MINUTES OF THE FOURTH MEETING OF ACADEMIC COUNCIL HELD ON 17th JULY, 2018

With the divine blessings of H.D.H. Param Pujya Hariprasad Swamiji, a meeting of members of Academic Council was held on 17th July, 2018 at 11:00 am in the Board room. All the members of Academic Council, except the following, attended the meeting:

SN	Name of member	Designation	Affiliation	Reason of absence
1.	Dr. D. P. Chauhan	Professor	V.C. Nominee	Absent
2.	Dr. S. P. Singh	Professor	V.C. Nominee	Leave of absence
3.	Shri Vineshbhai Patel	Industry	G.B. Nominee	Leave of absence
4.	Mr. Paresh Maru	Law	G.B. Nominee	Absent
5.	Dr. Atul Pandya	Medicine	G.B. Nominee	Absent
6.	Dr. J. N. Shah	Engineering	G.B. Nominee	Absent
7.	Dr. Naval P. Kapuriya	Assistant Professor	Member	Leave of absence
8.	Dr. Ravi Ranjan	Assistant Professor	Member Secretary	Leave of absence

1. Welcome and Opening Remarks

Dr. K. D. Ladva, Chairman of Academic Council, welcomed the august body.

The Chairperson, **Dr. K. D. Ladva**, on the behalf of all the AC members paid homage to the departed soul of **Mr. H. L. Pandya** (former AC member and Chairman BoS in English) and showed gratitude towards his services as Academic Counsel Member and Chairman of BoS in English, rendered from **May 2016** to **November 2017**.

The Chairperson also introduced Ms. Shivangi Oza (newly appointed Chairman - BoS in English from November 2017) as new member inducted into the Academic Council.

The Chairperson, **Dr. K. D. Ladva** happily informed the august body about establishment of 'Atmiya University' (a Gujarat State Private University) under the aegis of forerunner Trust of Shree Manibhai Virani & Smt. Navalben Virani Science College (MNVSC), the Sarvoday Kelavani Samaj by the Government of Gujarat. Dr. Ladva informed the august body that as per the LoI response letter communicated to Government of Gujarat, the Trust had showed its willingness to include all the Higher Educational Institute (including MNVSC maintaining status quo for Grant in Aid conditions), working under the realms of Sarvoday Kelavani Samaj, be included under the Atmiya University. So far the Government has given consent to hold the reins of all the Self Financed HEI affiliated to GTU/SU, under the flagship of Atmiya University and the decision for Shree Manibhai Virani & Smt. Navalben Virani Science College (MNVSC) is still under consideration.

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Dr. Ladva emphasized that constant improving of education quality is one of the most significant tasks of any contemporary Higher Educational Institute. HEI is an integrated organization surrounded by a larger number of various stakeholders and the students are the most important stakeholder group on the campus. Primary objective of any HEI is to provide an amicable "ecosystem" to this student stakeholder group and, therefore their internal connections and expectations are of immense importance. Keeping these things in mind, the IQAC of the College organized a student workshop on "Restructuring PG Curriculum" from 16th - 17th February, 2018. During the workshop, many novel ideas were presented by the P.G. students of college for improvement in existing curriculum of PG programmes. The presentations were assessed and the recommendations were compiled by experts from outside the campus. These recommendations were circulated to the chairpersons of all the BoS to put in their BoS meeting for discussion and to search for the feasibilities of adoption of these recommendations

Thereafter the following agenda were put forth for discussion:

AGENDA

- 2. Confirmation of Minutes of Third Meeting of Academic Council held on 21/06/2017
- 3. Revised/New Regulations/Schemes of Instruction & Examinations and/or Syllabi framed by certain BoS
 - 3.1 Resolutions of BoS in Chemistry of meetings held on 12.07.2017 and 05.05.2018
 - 3.2 Resolutions of BoS in Computer Science & Information Technology of meeting held on 05.05.2018
 - 3.3 Resolutions of BoS in Microbiology of meetings held on 12.07.2017 and 05.05.2018
 - 3.4 Resolutions of BoS in Biotechnology of meeting held on 05.05.2018
 - 3.5 Resolutions of BoS in Industrial Chemistry of meeting held on 05.05.2018
 - 3.6 Resolutions of BoS in Mathematics of meetings held on 12.07.2017 and 05.05.2018
 - 3.7 Resolutions of BoS in Biochemistry of meetings held on 12.07.2017 and 05.05.2018
 - 3.8 Resolutions of BoS in Physics of meetings held on 12.07.2017 and 05.05.2018
 - 3.9 Resolutions of BoS in Biology of meetings held on 12.07.2017 and 05.05.2018
 - 3.10 Resolutions of BoS in English of meetings held on 12.07.2017 and 05.05.2018
 - 3.11 Resolutions of Interdisciplinary BoS of meeting held on 05.05.2018



