



19th ANNUAL REPORT OF ISTAR (2017-18)

- **Good Afternoon Everybody...!**
- Honorable Er. Shri Bhikhubhai Patel Sir, President of today's function and Hon'ble Chairman of Charutar Vidya Mandal.
- Dr. K. Rathnam, Chief-Guest of today's function & Managing Director, Amul, Anand.
- Shri Manish Patel Sir, Guest of Honor and Vice-President, Charutar Vidya Mandal.
- Dr. S.G. Patel Sir, Hon. Secretary of CVM.
- Dr. Nikil Zaveri Sir, Director General of CVM.
- Students Council Members on the Dias: Mr. Rupesh Shah, Vice President of Central Committee, and Mr. Umang Panchal, GS.
- Respected M.J. Patel Sir, V.M. Patel Sir, B.P. Patel Sir, Hon. Jt. Secretaries of CVM.
- Esteemed Directors and Principals of CVM Institutes.
- Distinguished Guests, Staff Members, Parents, and my Dear Student friends.
- **ONCE AGAIN VERY WARM WELCOME TO YOU ALL...!**
- **Aristotle, The Father of Biology**, said *"The roots of education are very bitter, but the fruits are so sweet"*.

At the outset, I have a great pleasure and honor to being here to present **Annual Report for the Year 2017-18** as a I/C Principal.

- ISTAR is **"A" Grade Institution**, accredited by **NAAC and KCG**. ISTAR is not yet another science college but it is applied, job-oriented and technical institute, exclusively offering **12 Post Graduate Programs, Ph.D Studies in Five Subjects and Two Institute level Add-on Courses** like:
 - *One year P.G. Diploma in Geoinformatics*

- *Three Months Certificate Course in Quality Assurance in Pharma Industry*
- Besides, M.Sc. in IHS, M.Sc. in Valuation Real Estate, M.Sc. Plant and Machinery, PST and SCT Programs conducted by ISTAR are unique in entire Country and other courses like IC, EST, Instrumentation, and Control, GIS, are rare in nature. We are pioneer in starting these courses.
- Only ISTAR has GIS skilled faculty and acquired GIS lab facilities among SPU affiliated colleges.
- **Faculty Team:** ISTAR faculty team comprises of a small number of **25**, but they are well qualified and experienced in diverse domains. Among permanent faculty, **70% are holding Ph.D.** and Four are pursuing.
- This year, **Dr. Himanshu Kapse** confirmed Ph.D. Guideship in Electronics Subject, **Dr. Niky Jain** honored by Ph.D. Degree in Computer Science, while **Ms. Suchita Patel** submitted thesis and **Ms. Dhruvi Patel** submitted Ph.D. synopsis.
- Nidhi Parmar, Rohit Bhoi, Hiral Soni, Megha Barot received Ph.D. under my guidance in ES and BT, whereas Sagar Joshi and Ravikumar submitted synopsis in Chemistry under Dr. M.M. Raj.
- Moreover, around **60 Guest Faculty Members** are also associated with ISTAR for academic support to impart quality teaching with latest and advanced technologies in various disciplines.
- ISTAR's first **e-NEWSLETTER (INSPIRE)** to be edited by **Dr. Hiren B. Soni** and his team will release it from April, 2018.
- During this year, ISTAR faculty members have delivered **38 Expert Talks** and have attended **31 Seminars/Conferences**. Students have attended **15 Seminars & Conferences**.

RESEARCH AND CONSULTANCY

- One Ongoing Research Project is being carried out by **Dr. Nirmal Kumar, J.I.** worth of **Rs. 12.30 Lakh** and another by **Dr. Jigar Patel** worth of **Rs. 2.50 Lakh** sponsored by UGC.
- **Dr. Kalpesh Patel** (SCT) and **Dr. M.M. Raj** (PST) received **Rs. 2.25 Lakh** and **Rs. 40,000**, respectively, towards Analytical Services and Consultancy.

- SCT Department received **Rs.1.50 Lakh** towards Industry Sponsored Training.
- Faculty members have published 45 Research Papers in National and International reputed journals during this academic year.
- As per the NAAC suggestion, ISTAR organized Three Day Training Program on **“Becoming Effective Classroom Practitioners”** for teaching staff members, Similarly, ISTAR arranged Lectures on **“Stress Management and Relief”**, for teaching and non-teaching faculty of ISTAR.
- **14 out of 25** Faculty Members are in **Board of Studies (BOS)** in S.P. University and contributing in curriculum development and program restructuring. Due to their contribution and initiatives, new syllabus is introduced in all M.Sc. courses in last year, while in M.Sc. IHS and M.Sc. Valuation, new syllabus is implemented from 2017 June onwards.
- **Dr. Jigar Patel** from IC Department has been selected as **Senate Member** of S.P. University for this term.

Student Strength: We have total **664 students** in I and II year, against 600 students in last year with **15 Ph.D. Scholars**.

TEACHING MODEL

- In addition to regular class room teaching – co-curricular activities like seminars, workshops, expert talks, alumni talks, training, project work, industrial visits and study trips are regularly conducted by all departments as an integral part of our Teaching Model.
- For cultivating right attitude and soft skill development, linkage is established with **Globarena (Hyderabad)**.
- Various departments of ISTAR conducted extracurricular activities like Janmashtami celebrations, Independence Day, “Ratri Before Navratri”, Ganpati Festival, Alumni Meet & Alumni Felicitation, Christmas Celebrations, Ozone Day Celebrations, Kite Competition, World Environmental Day, World Wetland Day, World Photography Day, National Safety Day, Science Day, Open House, and undergraduate student counseling.

