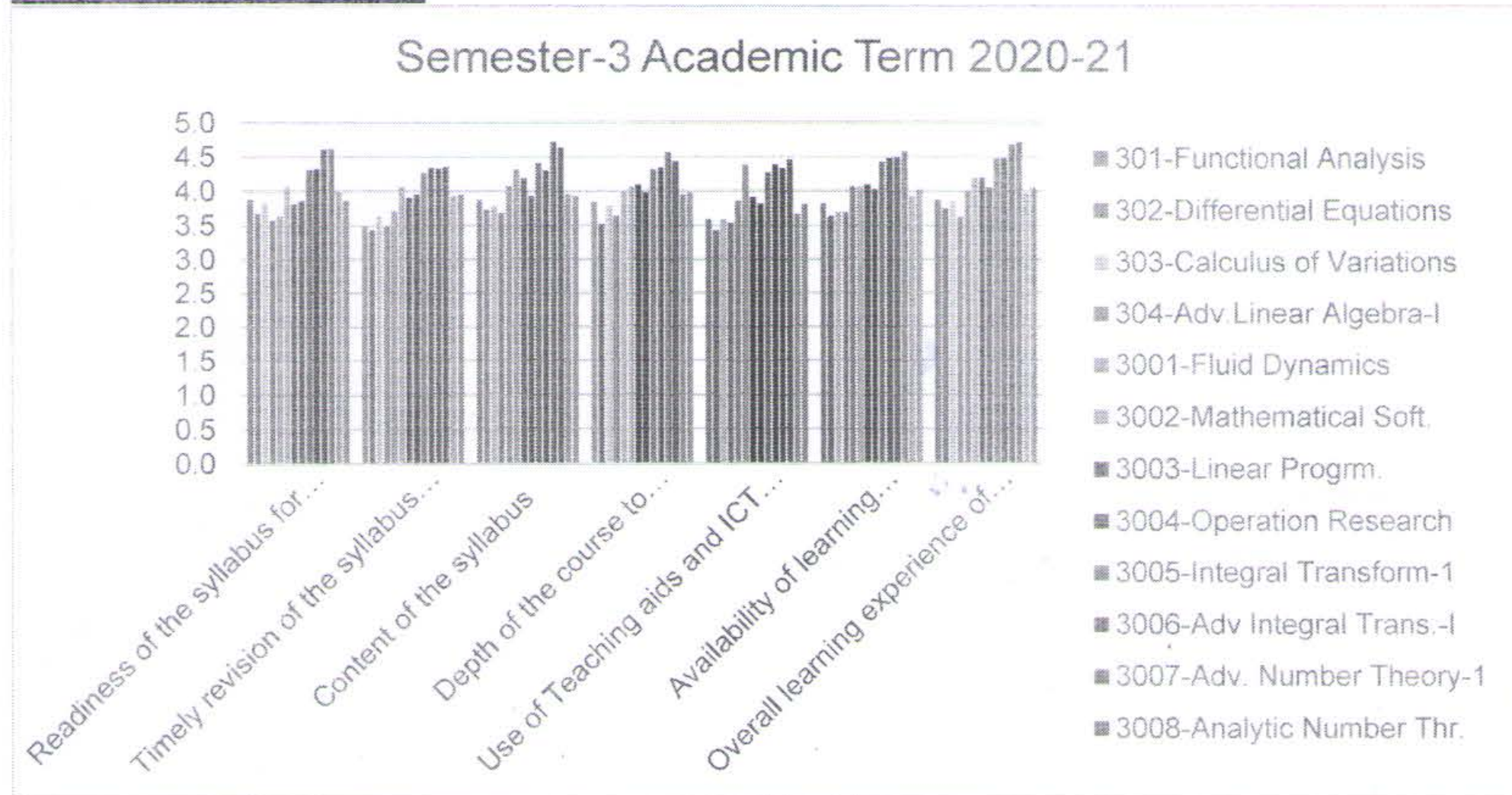



Semester-3 Academic Term: 2020-21

Data table:

Academic Term-2020-21		Readiness of the syllabus for employability	Timely revision of the syllabus to meet the societal need	Content of the syllabus	Depth of the course to prepare the student to meet the challenges in the course	Use of Teaching aids and ICT in the class to facilitate teaching	Availability of learning resources related to the syllabus	Overall learning experience of the course
Average score out of 5	301-Functional Analysis	3.9	3.5	3.9	3.8	3.6	3.8	3.9
	302-Differential Equations	3.7	3.4	3.7	3.5	3.4	3.6	3.7
	303-Calculus of Variations	3.8	3.6	3.8	3.8	3.6	3.7	3.8
	304-Adv.Linear Algebra-I	3.6	3.5	3.7	3.6	3.5	3.7	3.6
	3001-Fluid Dynamics	3.6	3.7	4.1	4.0	3.9	4.1	4.0
	3002-Mathematical Soft.	4.1	4.1	4.3	4.1	4.4	4.1	4.2
	3003-Linear Programming	3.8	3.9	4.2	4.1	3.9	4.1	4.2
	3004-Operation Research	3.9	4.0	3.9	4.0	3.8	4.0	4.0
	3005-Integral Transform-1	4.3	4.3	4.4	4.3	4.3	4.4	4.5
	3006-Adv Integral Trans.-I	4.3	4.3	4.3	4.3	4.4	4.5	4.5
	3007-Adv. Number Theory-1	4.6	4.3	4.7	4.6	4.3	4.5	4.7
	3008-Analytic Number Theory.	4.6	4.4	4.6	4.4	4.5	4.6	4.7
	3009-Special Functions-I	4.0	3.9	4.0	4.0	3.7	3.9	4.0
	3010-Adv. Special Fun.-I	3.9	4.0	3.9	4.0	3.8	4.0	4.0

Graphical analysis of data:




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 Veer Narmad
 South Gujarat University
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ANNEXURE-2

(Faculty feedback on curriculum- Analysis)

Department of Mathematics

Academic year 2020-2021

Feedback received from teacher

Teachers' Curriculum Feedback

Semester-1

Course Name	The syllabus is suitable to achieve the outcome of course.	Syllabus of the course is contemporary and need-based.	The course content adds the value of the students.	The aims and objectives of the syllabi are well defined and clear to teachers and students.	Course content is followed by reference books.	The books prescribed / listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in- depth knowledge to impart to the students.	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus.
Complex Analysis -I	4	4	4	3	4	4	5	3	5
Numerical Analysis - I	5	5	5	5	5	4	4	5	2
Real Analysis-I	5	4	4	5	5	4	4	4	4
Topology - I	5	5	4	4	5	4	5	5	4
Ordinary Differential Equations - I	5	5	5	4	4	5	5	4	5
Abstract Algebra - I	4	4	4	4	5	5	4	5	3

Teachers' Curriculum Feedback

Semester-2

Course Name	The syllabus is suitable to achieve the outcome of course.	Syllabus of the course is contemporary and need-based.	The course content adds the value of the students.	The aims and objectives of the syllabi are well defined and clear to teachers and students.	Course content is followed by reference books.	The books prescribed / listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in- depth knowledge to impart to the students.	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus.
Complex Analysis -I	5	5	5	5	4	4	5	5	4 .
Numerical Analysis - I	5	5	5	5	5	4	4	4	3
Real Analysis-I	4	4	4	4	5	5	5	4	5
Topology - I	5	5	5	5	5	4	5	4	5
Ordinary Differential Equations - I	5	4	4	5	5	4	4	5	5
Abstract Algebra - I	4	4	4	4	5	5	3	5	3