- 4. Revision in certain evaluation components of Continuous Internal Examination (CIE), Theory and Practical of all the UG, B.Voc., 5 year Integrated & PG programmes for students admitted from A.Y. 2016-17 and onwards.
 - 4.1 The above be effective as follows for students:
 - 4.1.1 Admitted in A.Y. 2016-17 for 5th & 6th semesters (UG) and 3rd semester & onwards for 5 year Integrated & PG programmes.
 - 4.1.2 Admitted in A.Y. 2017-18 from 3rd semester & onwards
 - 4.1.3 Admitted from A.Y. 2018-19 & onwards from 1st semester & onwards
- 5. Updation of:
 - 5.1 List of question paper setters
 - 5.2 List of examiners (Theory and Practical)
 - 5.3 For all U.G., P.G., B.Voc. and Integrated Programmes
- 6. Results of examinations of A.Y. 2016-17 & A.Y. 2017-18

Table Agenda

8. Admissions to certain programmes in A.Y. 2018-2019

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

Agenda 2: Confirmation of Minutes of Third Meeting of Academic Council held on 21/06/2017

Dr. K. D. Ladva informed that the third meeting of Academic Council was held on 21/06/2017 and Minutes were circulated on 25/06/2017.

As per the Minutes of the above meeting, the members had authorized the Chairman of AC to conduct entrance examination for admission to various UG programmes (Agenda No. 6 of 3rd Academic Council Meet). However, on discussion at various meetings of statutory & non-statutory bodies, it was deferred to conduct the entrance examination for the academic year **2017-18.** Also, looking towards the wide scope and applications of the programme *i.e.*, "B.Sc. Food Processing & Preservation Technology", the nomenclature should be changed to "B.Sc. Food Processing Technology & Management".

- 2.1 Dr. Ladva indicated that in third AC meet (held on 21/06/2017) the members had authorized the Chairman to introduce three new programmes from the A.Y. 2017-18 (Agenda No. 3).
 - 2.1.1 B.Sc. Electronics
 - 2.1.2 B.Sc. Food Processing & Preservation Technology
 - 2.1.3 M.Sc. Biochemistry



However, no admissions were done for the above programs on directions of the Trust who had certain other developmental plans, as minuted in GB decisions (in circulation) dated 10/07/2017.

2.2 Conversion of Allied courses to Core Courses under CBCS.

As per clause **7.0** of the above minutes dated 25/06/2017 of the third meeting of Academic Council, the Chairman of AC, with the approval of the Governing Body (minutes dated 25/09/2017) puts forth the following to this august body.

S.N.	Programme / Group	Admission Intake	Allied Course Converted to Core Course in 3 rd year	Degree to be Awarded
1.	Group A (CPM)	30	Physics	B.Sc. Physics
2.	Group B (MBZ)	30	Microbiology	B.Sc. Applied Microbiology

Accordingly, students were admitted in the above two groups during A.Y. 2017-18 and on completion of their 3 year programme, will be awarded the respective degrees as indicated above.

Subsequently, the college received a letter from Saurashtra University (Letter No. Jodan/9/295/2018 dated 09/05/2018) indicating that no additional seats beyond 120 in each of the groups would be sanctioned. Also that the 3rd year of these core courses would be self-financed (Letter No. Jodan/2/1287/2017 dated 09/11/2017). Hence, on advice of the Governing body of managing Trust (minutes dated 23/05/2018), no admission to the above were done from **A.Y. 2018-19 & onwards**.

The above was approved by the members and seconded by Dr. S. J. Shah.

