

MINUTES OF THE SEVENTH MEETING OF
ACADEMIC COUNCIL HELD ON 11th SEPTEMBER, 2021 IN ONLINE MODE

With the divine blessings of **H.D.H. Param Pujya Hariprasad Swamiji**, an **ONLINE** meeting of members of Academic Council was held on **11th September, 2021** at **11:30 am** using **Google Meet Platform link** <https://meet.google.com/wmo-ahfu-aiz>. All the members of Academic Council attended the meeting:

1. Welcome and introductory remarks

Dr. K. D. Ladva, Chairman of Academic Council, welcomed the august body. Dr. Ladva expressed the gratitude for giving their valuable time and presence of all the Governing Body Nominated members, Saurashtra University Nominated members of the August Body and all the stakeholders as well as the contributors Heads of the Department.

Dr. Ladva informed the august body the followings:

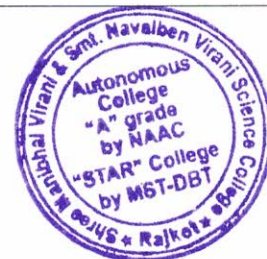
The Executive Committee of the Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat has rated the college as a **5 Star Institution** with a **CGPA of 4.30** out of 5 on the basis of comprehensive performance metrics as set out in the Gujarat State Institutional Ranting Framework (GSIRF) on 22/06/2021 (KCG, DE, Government of Gujarat certificate dated 22/06/2021).

The college received its **1st rank in the entire Saurashtra region** and **4th rank in the Gujarat state consecutively for second year.**

The college is placed in the Rank-band of **151-200** in **NIRF India Rankings 2021** (virtual release of India Rankings 2021 on 9th September 2021).

On the behalf of members, the chairperson has expressed gratitude to the following members for rendering their kind and able services as member of Academic Council/ Board of Studies up to 2020-21.

સયુક્ત શિક્ષણ નિયામક (કોલેજ) કચેરી, ગાંધી-નગર આદેશ ક્રમાંક: ૬૧૨/૨૦૨૦/IHC2/૧૪૩-૫૦		
તા ૧૬/૦૧/૨૦૨૧		
Name	Department	Transferred to



Mr. B. G. Panelia	Physics	Shri Kamani Science & Shri Prataprai Arts College, Amreli
Dr. P. C. Shah		R. A. Patel Science College, Bhadran

and also to the member from the college Department of English **Dr. S. D. Oza**,
Dr. K. D. Ladva informed the august body regarding the following teachers transferred
from other college has joined the college on the vacant teaching post.

નાયબ નિયામકશ્રી (કોલેજ), ઉ.શિ. કમિશનરની કચેરી, ગાંધીનગર આદેશ ક્રમાંક: કવટ/૨૦૨૧/IHC2/એડહોક/૧૭૩૬-૨૦૮૮ તા. ૧૯/૦૩/૨૦૨૧ (પરિશિષ્ટ-અ સહિત)		
Name	Department	Transferred from
Dr. D. N. Joshi	Chemistry	R. R. Mehta College of Science, Palanpur
Dr. K. M. Rajkotiya		Maharaja Shri Mahendrasinhji Science College, Morbi
Mr. V. N. Vaghasiya	Mathematics	Shri Kamani Sci. & Shri Prataprai Arts College, Amreli
Dr. N. C. Ravat	English	Shri K. O. Shah Municipal Arts & Commerce College, Dhoraji

The Commissionerate of Higher Education, Government of Gujarat has issued revised NOC to fill the vacant teaching post vide letter no. KVT/ISC8/Appo./2021/231/181 dated 12/06/2021.

Dr. Sheela Ramachandran madam congratulated the college for securing 151-200 band in NIRF but she emphasized that now college should target within 100 band in NIRF. She raised a point that now college must see that all the vacant post i.e., teaching as well as non-teaching, get filled before NIRF-2022.

Dr. Ladva assured that we would be writing letter to the Commissionerate of Higher Education, Government of Gujarat for fill 11 vacant positions.

The HEIs under the ambit of Sarvodaya Kelavani Samaj trust have organized Corona Vaccination Mega Camp on campus in March-2021 and thereafter many vaccination Micro Camps till date have resulted in **98+ % vaccination** of all staff and students of the college.

In addition to 24x7 medical advice & assistance, diagnostic support, AVYUSH

supplements and Tiffin service, the trust has also raised isolation ward facilities on & off campus for mild to moderately C-19 infected patients. Many stakeholders of the campus have been benefited by the selfless service rendered by staff & students volunteers.

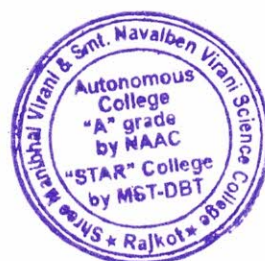
On behalf of the college I humbly express profound gratitude to P. P. Tyagvallabh Swamiji, Secretary, Sarvoday Kelavani Samaj trust & President, Atmiya University for providing free services during pandemic.