Teachers' Curriculum Feedback


Semester-3

Course Name	The syllabus is suitable to achieve the outcome of course.	Syllabus of the course is contemporary and need- based.	The course content adds the value of the students.	The aims and objectives of the syllabi are well defined and clear to teachers and students.	Course content is followed by reference books.	The books prescribed / listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in- depth knowledge to impart to the students.	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus.	The course has a right balance between theory and lab.
Calculus of Variations	5	5	4	5	4	4	5	5	4	
Operations Research	5	5	4	5	5	5	4	4	5	5
Functional Analysis	5	5	4	4	5	5	4	5	5	
Differential Equations	5	5	5	5	4	5	5	5	5	
Linear Programming	4	4	5	5	5	4	5	4	5	5
Special Functions - I	5	4	4	5	5	5	4	4	4	
Advanced Special Functions - I	5	4	4	5	5	5	4	4	4	
Integral Transform - I	5	5	5	4	5	4	5	5	4	
Advanced Integral Transform - I	5	5	5	4	5	5	5	5	4	
Analytic Number Theory	4	5	5	5	5	4	5	5	5	
Advance Number Theory - I	5	4	5	5	5	5	5	4	5	
Linear Algebra -I	5	5	5	5	5	5	5	5	5	
Fluid Dynamics	5	5	5	4	4	4	5	5	5	5
Mathematical Software	5	5	5	5	4	4	5	5	5	5

Teachers' Curriculum Feedback

Semester-4

Course Name	The syllabus is suitable to achieve the outcome of course.	Syllabus of the course is contemporary and need- based.	The course content adds the value of the students.	The aims and objectives of the syllabi are well defined and clear to teachers and students.	Course content is followed by reference books.	The books prescribed / listed as reference materials are relevant, updated, and appropriate.	The course of my subject enriches my perception of the subject area.	The course content covers in- depth knowledge to impart to the students.	Total contact is sufficient to complete within stipulated time assign to cover the entire syllabus.	The course has a right balance between theory and lab.
Integral Equations	5	5	4	5	5	5	5	4	4	
Differential Geometry	5	4	4	5	5	5	5	5	5	
Advance Operation Research	5	5	5	5	5	5	5	5	5	4
Non - Linear Programming	4	4	5	5	5	4	5	4	5	5
Special Functions - II	5	4	4	5	5	5	5	4	4	
Advanced Special Functions - II	5	4	4	5	5	5	4	4	4	
Functional Analysis- II	5	5	5	4	5	4	5	5	4	
Integral Transform - II	5	5	5	4	5	5	5	5	4	
Advanced Integral Transform - II	5	5	5	4	5	5	5	5	4	
Advance Number Theory - II	5	4	5	5	5	5	5	4	5	
Introduction to Partition Theory and Cryptography	5	5	5	5	5	4	5	5	5	
Mathematical Modelling	5	5	5	5	4	5	5	5	5	
Linear Algebra - II	5	5	5	5	5	5	5	5	5	
C.F. D	5	5	5	5	4	4	5	5	5	5


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ANNEXURE-3

(Alumni feedback on curriculum- Analysis)