No other comments were received from the honorable members regarding any other aspects, hence, the Minutes of Third AC meeting ware taken as **confirmed.**

The above was approved by the members and seconded by Dr. S.K. Vaidya.

Agenda 3: Revised/New Regulations/Schemes of Instruction & Examinations and/or Syllabi framed by certain BoS

The Chairperson of the Academic Council, **Dr. K. D. Ladva** requested the Chairpersons of the respective BoS to propose their resolutions.

3.1 Resolutions of BoS in Chemistry

Dr. M.S. Vadodaria, Chairman-BoS in Chemistry, moved the resolution 3.1.1.1 to 3.1.1.6 and 3.1.2.1 to 3.1.2.4 as indicated in the notes.

The above were approved by the members and seconded by Dr. Neepa Pandhi.



3.2 Resolutions of BoS in Computer Science & Information Technology

Dr. Stavan Patel, Chairman-BoS Computer Science & Information Technology moved the resolution 3.2.1 to 3.2.3as indicated in notes.

The above were approved by the members and seconded by Dr. Preetam Joshi.

3.3 Resolutions of BoS in Microbiology

Dr. Neepa Pandhi, Chairman BoS in Microbiology moved the resolutions 3.3.1.1 to 3.3.1.7 and 3.3.2.1 to 3.3.2.5 as mentioned in the Notes.

The above were approved and seconded by Dr. Shivani M. Patel.

3.4 Resolutions of BoS in Biotechnology

Dr. Shivani M Patel, Chairman BoS in Biotechnology moved the resolutions 3.4.1 to 3.4.2 as mentioned in the Notes.

The above were approved and seconded by Er. Ravi S. Tank.

3.5 Resolutions of BoS in Industrial Chemistry

Er. Ravi Tank, Chairman BoS in Industrial Chemistry moved the resolution 3.5.1 as mentioned in the Notes.

The above were approved and seconded by Dr. Praveena Bhandari.

3.6 Resolutions of BoS in Mathematics

Mr. Jignasu Chauhan moved the resolutions 3.6.1.1 to 3.6.1.5 and 3.6.2.1 to 3.6.2.3 as indicated in the Notes.

The above were approved and seconded by Mr. Hitendra Donga.

3.7 Resolutions of BoS in Biochemistry

Dr. S. J. Shah moved the resolutions 3.7.1.1 to 3.7.1.5 and 3.7.2.1 to 3.7.2.2 as indicated in the Notes.

The above were approved by the members and seconded by Dr. M.S. Vadodaria.

3.8 Resolutions of BoS in Physics

Mr. B. G. Paneliya moved the resolutions 3.8.1.1 to 3.8.1.6 and 3.8.2.1 to 3.8.2.2 as indicated in the Notes.

Er. Ravi Tank indicated the typographical error in numbering of clause from 3.8.1 to 3.8.6 (page no. 9) which was replaced with 3.8.1.1 to 3.8.1.6.

The above were approved by the members and seconded by Dr. Stavan Patel.



3.9 Resolutions of BoS in Biology

Dr. Reena P. Dave moved the resolutions 3.9.1.1 to 3.9.1.5 and 3.9.2.1 as indicated in the Notes.

The above were approved by the members and seconded by Mr. B. G. Paneliya.

3.10 Resolutions of BoS in English

Ms. Shivangi Oza moved the resolutions 3.10.1.1 to 3.10.1.5 and 3.10.2.1 to 3.10.2.6 as indicated in the Notes.

Dr. Sheela Ramachandran indicated the typographical error in date of BoS meeting (page no. 11) and the date **05.05.2017** was replaced with **05.05.2018**.

The above were approved by the members and seconded by Dr. Shivani Patel.

3.11 Resolutions of Interdisciplinary BoS

Dr. K. D. Ladva moved the resolutions 3.11.1.1 to 3.11.1.6 and 3.11.2.1 to 3.11.2.3 as indicated in the Notes.

Dr. Sheela Ramachandran inquired about revision of syllabus and evaluation norms in Part III, SEC-I. Particularly she put in for the reason why there is the difference in syllabus and evaluation norms of Value Education Course for the students admitted in A.Y. 2017-18 and 2018-19.