- The amendment in Gujarat Private Universities Act, 2009 was published in Government of Gujarat Gazette on **22nd May 2021**
- As per the amendment, sub-section 5 of section 3 of the GPU Act stands amended with the deletion of the words “except the grant-in-aid colleges and institutions” there from.
- The Sarvoday Kelavani Samaj- the managing trust of the college; had sent a letter on 10th August 2021 to Saurashtra University regarding de-affiliation of the college from Saurashtra University, Rajkot w.e.f. 1st June 2021 based on the aforesaid amendment.
- Based on Ordinances promulgated and Regulations made by the Governor published in the Gujarat Government Gazette dated **25th August 2021** as Gujarat Ordinance No. 4 of 2021 – Amendment in the Gujarat Private University Act, 2009; **Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot remains affiliated to Saurashtra University, Rajkot** Hence, delay in all Academic & Administrative activities of the college.
- As an affiliated college to Saurashtra University; college have to undergo reaccreditation procedure for cycle-3 as per the prevailing guideline of NAAC.

The above was seconded by Dr. Sheela Ramachandran.

AGENDA

2. **Overview** of academic and administrative activities
3. **LOCF / OBE curriculum in light of NEP-2020**
4. **Conceptual framework for UG programs under CBCS**
5. **Admission-2021-22 and academic event calendar-2021-22**
6. **Deliberations made in various BoS including Interdisciplinary-BoS**
 - 6.1 Common aspects
 - 6.2 Aspects related to Individual BoS



6.3 Aspects related to assessment and evaluation

7. **Any other agenda with permission of the chair**

The Chairperson, **Dr. K.D. Ladva** then took up the agenda point by point.

2. **Overview of academic and administrative activities.**

2.1 **Confirmation of minutes of 6th meeting of academic council held on 30/12/2020.**

Dr. K. D. Ladva informed that the sixth meeting of Academic Council was held on 30/12/2020 and since no comments were received from any member, hence the Minutes are **approved**.

The above was seconded by Dr. Sonal J. Shah.

2.2 **Teaching, Learning & Evaluation methodologies/strategies adopted for AY 2020- 21 & 2021-22**

A.Y. 2020-21:

The TL& E activities for A.Y. 2020-21 (odd & even semesters) including conduction of online/offline examination as per the Academic calendar for AY 2020-21 of the college based on Common Academic Calendar of Education Department, Govt. of Gujarat resolution no. Parach/2018/61/Kh-1 dated 12/10/2020 and affiliating Saurashtra University Circular no. Exam/02/652/2020 dated 02/12/2020 was approved in the previous AC meeting dated 30/12/2020.

Accordingly TL & E activities for odd semesters of UG & PG programs were conducted with following details:

A.Y. 2020-21 - ODD Semesters



Program	Semester	Date of Commencement T & L Activity	T&L Mode	Month of SEE Completion	Exam Mode
All UG Programs	5	13-Jul-2020	Online/ Offline	Jan - 2021	Offline/Online
	3	13-Jul-2020		Jan - 2021	Offline/Online
	1	18-Aug-2020		Jan - 2021	Offline/Online
All PG Programs	3	13-Jul-2020		Feb - 2021	Offline/Online

A.Y. 2020-21- EVEN Semesters

The TL & E activities for even semesters of UG & PG programs were conducted with following details:

Program	Semester	Date of Commencement T & L Activity	T&L Mode	Month of SEE Completion	Exam Mode
All UG Programs	6	21-Dec-2020	Online/ Offline	May - 2021	Online
	4	21-Dec-2020		May - 2021	Online/* MBP
	2	08-Feb-2021		June - 2021	Online/* MBP
All PG Programs	4	21-Dec-2020		May - 2021	Online

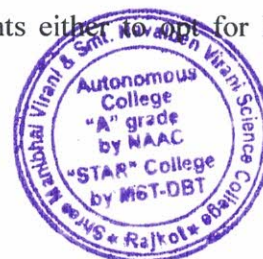
*MBP=Merit Based Progression

The Continuous Internal Assessment (CIA) for even semesters of all UG and PG programs were conducted in online mode.

The Semester End Examinations (SEE) for **Exit Semesters of all UG programs & all semesters of PG programs** were conducted in **Online Mode** as per UGC circular D.O.NO.F.14-8/2020 (CPP-II), dated 06/05/2021.

As per the academic event calendar of the college Semester End Exams were scheduled from **22nd May 2021**; but the Education Department, Govt. of Gujarat vide circular no. KRN/102020/0605/ 2020/kh-1 have announced **Merit Based Progression for all regular intermediate semesters of only UG programs on 21st May 2021**.

Hence, college has given option/ choice to the students either to opt for Merit Based



Progression or to appear in SEE in online mode. Accordingly 50% of students selected / opted for Merit Based Progression and rest of the 50% students have appeared in online SEE.