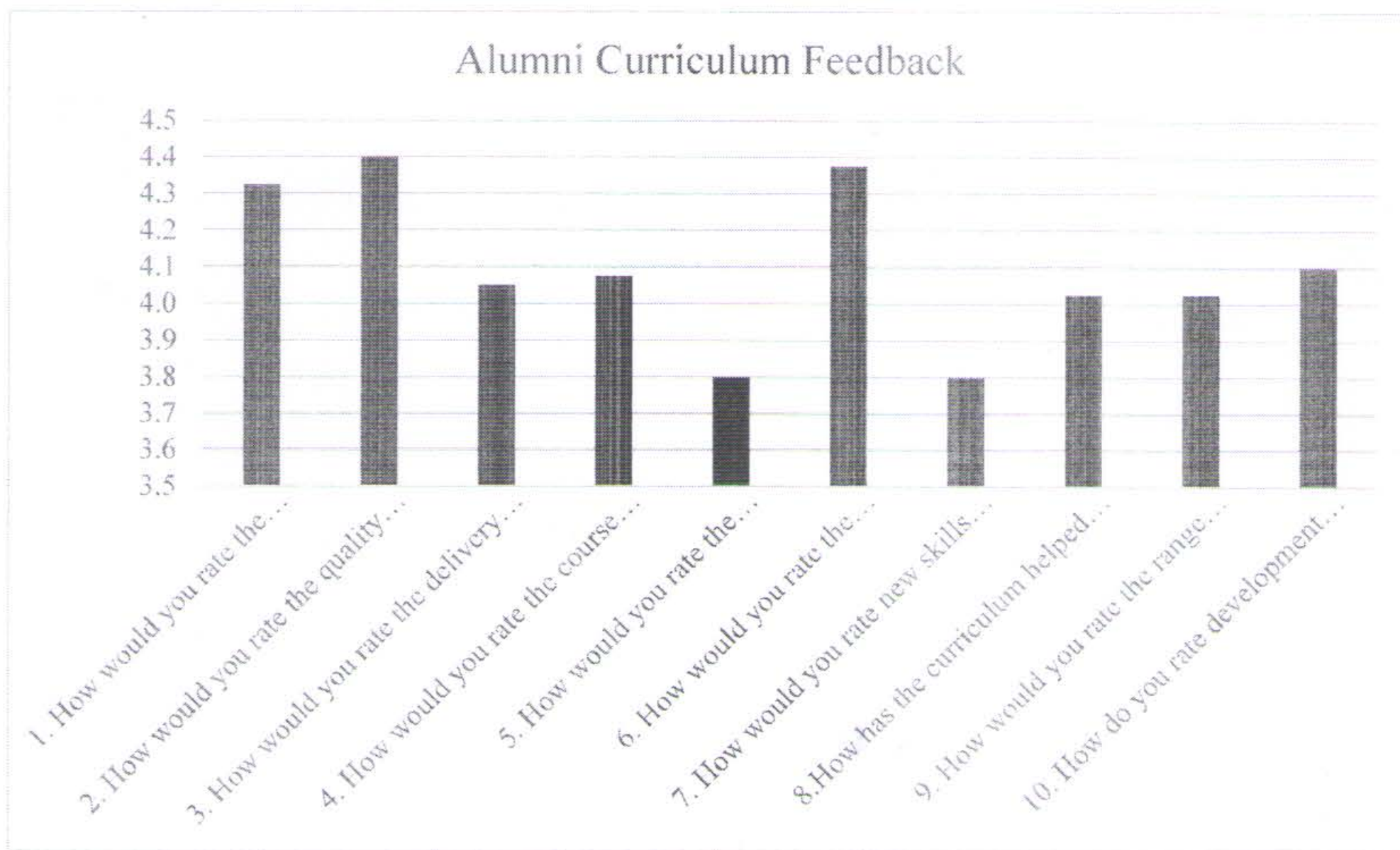
Department of Mathematics


Academic year 2020-2021

Feedback received from Alumni

Alumni Curriculum Feedback

Alumni Feedback	1. How would you rate the curriculum prescribed for your degree during your study in the Department?	2. How would you rate the quality of education imparted in the department?	3. How would you rate the delivery of the content of the course?	4. How would you rate the course curriculum for fulfilling your expectations?	5. How would you rate the academic initiatives taken by the department to bridge the gap between job sectors & academia?	6. How would you rate the relevance of your degree to your present job?	7. How would you rate new skills learnt in the course of your study outside the curriculum?	8. How has the curriculum helped you to manage your interpersonal relations?	9. How would you rate the range of the courses included in the curriculum?	10. How do you rate development activities organized by the university department for your overall development?
Average out of 5	4.3	4.4	4.1	4.1	3.8	4.4	3.8	4.0	4.0	4.1




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