Dr. Ladva explained that syllabus for value education has been framed and passed by ID-BoS for the students admitted from AY 2017-18. Since the Virani Science College is a center for Universal Human Values for Conscious Development and regularly organizing workshop and meetings in which the expert from outside the campus are invited for deliberations and giving suggestion. In one of such meeting Shri Somdev Tyagiji (Abhuday Sansthaan, Haapur) who has a very long experience of teaching Value Education, suggested that for the first year students of various UG & PG Programmes (Semester I and Semester II students), only activity based content should be delivered and only from 2nd year onwards the Text Book should be introduced in the syllabus. Accordingly a meeting of faculty members was organized in which modifications in the existing syllabus was proposed which was put in the BoS for consideration and passed for the students admitted from A.Y. 2018-19 and onwards.

Further **Dr. Sheela Ramachandran** asked about feedback regarding all the AECC and SEC courses; as these courses are introduced for the first time under autonomy.

Dr. Ladva reveled his explications that these courses were well received by the students and praised by all the stakeholders of the Shree Manibhai Virani & Smt. Navalben Virani Science College (MNVSC). Moreover, MNVSC is offering a total of 21 Value Added Courses (40 Hrs) and 19 Co-curricular courses (80 - 200 Hrs) so the students are getting enough choices to select the course from a basket.



Regarding Value Education **Dr. Ladva** added that it is an inexcusable fact that superlative purpose of education, which is enlightenment of human intellect and holistic development of human being, has totally been ignored in the current educational system. More sadly, in the chase of degree oriented education we have failed to add in morals and ethical values to our curriculum which is essentially required for the positive nourishment of character. More precisely, as the outcome of education, we are producing successful professionals who are infatuated with physical facilities. Keeping these things in mind Value Education course was designed and offered as Part III, SEC course, which is also in line with the vision and mission of MNVSC. Opposite to our perplexities the course was highly appreciated by the students and very positive changes has been observed in the students.

Regarding Communication skills and Soft Skills courses, **Ms. Shivangi Oza** told that students has shown high interest and enthusiasm in these courses. These course are mostly activity based so several activities/games/puzzles, like Treasure hunt, scrabble word finder, translations of Hindi songs to English etc have been designed to improve the communication abilities in the students. Active participation and enhancement of communication abilities were observed.

Dr. Sheela Ramachandran inquired that since these activities are organized outside the classroom, so how the attendance and participations is ensured?

Ms. Shivangi Oza explained that the course was conducted in small groups so it is easy to ensure full participation. Moreover the student's attendance was very motivating and the students have participated in all activities with lot of enthusiasm.

Dr. Ladva proudly shared that syllabus and scheme of AECC courses (*i.e.* Functional English I & II) of MNVSC has similar contents for the same courses of finishing school programmes, initiated by Knowledge Consortium of Gujarat (KCG), Government of Gujarat. Further **Dr. Ladva** also proudly informed that 30 students of Biochemistry Department registered for online courses of NPTEL, successfully completed the same and earned extra credits for their programmes.

The above were approved by the members and seconded by Dr. Sheela Ramachandran.

Agenda 4. Revision in certain evaluation components of Continuous Internal Examination (CIE), Theory and Practical of all the UG, B.Voc., 5 year Integrated & PG programmes for students admitted from A.Y. 2016-17 and onwards.

Dr. Ladva informed that in reference to Student Workshop on "Restructuring PG Curriculum" held from 16th - 17th February, 2018., the recommendations proposed by students (Dated 20th February, 2018) were circulated to all chairpersons of Various BoS for putting it in their BoS meetings for discussion. After thorough discussion at various statutory and non-statutory bodies the following changes from 4.1 to 4.4 were resolved

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4.1 UG& PG programs (theory)

S.N.	Component	Presently	Suggestive
1.	Assignment	3 Assignments	2 Assignments
2.	Tests	2 Tests	2 Tests

4.2 UG& PG programs (practical)

S.N.	Component	Presently	Suggestive
1.	Tests	2 Tests	1 Test

4.3 The following revision in the evaluation norms of the courses (Core, Discipline Specific Allied / Elective) for all semesters of all the UG programmes is framed as follows:

4.3.1 Theory

i. Generally CIE - 30 marks SEE - 70 marks Total - 100 marks

Unless otherwise mentioned.