A.Y. 2021-22:

The commencement of regular academics – TL & E of Odd semesters of all UG programs for A.Y. 2021-22 in online / offline mode following preventive guidelines stipulated by Parent University and Government are as follows:

Semester	Date of Commencement
V	15-Jun-2021
III	24-Jun-2021
I	16-Sept-2021

Dr. Sheela Ramachandran wanted to clarify few points regarding how the marks have been given to the students who have opted for Merit Based Progression (MBT)? And if the marks are given to the students who have opted for MBT then how these marks are compared with the students who have opted and got marks by giving examination. She asked the college to keep the justification and details of all the procedure in the notes.

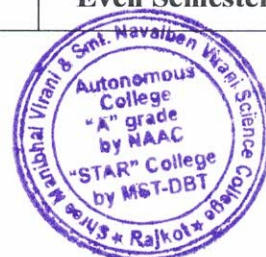
Dr. Ladva explained that the CoE of the college has developed software which is entirely based on the formula given by the Government of Gujarat i.e., 50% for CIA & 50% for previous year SEE. For language courses & Allied courses the marks of previous years are mapped with the current year. For part-III courses, which are 100% internally evaluated no MBP is given, they have been evaluated online. Soon after completions of the MBT & Exams, the college has called Meeting of Result Passing Board, which has members from the parent Saurashtra University.

The above was seconded by Dr. Mihir J. Joshi.

2.3 Results of examination of A.Y. 2020-21

The highlights of the results of examinations conducted in A.Y. 2020-21 for all the UG & PG programs are as follows:

S.N.	Program	Overall Pass Percentage Odd Semesters 2020-21	Overall Pass Percentage Even Semesters 2020-21



A	UG Programs	83.60	96.45*
B	PG Programs	98.69	100

* Includes MBP

The CoE and Examination Committee have developed software formula for Merit Based Progression based on the guidelines stipulated by Education Government, Government of Gujarat.

The above results were approved by the Result Passing Board of the college. The consolidated results of all semesters of all UG & PG programs with classification of the grade of **graduating candidates** have been submitted in prescribed O.R. format to Saurashtra University for the award of the degree in ensuing convocation.

The above was seconded by Dr. Sameer K. Vaidya.

2.4 Feedback Mechanism

The college collects the feedback on various aspects from different stakeholders such as the students, alumni, Faculty, academic peers and Employers to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is also made by the committee for quality enrichment.

The feedback mechanism includes both structured and non-structured feedback. For AY 2020-2021 different structured feedback collected are as follows. All the feedbacks were taken online and analyzed on a five-point rating scale.

Structured Feedback System

S.N.	Feedback Aspects	Periodicity	Analysis Avg. Score
1	Student's Feedback on Theory Courses	Semester	4.21
2	Student's Feedback on Practical Courses	Semester	4.28
3	Student's Feedback on Faculty Handling the Course	Semester	4.17
4	Overall Institutional Feedback	End of the program	4.00
5	Parents Feedback	End of the program	3.96
6	Students Satisfaction Survey	Covid-19 pandemic	4.12

* The maximum score is 5 and the minimum score is 1, where 5 indicates excellent, 4 indicates very good, 3 indicates good, 2 indicates fair and 1 indicates satisfactory.

Dr. Sheela Ramachandran asked to include the Feedback score along with the only few salient features of Action Taken Report on the improvement suggested from the



stakeholders like Employers, Academic Peers & Alumni in the minutes.

The above was seconded by Dr. Sonal J. Shah.

3. LOCF / OBE curriculum in light of NEP-2020

Major curriculum revision was made in 2016-17 i.e. first year of implementation of academic autonomy with continuation of CBCS and adopted recommendation of UGC model curriculum & Saurashtra University.

The college has also developed & implemented NSQF based curriculum in 2014-15.

In A.Y. 2019-20 the college has introduced OBE under CBCS for all PG program for first time in the region.

The college have initiated designing & development process of New Curriculum Framework in light of NEP-2020 from Sept. 2020; which is based on followings:

1. UGC – Learning Outcome based Curriculum Framework
2. UGC Quality mandate & Sustainable Development Goals
3. National Education Policy-2020
4. Feedback from stakeholders
5. Universal Human Values & Value Education

On behalf of the college, I acknowledge the kind & able support extended by the Atmiya University and express gratitude for making the college part of the NEP Task Force formulated for mentoring of the design & development of new curriculum framework in harmony with NEP-2020.

Under the holistic mentoring of P.P. Tyagvallabh Swamiji, Secretary, Sarvodaya Kelavani Samaj trust and strategic mentoring of Prof. Sheela Ramachandran madam, Pro chancellor, Atmiya University; the college have participated actively in various initiatives of the NEP Task Force and four Sub Task Force viz., (1) Academic Restructuring (2) Research, Innovation, Entrepreneurship & Community Engagement (3) SDGs & UHV Integration (4) TQM, Internationalization and Other Aspects.

