

## 7.2.1\_SIDTM\_Best Practices\_2018-2019

### Index

1	Prevision'19 SITM's Annual Telecom Forecast
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1.1 **Best Practice: #1-** Title of the Practice: Prevision'19 SIDTM's Annual Telecom Forecast''

- 1) Objectives of the practice: Annual Telecom Forecast Magazine is in its 16<sup>th</sup> year, initiated in the year 2003 to provide the industry a neutral and insightful point of view regarding the emerging trends in the telecom sector for the forthcoming year. The objective is to create an industry neutral forecast which is needed by industries, academicians, and researchers for future guidance. The forecast is based upon the adoption of methodology such as statistical models. It provides the students with a platform to understand the linkages between theoretical learning and dynamic industry trends.
- 2) The Context: Prevision encompasses the forecast of various parameters of the telecom industry to identify, highlight, and understand significant changes in the telecom ecosystem. The forecast is made about the current emerging market trends in the telecom sector for the forthcoming year. To ensure quality and accuracy of predictions, the process streamlining for Prevision is supervised by Deloitte Haskins & Sells LLP. Prevision is a culmination of the collective endeavor of SITM students, SITM faculty, and industry experts with 2000-man hours of efforts put in by them.
- 3) The Practice: Prevision encompasses the forecast of various parameters of the telecom industry to identify, highlight, and understand significant changes in the telecom ecosystem. It is the only effort of its kind in the telecom domain being attempted by a business school, which provides comprehensive coverage over various domains in the telecom sphere. It is an annual exercise and is well received among industry experts. Statistical-factor analysis, inputs from the faculty, SITM alumni base, and the industry experts, predictions are made about the market trends in the telecom sector for the forthcoming year.
- 4) At the data analysis stage, the 2nd year students get an opportunity to assimilate knowledge from statistics, technology, and experiential learning gained during their summer internships. Whitepapers, written by the students at the end of the second stage are reviewed by some of our Alumni, SITM faculty & Industry mentors from Deloitte Haskins & Sells LLP.
- 5) Evidence: The forecast is well accepted in the industry and academicians. It is extremely important for higher education and decision making in the industry. In the

process of finalization of Prevision every year, the students of SITM are involved. Every year a special feature is added with all aspects of information and forecast related to that area. The Prevision is completed and presented in September every year. A copy of the same is available on the SITM website.

- 6) Following verticals are covered in Prevision: Global Telecom World Penetration Rate, Technology Rollouts, Regional Analysis Indian Telecom Tele-density, Subscriber Base, Market Dynamics, New Technology Analysis Mobility ARPU, Penetration, Voice & VAS Broadband Penetration, Access, Broadband market analysis Telecom Technologies Core, Access, Transmission analysis, and Application Telecom Software Billing, Revenue Assurance, Fraud Management, Security Communication Infrastructure Fixed and Mobile Infrastructure, Green Infrastructure, Active/Passive infrastructure sharing Consumer Electronics Growth and Trend in handheld electronics and mobile devices Special Feature Digital Transformation.
- 7) Outcome: Evidence of Success: 88% accuracy of the forecast. The outcome of this practice is that the Prevision research process aids:
  - i. The students can understand the effect of macro-economic, technological & regulatory factors on the telecom industry in India as well as the world. The entire process of preparing Prevision includes students of SITM
  - ii. Aids the industry as the accuracy of prediction is based upon the tools used and input data has been about 80% since its inception.
  - iii. This is a networking platform to involve the Students, Alumni, and the Industry with consultants Deloitte Haskins & Sells LLP on a professional engagement.
  - iv. The Process Reviewed and Streamlines by Deloitte Haskins & Sells LLP
    - o “Obstacles faced
- 8) Obstacles faced if any and strategies adopted to overcome them: One of the key problems is the lack of adequate and relevant data on the independent variables that influence the predicted values. To overcome this, we refer to multiple informal data sources and draw commonalities and then proceed with the data for analysis. Since the last two years, SITM students have conducted interactions with subject matter experts from academia and industry. This helps us in identifying qualitative factors and has helped us to improve the accuracy of our predictions. For the past few years SITM had limitations of IT resources and statistical packages for data analysis; however, with

the setting up of the IBM Lab and the use of open-source tools such as R this limitation has been overcome.