ii. Components of CIE

S.N.	Component	Content	Duration, if any	Marks	Sub Total
a)	Test-I Test-II	1st two units All 5 units	1 hr. 30 min. 3 hrs	550000000000000000000000000000000000000	
b)	Assignment-I Assignment-II	1 - A	-	5 (Mark on 20) 5 (Mark on 20)	10
	Grand Total				30 Marks

4.3.2 Practical - 100 Marks

i. CIE - 40 marks
SEE - 60 marks
Total - 100 marks
Unless otherwise mentioned.



ii. Components of CIE

S.N.	Component Content		Duration, if any Marks		Sub Total	
a)	Test	50% to 60% of 2 hrs/3hrs 30 (set for 30 marks)				
b)	Observation book & record		·-	10	10	
	Grand Total				40 Marks	

OR

Practical- 50 Marks

i. CIE - 20 marks SEE - 30 marks Total - 50 marks Unless otherwise mentioned

ii. Components of CIE

S. N.	Component	Content	Duration, if any	Marks	Sub Total	
a)	Test	50% to 60% of 2 hrs/3hrs experiments		15 (set for 30 marks)	15	
b)	Observation book & record	-	-	5	5	
	Grand Total				20 Marks	

Dr. Sheela Ramachandran indicated the correction in (page no. 14) and heading '4.3.2 Practical' was replaced with '4.3.2 Practical - 100 Marks'

(Dr.) Hitendra Donga indicated typographical error in table of components of CIE on page no. 13 and the word duration '2 hrs' and marks '5 (set for 50)' was replaced by '1 hr 30 min' and '5 (set for 30)' respectively.

The above were approved by the members and seconded by Dr. S. J. Shah.

Agenda 5. Updation of list of question paper setters and examiners (Both Theory and Practicals) for all U.G., P.G., B.Voc. and Integrated Programmes

Dr. K. D. Ladva, Chairman of Academic Council moved the updated list of question paper setters and examiners as indicated in the resolutions 5.1 and 5.2 of the Agenda Notes.

The above were approved by the members and seconded by Shri Dhanshukhbhai Vora.



Agenda 6. Results of examinations of A.Y. 2016-17 & A.Y. 2017-18

The Chairman informed that the examinations of all the programs of the autonomous college have been conducted and results of every semester were declared within 21 days of last examination.

The Chairman also told that the first batch of students of P.G. programs have successfully passed out from the autonomous college, and e-governance of CoE Office has also accelerated the process of sending the results to Saurashtra University for early issue of provisional certificates and for their degrees.

Dr. K. D. Ladva presented the summary of results as indicated below:

S.N.	Level of Degree	A.Y. 2016-17 Overall Pass %	A. 201' Ove	7-18	(All s	Degree P emester - C		ited)
		1 st Year	1 st Year	1 st Year	2 nd year	Overall Pass %	1 st class Disti.	1 st Class
1.	UG-B.Sc.	64.84	56.78	70.43	-	-	-	-
2.	UG-B.Voc.	56.99	57.20	69.22	_	-	-	-
3.	5 yr. Integrated B.Sc M.Sc.	48.24	41.83	56.13	-	-	-	-
4.	PG-M.Sc.	80.68	77.33	96.11	98.61	63.73	33.45	2.82

Dr. S. K. Vaidya was quite happy with results of MNVSC and congratulated all the staff members and students for the hard work they had done. He also shared his observation that there has not been any typographical/marking system/out of syllabus types of grievances in question papers or any case of unfair conduct by the students during the examinations by University/Local Flying Squad which is common and often seen in many HEIs.

Dr. Sheela Ramachandran also congratulated Controller of Examination Dr. S. J. Shah for timely completion of task without any faux pas. She also put on record special appreciation of **Mr. H. N. Donga** (Dy. Controller of Examination) for his untiring efforts and hard work for maintaining the software and feeding of data for timely completion of job.

Dr. Neepa Pandhi also proudly shared her experience regarding novel practice of Answer Sheet checking and evaluation at MNVSC, *i.e.* 'Moderation of Answer Sheet by different examiners', was very much appreciated by the Examination Section of parent University and they also have adopted the same method of evaluation at their place.