NEP 2020 has provided us with an opportunity to re-imagine, redesign and restructure the entire system to make higher education the engine that will drive research & development



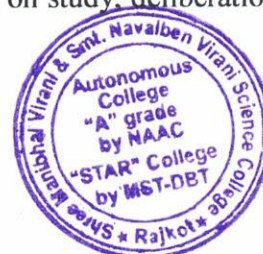
of the economy and society (Atmanirbhar Bharat). NEP Clause 10-19 are directly related to higher education. NEP Clause 20-24 has certain aspects which are applicable to higher education. NEP Clause-11: Towards a More Holistic and Multidisciplinary Education. NEP Clause-12: Optimal Learning Environments and Support for Students.

Major aspirations included in new curriculum framework keeping Universal Human Values & Value education at fulcrum; are as follow:

<ul style="list-style-type: none"> • Academic Flexibility • Outcome Based Learning- LOCF • Choice Based Academics • Inter & Trans Disciplinary 	<ul style="list-style-type: none"> • Skill Based Learning • Community Engagement • Promoting Creativity & Innovation • Research & Entrepreneurship 	<ul style="list-style-type: none"> • Technology Integration • Indian & foreign languages • Quality mandates • Design thinking
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The process of design & developed new curriculum framework in light of NEP includes following activities:

1. Holistic & Strategic Planning & Mentoring
2. Organization of webinars, expert talks and workshops / trainings by academic peers – Internal & External.
3. Attending training programs and webinars organized by MHRD, UGC, AICTE, KCG, SU & such other National & state level agencies.
4. In house group discussion, brain storming sessions, meetings, feedback collection & analysis and regular mentoring by Prof. Sheela Ramachandran.
5. Deliberations & Recommendations made by BoS
 - Super Session on **Future of Education - Prof. D.P. Singh**, Chairman, UGC, on June 18, 2020.
 - Workshop on “**Conclave on Transformational Reforms in Higher Education under National Education Policy-2020**” organized by MHRD and UGC on 7th August 2020.
 - Webinar on “**National Education Policy 2020-Overview**” jointly organized by VSC & AU on 23rd Sept. 2020 by Dr. Y. M. Jayaraj, VC, Pravara University, Maharashtra.
 - Till date investment of around **20,000+ man hours** on study, deliberations, trainings,



strategic planning & implementation.

These efforts have yielded following 3 tier curriculum frame work for all UG programs:



Part I - Language Courses		
1	Language Courses	Language courses with emphasis on functional English
Part II – Domain Specific Courses		
2	Core Courses - Core Theory - Core Practical (separate or built-in with theory course)	<ul style="list-style-type: none"> • Compulsory courses related to major domain of the program. • Nature of courses – Fundamental, Advanced and Applied • Extra-credit courses • Also includes courses like Self-study course and Concept Recapitulation Test (CRT)
3	Core Elective Courses	<ul style="list-style-type: none"> • Elective courses related to major domain of the program which may lead towards specialization • Nature of courses – Advanced and Applied
4	Core Enrichment Courses / Components	<p>Course that encourages experiencing and applying the domain knowledge through design and exploration. This includes -</p> <ul style="list-style-type: none"> • Concept to Practice, Internships, Minor project, Major Project, Skilling, Start-up, Study of Advanced courses
5	Interdisciplinary Course (IDC)	Compulsory courses related to the program domain but Interdisciplinary in nature
6	Discipline Specific Elective (DSE) Courses	Elective courses offered in Clusters
7	Trans - disciplinary Elective Courses	Elective courses offered in clusters having generic in nature aiming at a particular outcome
PART III - Ability Enhancement Course / Components		
8	Ability Enhancement Compulsory Courses (AECC)	Compulsory courses on Environment, Sustainable Development Goals and Universal Human Values
	Skill Enhancement Courses (SEC)	Courses focusing on developing primary, secondary and tertiary skills among students in terms of Value Added Courses, Co- Curricular courses, Add-on courses, etc.
9	Finishing School	<ul style="list-style-type: none"> • Compulsory Courses <ul style="list-style-type: none"> - Student Induction Program - Fundamentals of Design Thinking - Career Acceleration Program – CAP Courses - Community Engagement • Optional Courses for Advance Learners <ul style="list-style-type: none"> - Indian & Foreign Languages - Online course from selected MOOC platforms - Advanced Design Thinking - Extra-credit Courses

In addition to Individual all BoS have developed various components of **OBE system** viz., **GA, PEO, PO, PSO and COs with Knowledge level** based on Bloom’s taxonomy.

Dr. Ladva quoted “Establishment and Operationalization of Academic Bank of Credits



(ABC) Scheme in Higher Education – UGC Draft Regulations, 2021”

- **ABC, as envisaged in the National Educational Policy-2020 (Clause-11, Sub Clause-7), shall be a National-level facility**
- To promote flexibility of curriculum framework and interdisciplinary/multidisciplinary academic mobility of students across the Higher Education Institutions in the country with appropriate “credit transfer” mechanism.
- **“Academic Bank of Credits (ABC)”** is an academic service mechanism as a digital/virtual/online entity of credit database of HEIs established and managed by MOE/UGC to facilitate students to become its academic account holders and paving the way for seamless student mobility between or within degree-granting Higher Education Institutions (HEIs) through a formal system of
 - Credit recognition, Credit accumulation,
 - Credit transfers and Credit redemption to promote distributed and flexible teaching-learning.