9) Impact of the practice: The Prevision is very successful in terms of its acceptance from industry and academicians. SIDTM has contributed to knowledge generation and dissemination. The Prevision team is headed by Prof. Giri Hallur and the team was asked to make presentations on this by reputed industry organizations.

- This activity helps students to stay updated with the latest industry happenings and statistical tools.
- SITM publishes more than 500 copies to be distributed to all. Apart from this, it is available on the website of SITM. The accuracy of the prediction made in Prevision is improving every year. The accuracy of predictions and acceptance from academicians and industry indicates its success over 16 years.
- Resources required: Efforts and time required to manage all activities. (ii) IT and analytics software packages, faculty, alumni students with required skill sets, budgetary support, and Networking efforts with external agencies and consultants Deloitte Haskins & Sells LLP.

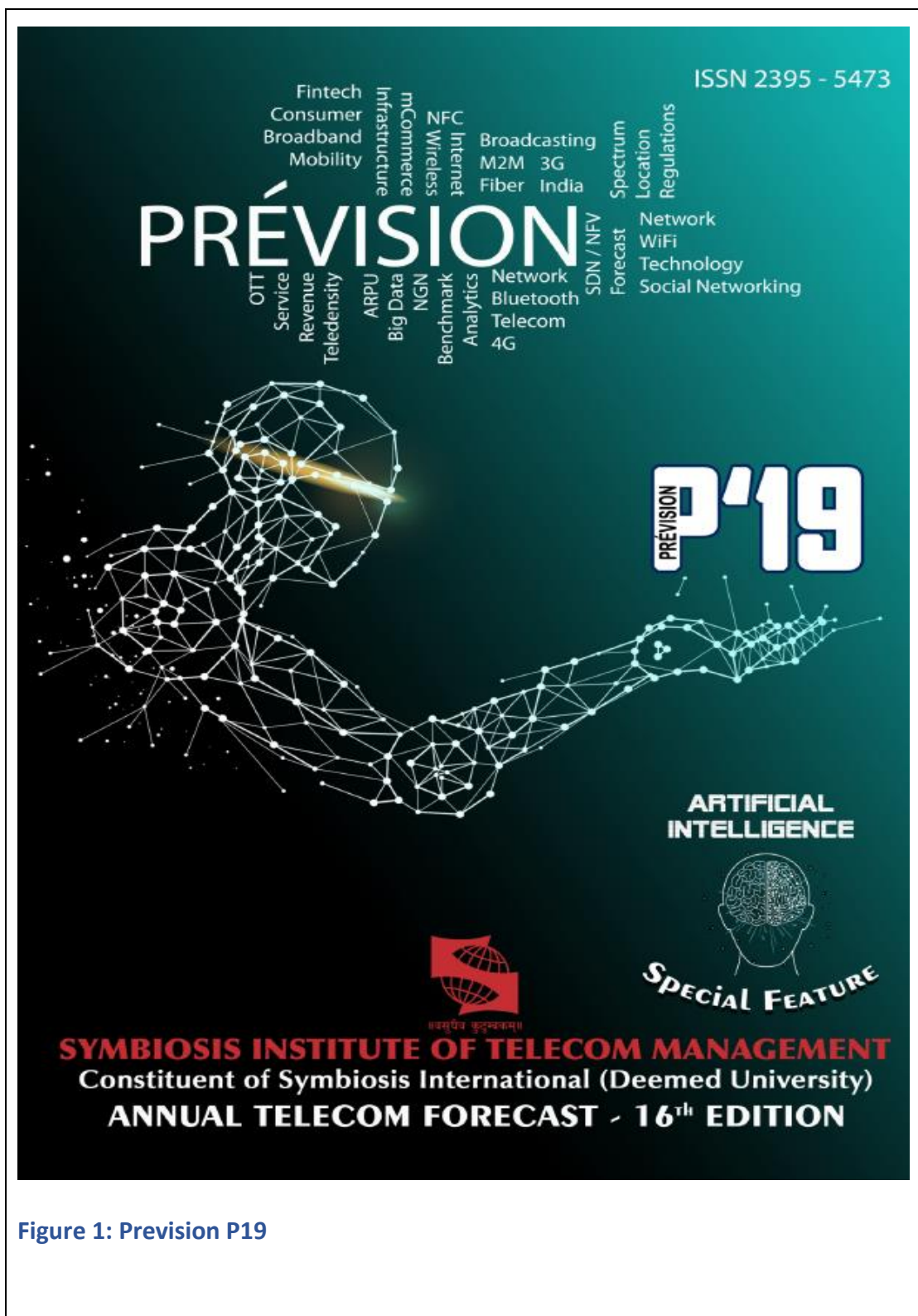


Figure 1: Prevision P19

## 7.2.1\_SIDTM\_Best Practices\_(2)\_2018-2019

### Index

2	“Well for Life” Fitness Program is designed for the first-year student by SSSS
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1.2 **Best Practice 2 #2:** Title: Well for Life” Fitness Program is designed for the first-year students and offered by Symbiosis School of Sport Sciences (SSSS)

- 1) **Context:** Learning is holistic involving the mind, body, and spirit. Physical health is also a major contributor to wellbeing and holistic development. The efficacy of experiential learning strategies has been well demonstrated and documented (Holman & McAvoy, 2005).
- 2) **Objectives** SITM along with SSSS implemented a fitness program for first-year students where every student took part in various fitness activities twice a week. They were offered different methods to attain fitness.

Learning objective and outcome (S)

- i. Acquire knowledge and skills for life long participation in physical activity
  - ii. Achieving optimum health benefits through fitness activities and games
  - iii. Improving the quality of life through the practice of yoga & meditation