- ISTAR organized **38 Seminars, 50 Expert Talks and 27 Industrial Visits** and study trips as a part of effective teaching and learning process and many departments are organizing **WEB Seminars**.

PHYSICAL INFRASTRUCTURE

- We have **21 Labs**, All Class Rooms are **ICT enabled**, Campus is **Wi-Fi enabled**, Library is enriched with **DELNET**, books, reference books and journals. Times to time facilities are upgraded with the support of CVM. Online Students Feedback System and online students attendance is maintained.
- ISTAR also applied **NIRF (National Institution Ranking Framework) & AISHE** All India Studies for Higher Education.
- ISTAR participated in S.P. University inter-collegiate tournaments in Table Tennis, Volleyball, Football, Badminton, Judo, and Cricket, and also organized inter-class tournaments in same events.
- The details of Sports, Co-curricular, Extension & NSS Activities of students are provided in **Galaxy-2018**, an **Annual Collage Magazine** to be released today.

EXTENSION ACTIVITIES

- 98 students have donated blood to Indian Red Cross Society, Anand.
- 294 students have undergone Thalassamia test by Indian Red Cross Society, Ahmedabad. CVM and Lioness Club of Anand supported the financial assistant for this event.
- Lectures were organized on **“Gender and Nutrition”** and **“Indian Constitution and Democracy”** to extrapolate social and ethical values in present day.

INSTITUTE ACHIEVEMENTS

- 12 ST students received about Rs.12.25 lacs as a Scholarship for the year 2016-2017, from Gujarat Government, Gandhinagar.
- Two students received Direct fellowships from DST, New Delhi in PST Department under the guidance of Dr. M.M. Raj.

- Two of the Ph.D. students under Prof. Nirmal Kumar, J.I, pursuing research work for six months in AIST, Japan upto 2020.

Honorable Bhikubhai Patel Sir, I bring to your kind notice that ISTAR conducted **Three National Level Seminars** by IC, EST and Valuation Departments, and **One International Seminar** organized by MIHS Department during January and February 2018 .

STUDENT SUPPORT AT ISTAR

- AIST, JAPAN Scholarship of **1.0 Lakh Japanese Yen** received by 2 Ph.D. Students of EST department.
- Asian Paints Scholarship of **Rs. 51,800** given to 5 students of SCT department.
- Lupin Scholarship of **Rs. 30,000** presented to One student of IC department.
- MISA Scholarship of **Rs. 20,000** confirmed to Two students of IC department.
- Aurbindo Mataji Merit Scholarship amount of **Rs. 36,000/-** for the year 2017-18 given to Five students.
- SICART instrumental training is provided for M.Sc. Students of IC, SCT, PST, OC, MIHS and EST department.

ACADEMIC ACHIEVEMENTS OF STUDENTS (NAAC SUGGESTION)

- **8 Students** have bagged **Gold Medals in S.P. University** examinations for the year 2016-17. Congratulations to all students and department staff. Give them a big round of applause.
- **Ms. Dipa and Pooja**, Ph.D. Students of EST Department received free-ship worth of **Rs. 6.0 Lakh** for their stay, food and lab fees and cash amount of **Rs. 2.0 Lakh** for field visit from AIST, JAPAN.
- **Dr. Hiral Soni**, Ph.D. Student of EST Department bagged 2nd prize, cash amount of **Rs. 5,000/-** for Best Ph.D. thesis on Industrial Research and Academia from Gujarat Cleaner Production Center, Gandhinagar in February, 2018.

Result & Placement: Result and placement track record of ISTAR is Excellent.

- **100% results** with **more First Classes and Distinctions** in all 10 departments but in OC 96% and MCA 75%.
- **Placement of 2016-17 Batch:** 100% in Chemical Sciences - IC, SCT, PST, OC, MVAL and MIHS, whereas 75-80% in other departments - EST, Instrumentation, and IT. Congratulations to all department staff for putting painstaking efforts. Put your hands together.
- I am happy and glad to say that this year, 8 students of SCT got placement in Spectrum Industries LLC, Dubai, UAE.

Respected Bhikubhai Patel Sir, ISTAR is not only imparting quality education but also providing technical skills, training , placement and absolute results, this would further fulfill the desire, wish and need of the students, who have kept faith and trust on us. On behalf of ISTAR family I assure you Sir that the faculty members would strive to succeed new horizons and vistas to prove one of the brightest stars in the galaxy of Education at global level.

- My dear Final year students, wherever you are, whatever you are, the departments are welcoming you, you can come at any time and encourage, ignite, dissipate knowledge and share your experience to your juniors as alumni members. My Best wishes and good luck in advance to all senior students completing their study from ISTAR and I wish you all the best to all I and II year students in your ensuing university examinations.
- **May God bless you all and God be with you forever and ever...!**
- Thank you All for patience hearing...!
- **Jai Hind...!**

Presented by:
Prof. Nirmal Kumar, J.I.
Principal, ISTAR