Dr. Sheela Ramachandran asked for four following clarification while implementation of NEP-2020 as now due revised gazette published by Government of Gujarat, the college remains affiliated with the Parent Saurashtra University:

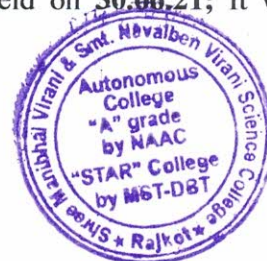
- 1) Is college permitted to give four year degree program?
- 2) Is college permitted to give multiple entry & exit?
- 3) Is college permitted to adopt Academic Bank of Credits (ABC)?
- 4) Is college permitted to offer online programs?

Dr. Sheela Ramachandran asked to include Indian Knowledge System in the slide of NEP-2020 in tabular column in the Principal’s presentation as it is a part of transdisciplinary cluster.

The above was seconded by Dr. Sheela Ramachandran.

4. **Conceptual framework for UG programs under CBCS.**

In the general meeting of BoS of all subjects held on **30.06.21**; It was decided that



common Model of Conceptual Framework for all UG Programs be developed, which would serve as guidelines for individual Board to prepare the number of courses under each category of the curriculum in a pre-determined structure.

After discussion, a **Model** of Conceptual Framework was developed for all UG programs which indicate semester wise, part wise distribution of various types of courses with credit weightage; as indicated here under:

Part	Component	Courses	Credits
I	Language Courses	English	12
II	Domain Specific Courses	Theory & / or Practical Core, Core Elective, Core Enrichment, Interdisciplinary-IDC, Discipline Specific Elective-DSE, Trans-disciplinary Elective- TDE, Self Study-SS, Concept Recapitulation Test-CRT	121-131
III	Ability Enhancement Courses	A. Ability Enhancement Compulsory B. Finishing School	8 + Credit Audit
Total Credits			141-151

The above was seconded by Dr. Sameer K. Vaidya.

5. Admission-2021-22 and academic event calendar-2021-22

5.1 Admission to UG programs for AY 2021-22

The college has initiated online / offline admission processes on 21st July 2021 as per admission / admission processing committee's resolution the merit list schedule (Appendix) was published on college website. The admission counselling cell was setup and academic council was made online as well as at college following the guidelines stipulated by the Government.

The admissions process is in progress with good demand ratio for following Grant-in-Aid programs for A.Y. 2021-22. The details provisionally admitted students will be submitted to Saurashtra University for document verification required for enrolment process.

- B.Sc.-Chemistry (allied Physics/Mathematics)
- B.Sc.-Mathematics (allied Physics)
- B.Sc.-Biochemistry (allied Botany/Zoology)
- B.Sc.-Microbiology (allied Botany/Zoology)



10+2 Subject Group/ Program		No. of Application Received	No. of Seats Available	No. of Students Admitted	Demand Ratio
A Group (CPM)	B.Sc. Chemistry	347	120	90	1 : 3
	B.Sc. Mathematics				
B Group (CPB)	B.Sc. Microbiology	568	120	107	1 : 5
	B.Sc. Biochemistry				

(GUJCET exam on 06/08/2021, 10+2 repeater result on 16/08/2021, NEET exam on 12/09/2021) (Group-A Total registered candidate 43,142 and Group-B Total registered candidate 64,106)

The above was seconded by Dr. Mihir J. Joshi.

5.2 Academic Event Calendar-2021-22

The academic activity event calendar AY 2021-22 of the college for All UG Sem.-I, III & V has been prepared considering following guidelines / circulars:

- The summer vacation circular of Education Department, Government of Gujarat vide circular no. Parach/2018/61/Kh.-1 dated 30/04/2021 (Observed from 1st May to 5th June 2021).
- The common academic calendars published by Education Department, Government of Gujarat vide resolution no. Parach/2018/61/Kh.-1 dated 04/06/2021.
- UGC guidelines on examination and academic calendar in view of Covid-19 pandemic – July 2021 published by UGC vide D.O.No. F.1-1/2021 (Secy) dated 16/07/2021.

Dr. Sheela Ramachandran asked to prepare Event Calendar for the students, Capacity building calendar and Research Calendar for faculty members. The all



three can be merged in a single calendar with color code.

The above was seconded by Dr. Sonal J. Shah.

6. Deliberations made in various BoS including Interdisciplinary-BoS.

6.1 Common aspects

In the general meeting of BoS of all subjects held on **30.06.21** the following were framed. The Chairperson of Academic Council moves the resolutions.

a. Awarding of Credits

The credits would be awarded as indicated below for various components.