  - iv. To improve physical and mental well-being.
- 3) **The Context:** For the foundation of physical activity for the benefit of mental health and overall development it has a major share in fitness and health. Vedic study of yoga as well from our cultural roots we know that physical health is a major contributor towards wellbeing and holistic development. Current evidence on the clinical effects of yoga interventions on various components of mental and physical health
  - 4) **Practice:** Regular Sports activity, Gym or floor exercises or machine workouts, Walks, Brisk walks, Jogging aerobic exercises, Swimming and Yoga are forms of exercises that have been identified by SSSS for the students of the first year. The frequency has been set to 2 days a week. SSSS offers the platform and the expertise to assist and conduct this activity as a member of the Symbiosis fraternity.
    - Cardio (Walking, Running, Cycling, Swimming)
    - Circuit training
    - Core Strengthening
    - Zumba
    - Box-exercise
    - Bollywood
    - Masala Bhangra

5) Evidence of Physical Activity Tracking: Students will be tracking their physical activity with pedometers, accelerometer, or mobile apps which will sense their body motion and count their footsteps. Yoga & Meditation: Surya Namaskar – 3 rounds, Relaxation in Savasana – 2-3 min, One Spinal Twisting Asana – 5 rounds, Nadi Shodhan Pranayama – 5 rounds, Meditation on the theme of “Vasudeva Kutumbakkam” - 3 min). Success: Student feedback at a good percentage has benefited. The program will commence in July. Credit Orientation and Awareness Session will be conducted. The sessions will be conducted for 11 weeks (approx.). Commencing in the 4<sup>th</sup> week of July & ending in the 1<sup>st</sup> week of October (tentative).

- Students missing out of the session due to non-medical reasons will have to compensate for the session with the other group for completion of their credit hours.
- Students not well/injured and unable to do physical activity have to be present and observe the sessions.
- Students who are unable to perform physical activity will be assigned appropriate tasks during the session by the instructor.
- Students need to attend the sessions strictly in sports attire.