The above results was moved by Chairperson, approved by all the members and seconded by Dr. S. K. Vaidya.



Table Agenda

Agenda 8: Admissions to certain programmes in A.Y. 2018-2019

Dr. K. D. Ladva, Chairman of Academic Council informed the members that as per Gujarat State Government notification dated 13/04/2018, vide no. GH/SH/ 9/EPU/2017/241/Kh1, the **Atmiya University** has been established at Rajkot w.e.f. 13/04/2018. He further added that 'Sarvoday Kelavani Samaj' the founder Trust established under the Gujarat Public Trust Act, 1950, is the sponsoring body of the Atmiya University.

Accordingly, the Dy. Secretary, Education Department, Gandhinagar, in its letter dated 06/06/2018, vide no. EPU/2017/241/Kh1 has included all the Self Financed HEIs, except Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) under Atmiya University. The letter states that inclusion of Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) under Atmiya University is under consideration of the State Government. The Registrar, Saurashtra University, Rajkot and Registrar, Gujarat Technological University, Ahmedabad, have also been informed of the same.

Meanwhile, in anticipation of a positive decision, and to make the self-financed programmes more proactive, the Trust directed that admissions of all the UG & PG self-financed programmes of Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) be made under Atmiya University (minutes dated 27/04/2018). Subsequent minutes dated 05/07/2018 of Trust meeting, transferred all the SF- UG & PG programmes to Atmiya University.

Accordingly, no admission was taken to the first year of the following programmes under Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) in the A.Y. 2018-2019.

Self financed UG Programs:

- (i) B.Sc. Biotechnology
- (ii) B.Sc. Industrial Chemistry
- (iii) B.Sc. Information Technology
- (iv) BCA Bachelor in Computer Application
- (v) 5 year Integrated B.Sc.- M.Sc. Chemistry
- (vi) 5 year Integrated B.Sc.- M.Sc. Microbiology
- (vii) 5 year Integrated B.Sc.- M.Sc. Mathematics

Self financed PG Programs:

- (viii) M.Sc. Biotechnology
- (ix) M.Sc. Microbiology
- (x) M.Sc. Chemistry
- (xi) M.Sc. Mathematics
- (xii) M.Sc. Industrial Chemistry
- (xiii) M.Sc. Information Technology



However, the students of the above programmes admitted in A.Y. 2016-2017 and 2017-2018 would continue their course of study until completion under the autonomous college.

The same was ratified by the members and seconded by Dr. S. K. Vaidya.

Continuation of B.Voc. programmes and M.Sc. POC in A.Y. 2018-2019 8.1

Dr. K. D. Ladva, Chairman of Academic Council, informed the members that following are the B.Voc. and M.Sc. programme under Shree Manibhai Virani & Smt. Navalben Virani Science College (Autonomous).

B.Voc. Programme:

- B.Voc. Chemical Technology (i)
- B. Voc. Pharma Analysis & Quality Assurance (ii)
- B.Voc. Medical Lab. & Molecular Diagnostic Technology (iii)
- B.Voc. Applied computer Technology (iv)
- B.Voc. Radiation & Imaging Technology (v)

M.Sc. Programme:

M.Sc. - Pharma. Organic Chemistry (POC) (vi)

Dr. Ladva proposed that the college has not received any funds from UGC for B.Voc programme beyond the 1st installment. Similarly the M.Sc. POC programme was started under UGC's Innovative Assistant Program in 2012, for which the tenure was of 5 years. Moreover the Trust have some other developmental plans to implement instead of continuing M.Sc. POC programme.

Hence, the Trust had decided that in view of the above, admission to the above B.Voc. programmes & M.Sc. Pharma. Organic Chemistry (POC) Programme be not made for A.Y. 2018-2019.

However, the students of the above programmes admitted in A.Y. 2016-2017 and 2017-2018 would continue their course of study until completion under the autonomous college.

Dr. K. D. Ladva, Chairperson of the Academic Council, moved the resolution 8.1 to 8.3 and the same was approved by the members and seconded by Prof. S. K. Vaidya.

Adjournment

Dr. K. D. Ladva adjourned the meeting after Vote of Thanks, proposed by Dr. S. J. Shah.

I/C Principal

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