- Theory : 1 hour of instruction = 1 credit
- Practical : 2/3 hours of instruction = 1 credit
- Tutorial : 2/3 hour of instruction = 1 credit

b. Components of CBCS Framework UG Programs:

The components were kept in line with the UGC's Guidelines in light of NEP-2020 and categorized as follows:

Part I Language Courses – English courses

Part II Domain Specific Courses – T & P

Core, Core Elective, Core Enrichment, Interdisciplinary-IDC, Discipline Specific Elective-DSE, Trans-disciplinary Elective-TDE, Self-Study-SS, Concept Recapitulation Test-CRT courses

Part III Ability Enhancement Courses

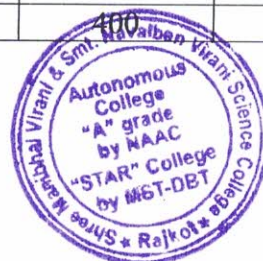
A. Ability Enhancement Compulsory Courses (AECC)

B. Finishing School Courses (FSC)

Credits to earn the Degree: The total credits to be earned by the student at the end of the Program to get the **B.Sc.** Degree is **148** credits minimum

Total marks and Credit distribution to earn the B.Sc. Degree

S.N.	PART	Total Marks	Total Credits
1.	PART I: Language Course	400	12



2.	PART II: Domain Specific Courses	3900 - 4000	128 (121-131)
3.	PART III: Ability Enhancement Courses	Remarks	8 + Credit Audit
TOTAL		4300 - 4400	148 (141-151)

Dr. Sheela Ramachandran suggested to take clarification from Saurashtra University and Knowledge Consortium of Gujarat (State Government) regarding authorization to be given to chairperson of Academic Council based on the recommendation of the Saurashtra University as well as the Knowledge Consortium of Gujarat (State Government) to make the necessary amendments for Certificate, Diploma as well as B.Sc. (Honors) and the credits distribution and credits to be earned. The same was also endorsed by Dr. Mihir Joshi.

The resolutions made / passed by individual BoS including ID-BoS are presented hereunder for approval

The above was seconded by Dr. Neepa D. Pandhi.

6.2 Aspects related to Individual BoS

6.2.1 Resolutions of BoS in Chemistry

The BoS in Chemistry met on 30/06/2021 to deliberate on the above aspects, and I, **Dr. M. S. Vadodariya**, have the honour to move the following:

6.2.1.1 Regulations for UG Program – B.Sc.-Chemistry

6.2.1.2 Scheme of Learning and Evaluation for all Semesters of UG Program – B.Sc.-Chemistry
Syllabi for Semester-I courses for UG Program

6.2.1.3 List of paper setters for 1st semester courses

6.2.1.4 List of examiners for practical & theory paper evaluation for 1st semester courses.

6.2.1.5 Question paper pattern for 1st semester theory & practical courses All the above be applicable for students admitted from 2021-22 & onwards.

6.2.2 Resolutions of BoS in Mathematics

The BoS in Mathematics met on 30/06/2021 to deliberate on the above aspects and I, **Mr. Jignasu N. Chauhan**, have the honour to move the following:

6.2.2.1 Regulations for B.Sc. Mathematics.



- 6.2.2.2 Scheme of Learning and Evaluation for all Semesters of B.Sc. Mathematics.
- 6.2.2.3 Syllabi for the 1st semester courses of UG Program–B.Sc. Mathematics.
- 6.2.2.4 List of paper setters for the 1st semester courses of B.Sc. Mathematics.
- 6.2.2.5 List of examiners for practical & theory paper evaluation for 1st semester courses of B.Sc. Mathematics.
- 6.2.2.6 Question paper pattern for 1st semester courses B.Sc. Mathematics. All the above be applicable for students admitted from 2021-22 & onwards.

6.2.3 Resolutions of BoS in Microbiology

The BoS in Microbiology met on **30/06/2021** to deliberate on the above aspects, and I, **Dr. Neepa Pandhi**, have the honour to move the following:

- 6.2.3.1 The Regulations of B.Sc. Microbiology be approved
- 6.2.3.2 The Scheme of Learning and Evaluation for all semesters of B.Sc. Microbiology be approved.
- 6.2.3.3 The Syllabi of courses of 1st Semesters of B.Sc. Microbiology Programme be approved.
- 6.2.3.4 List of Paper Setters and Examiners for the 1st Semester courses be approved
- 6.2.3.5 Question paper pattern for 1st Semester theory & practical courses be approved.
- All the above be applicable for students admitted from 2021-22 & onwards.

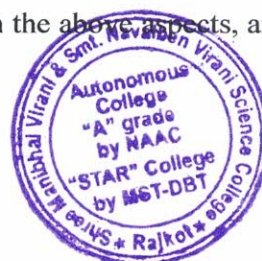
6.2.4 Resolutions of BoS in Biochemistry

The BoS in Biochemistry met on **30/06/2021** to deliberate on certain aspects, and I, **Dr. Sonal J. Shah**, have the honour to move the following:

- 6.2.4.1 Regulations for UG Program – B.Sc. - Biochemistry
- 6.2.4.2 Scheme of Learning and Evaluation for all Semesters of UG Program – B.Sc. - Biochemistry
- 6.2.4.3 Syllabi for Semester-I courses for UG Program
- 6.2.4.4 List of paper setters and Examiners for practical & theory paper evaluation for Semester-I courses
- 6.2.4.5 Question paper pattern for Semester-I theory & practical courses All the above be applicable for students admitted from 2021-22 & onwards.