Problems Encountered and Resources Required: Willingness and lethargy from the student's ends.





## Best Practice 2: (Proof)

### Well for Life program for SITM 2018-19

No of Hours: 30

Time: 7:30 to 8:30 am

No. of weeks: 12

Twice a week

1 hour Session

Activity: football= 8, basketball= 8, fitness= 8, volleyball=9, yoga=7, Gym= 6, orientation 1,

Total =**45 Sessions**

150/3= 50 in one group

January 2019

Week	Date	Day	Activity	Addressee	Group
1	7 <sup>th</sup> Jan 2019	Monday	Orientation	Wasim, Nirmal, Beulah, Anthony	ALL 150 students
1	11 <sup>th</sup> Jan 2019	Friday	Gym	RWC	Group 1
			Yoga	Pandey Sir	Gr 2
			Volleyball	Beulah Mam	Gr 3
2	14 <sup>th</sup> Jan 2019	Monday	Yoga	Pandey Sir	Group 1
			Volleyball	Beulah Mam	Gr 2
			Gym	RWC	Gr 3
2	17 <sup>th</sup> Jan 2019	Thursday	Volleyball	Beulah Mam	Group 1
			Gym	RWC	Gr 2
			Yoga	Pandey Sir	Gr 3
3	21 <sup>st</sup> Jan 2019	Monday	Fitness	Nirmal Sir	Group 1
			Basketball	Anthony Sir	Gr 2
			Football	Wasim Sir	Gr 3
3	24 <sup>th</sup> Jan 2019	Thursday	Basketball	Anthony Sir	Group 1
			Football	Wasim Sir	Gr 2
			Fitness	Nirmal Sir	Gr 3
4	28 <sup>th</sup> Jan 2019	Monday	Gym	RWC	Div A
			Yoga	Pandey Sir	Div B
4	31 <sup>st</sup> Jan 2019	Thursday	Yoga	Pandey Sir	Div A
			Gym	RWC	Div B

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**Figure 2: Time table and various activities Mapping**