6.2.5 Resolutions of BoS in Physics

The BoS in Physics met on **30/06/2021** to deliberate on the above aspects, and I, **Prof. B.**



S. Trivedi, have the honour to move the following:

6.2.5.1 Syllabus of IDC course for:

6.2.5.1.1 B.Sc. Chemistry Program Semester-1

6.2.5.1.2 B.Sc. Mathematics Program Semester-1

6.2.5.2 Scheme of Learning and Evaluation for semester 1 & 2 of B.Sc. Chemistry and Semester-1 to 4 of B.Sc. Mathematics.

6.2.5.3 Paper pattern for Semester-1 & 2 of B.Sc. Chemistry and Semester-1 to 4 of B.Sc. Mathematics

All the above be applicable for students admitted from 2021-22 & onwards.

6.2.6 Resolutions of BoS in Biology

The BoS in Biology met on **30/06/2021** to deliberate on the above aspects, and I, **Dr. Reena P. Dave**, have the honour to move the following:

6.2.6.1 Syllabus of IDC course for:

6.2.6.1.1 B.Sc. Biochemistry program Semester-I

6.2.6.1.2 B.Sc. Microbiology program Semester-I

6.2.6.2 Scheme of learning and evaluation for courses offered to Semester-I & II of B.Sc. Biochemistry and B.Sc. Microbiology.

6.2.6.3 List of paper setter for courses offered to semester-I and II of B.Sc. Biochemistry and B.Sc. Microbiology.

6.2.6.4 List of Examiner for Practical and Theory paper evaluation for courses offered to Semester-I and II of B.Sc. Biochemistry and B. Sc. Microbiology.

All the above be applicable for students admitted from 2021-22 & onwards.

6.2.7 Resolutions of BoS in English

The BoS in **English** met on **30/06/2021** to deliberate on the below aspects, and I, **Dr. Neeharika Rawat** have the honour to move the following:

6.2.7.1 The Scheme of Learning & Evaluation for Semesters-I to IV of B.Sc. Programmes

6.2.7.2 Syllabus for Course offered to other programs in 1st Semester

6.2.7.3 List of Paper Setter and Examiner for the 1st semester courses

6.2.7.4 Question paper pattern for 1st semester theory & practical courses All the above be applicable for students admitted from 2021-22 & onwards.



6.2.8 Resolutions of Interdisciplinary BoS

The Scope of Interdisciplinary Board of Studies:

The Framework of the UGC's Guidelines on CBCS has been adopted which calls for integrating courses under **Ability Enhancement Courses**, with the core and Inter-disciplinary Courses.

Hence the College has included different concepts and types of courses under Part-III of the framework as follows:

Part-III-A: Ability Enhancement Courses (AEC)

Part-III-B: Finishing School Courses (FSC)

Some of these courses would be Discipline specific and could come under the purview of the discipline specific BoS for framing and recommendation.

However, certain courses under the above classifications, presently and in future, for UG programs of this College, could be general in nature.

Hence a separate BoS as named above could have an integrated composition of experts representing general facets of education, who in turn, could frame the syllabus, evaluation norms and other related matters to place to the Academic Council for recommendation. The term of office of the members would be the same as of other BOS.

Introduction of Part III - Ability Enhancement Compulsory Courses (AECC), Skill Enhancement Courses (SEC) and Finishing School Courses (FSC) will play significant role in achieving objectives of NEP 2020.

The Interdisciplinary BoS met on **10.07.2021** and I, **Dr. K. D. Ladva**, have the honour to move the following resolutions.

6.2.8.1 Revision of Syllabus and Evaluation norms for Part-III-A, AECC-II- Environmental Conservation and Sustainable Development

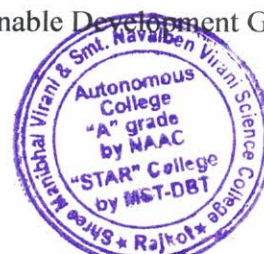
6.2.8.2 Revision of Syllabus and Evaluation norms for Part-III-A, AECC-III- Human Values for Holistic Living.

6.2.8.3 Revision of Syllabus and Evaluation norms for Part-III-A, SEC-II Co-curricular courses - NCC, NSS and Sports.

6.2.8.4 Introduction of new components/courses in Part-II and Part-III A & B – Ability Enhancement Courses (AEC).

6.2.8.4.1 Part II Concept to Practice

6.2.8.4.2 Part III-A-AECC-I Introduction to Sustainable Development Goals



6.2.8.4.3 Part III-B-Finishing School (FSC): Student Induction Program (FS-I) and Fundamentals to Design Thinking (FS-II).

All the above be applicable for students admitted from A.Y. 2021-2022 & onwards.

The above was seconded by Dr. Sonal J. Shah.

6.3 Aspects related to assessment and evaluation

6.3.1 Common Regulations for UG Program.

The common regulations with respect to Attendance, Passing marks and Grades, Classification of results to earn UG degree unless otherwise stated, were framed in line with UGC and Saurashtra University norms and passed in the general BoS met on 30th June 2021.

The above was seconded by Dr. Sameer K. Vaidya.

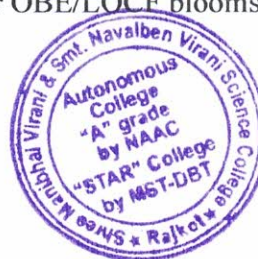
6.3.2 Guidelines and Evaluation Norms.

It was decided that the above be common for all theory and practical courses of UG Programs, unless otherwise stated. The following table illustrates the same.

<i>Theory Courses - CIA : SEE</i>		<i>Practical Courses - CIA : SEE</i>	
Continuous Internal Assessment (CIA)	Various from 30 percent to 100 percent based on the nature of course	Continuous Internal Assessment (CIA)	Various from 40 percent to 100 percent based on the nature of course
Semester End Examination (SEE)	Varies from 70 percent to 40 percent based on the nature of course	Semester End Examination (SEE)	Varies from 40 percent to 60 percent based on the nature of course

Four different models of evaluation for theory courses were proposed with ratio of CIA: SEE varying from, 30:70, 40:60, 50:50 and 50:50 with In-built Practical and 40:60, 60:40 & 50:50 Ratio in Practical Courses.

Chairpersons of BoS were authorized to use different assessment and Evaluation tools to monitor outcome of courses for different K levels under OBE/LOCF blooms taxonomy.



All the above be applicable for students admitted from 2021-22 & onwards.

Dr Sheela Ramachandran suggested to add include a line or paragraph this varied proportion of CIA to SEE for each course depends upon the achievement outcomes in OBE.

The above was seconded by Dr. Sonal J. Shah.

7.0 Table Agenda

7.1 Continuation of affiliation of the College with Saurashtra University

Amendment Gujarat Act no. 15 of 2021 Published in GGG on 22nd May 2021 - Sub section 5 of section 3 of GPU act 8 of 2009 stand amended with the deletion of the words “except the grant-in-aid colleges & institutions” there from.

Hence, MNVSC - a GIA college run & managed by Sarvodaya Kelavani Samaj trust which is also sponsoring body of Atmiya University gets de-affiliated w.e.f. 1st June 2021 from Saurashtra University (ref. letter AU/VSC/Deaffili/ SKS/ 2021/ 210810 dated 10/08/21)

Gujarat Ord. No 4 of 2021 : The ordinance was promulgated and regulation made to amend the GPU Act 15 of 2021 by the Hon. Governor in GGG on 25 August 2021 – in the GPU principal act, section 3, in sub section (5) for the words “the constituent colleges and institutions of the Sponsoring body ‘, the words “the constituent colleges and institutions of the Sponsoring body, except the Grant-in-Aid colleges and institutions,” shall be deemed to have been substituted with effect on and from the appointed day of the GPU (amendment) act, 2021.

Hence, the status of affiliation of Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot will continue with the Saurashtra University i.e., the college will remain affiliated with Saurashtra University, Rajkot (ref. letter SKS/VSC/Affili/210902-1/2021 dated 02/09/21).

The above was seconded by Dr. Sheela Ramachandran.

7.2 Progressive Performance and Excellence in Ranking Framework

The college is achieving consistently improved performance in institutional ranking framework at State & National level. The college will strive to achieve next higher level



in both the frameworks; by strategic planning

Gujarat State Institutional Ranking Framework (GSIRF)		
A.Y.	2019-20	2020-21
Rating	5 Star Institution	5 Star Institution
CGPA	4.01	4.30
National Institutional Ranking Framework (NIRF)		
A.Y.	2019-20	2020-21
Rank Band	>200	151-200

The college was reaccredited at “A” grade with CGPA 3.28 in cycle-II. As an affiliated college to Saurashtra University; college have to undergo reaccreditation procedure for cycle-3 as per the prevailing guideline of NAAC

Dr. Mihir Joshi appreciated the college for its meticulous documentation and preparedness. He suggested that while designing a interdisciplinary course care has to be taken that all the student can peruse it without having basic knowledge of that field. He emphasized to include human value as well as Vedic Mathematics courses, which will benefit our students.

Dr. Sheela Ramachandran to make aware, motivate students and may offer prerequisite course (if needed) to earn extra credits by selecting any course across the college. The faculty members of the college may give mentoring to the students for ensuring the targeted benefit in real sense by the progression of IDE in clusters then to DSE in cluster to TDE in clusters.

The above was seconded by Dr. Sameer K. Vaidya.

Adjournment:

Dr. K. D. Ladva adjourned the meeting after Vote of Thanks, proposed by **Er. Ravi S. Tank**





Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