TIME TABLE OF SYMBIOSIS INSTITUTE OF TELECOM MANAGEMENT														
MBA (TM) - I (Semester 2) - SYST & MKTG & Analytics (Batch 2017-2019) W.E.F. 27th Nov. 2017														
DAY	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
Date	27/11/2017		28/11/2017		29/11/2017		30/11/2017		01/12/2017		02/12/2017		03/12/2017	
Time	Div. A	Div. B	Div. A	Div. B	Div. A	Div. B	Div. A	Div. B	Div. A	Div. B	Div. A	Div. B	Div. A	Div. B
8-9:30 a.m.	Convergence of Telecom Network Dr. Giri Halbur			Database Technologies Prof. Yatin Jog			Information Storage Mgmt. Prof. Yatin Jog		Information Storage Mgmt. Prof. Yatin Jog			Project Mgmt. Dr. T. Ganguli	Project Mgmt. Dr. T. Ganguli	
9:30-11a.m.	Telecom Network Mgmt. Prof. A. Aslekar	Wireless Tech. Prof. Vijayalaxmi C.	Governance Risk and Compliance Dr. P. Damie	Wireless Tech. Prof. Vijayalaxmi C.	Convergence of Telecom Network Dr. Giri Halbur		Convergence of Telecom Network Dr. Giri Halbur	Customer Relationship Management Rohitash Goyal		Convergence of Telecom Network Dr. Giri Halbur		Visual Analytics Prof. S. Mahabadi	Project Mgmt. Dr. T. Ganguli	Project Mgmt. Dr. T. Ganguli
11:15-12:45 p.m.	Wireless Tech. Prof. Vijayalaxmi C.	Mgmt. Accounting Prof. Prasanna Kulkarni	Wireless Tech. Prof. Vijayalaxmi C.	Intro. To Business Intelligence Prof. A. Aslekar	Information Storage Mgmt. Prof. Yatin Jog	Governance Risk and Compliance Dr. P. Damie	Mgmt. Accounting Prof. Prasanna Kulkarni	Strategic Mgmt. Dr. S. Joshi	Entrepreneurship - Dr. Saket Gochhait		Sales Force & Channel Mgmt. Dr. Sandeep Prabhu		Project Mgmt. Dr. T. Ganguli	Project Mgmt. Dr. T. Ganguli
<b>12.45 to 1.45 p.m. Lunch Break</b>														
1:45-3:15 p.m.	Mgmt. Accounting Prof. Prasanna Kulkarni	Entrepreneurship - Dr. Saket Gochhait	Intro. To Business Intelligence Prof. A. Aslekar	Product Mgmt. Dr. Tripti Dhote	Intro. To Business Intelligence Prof. A. Aslekar	Strategic Mgmt. Dr. S. Joshi	Strategic Mgmt. Dr. S. Joshi	Mgmt. Accounting Prof. Prasanna Kulkarni	Product Mgmt. Dr. Tripti Dhote	Entrepreneurship - Dr. Saket Gochhait		Project Mgmt. Dr. T. Ganguli	Project Mgmt. Dr. T. Ganguli	
3:30-5 p.m.	Entrepreneurship - Dr. Saket Gochhait	Integrated Mktg Communication Dr. Tripti Dhote	<b>Sports Activity @ SIU sports ground (SSSS)</b>		Strategic Mgmt. Dr. S. Joshi	Intro. To Business Intelligence Prof. A. Aslekar		Integrated Mktg Communication Dr. Tripti Dhote	<b>Sports Activity @ SIU sports ground (SSSS)</b>			Micro Economics for Managers Vasundhara Sen		Weekly Off
5:15-6:45p.m.														

TIME TABLE OF SYMBIOSIS INSTITUTE OF TELECOM MANAGEMENT															
MBA (TM) - I (Semester 2) - SYST & MKTG & Analytics (Batch 2017-2019) W.E.F. 19th Feb. 2018															
DAY	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		
Date	19/02/2018		20/02/2018		21/02/2018		22/02/2018		23/02/2018		24/02/2018		25/02/2018		
Time	Div. A	Div. B	Analytics	Div. A	Div. B	Analytics	Div. A	Div. B	Div. A	Div. B	Analytics	Div. A	Div. B	Div. A	Div. B
8-9:30 a.m.														Project Mgmt. Dr. T. Ganguli	Project Mgmt. Prof. Masekand Haridas
9:30-11a.m.	Wireless Tech. Prof. Vijayalaxmi C.	Product Mgmt. Dr. Tripti Dhote		Convergence of Telecom Network Dr. Giri Halbur	Visual Analytics Prof. S. Mahabadi (8 am to 12:45 pm)	Advanced Business Communication Co Suni Brinjikhan		Telecom Network Mgmt. Prof. A. Aslekar	Customer Relationship Management Prof. Madhav Damis		Visual Analytics Prof. S. Mahabadi (8 am to 12:45 pm)	Test - GRC - 9:30 am to 10 am and MA-10 to 10:45 am		Project Mgmt. Dr. T. Ganguli	Project Mgmt. Prof. Masekand Haridas
11:15-12:45 p.m.	Product Mgmt. Dr. Tripti Dhote	Wireless Tech. Prof. Vijayalaxmi C.			Integrated Mktg Communication Dr. Tripti Dhote						Information Storage Mgmt. Prof. Yatin Jog	Sales Force & Channel Mgmt. Dr. Sandeep Prabhu	Data Mining Dr. Parag Patil	Project Mgmt. Prof. Masekand Haridas	Project Mgmt. Dr. T. Ganguli
<b>12.45 to 1.45 p.m. Lunch Break</b>															
1:45-3:15 p.m.				TEST - IBI (Written Test) - 2:30 to 3 pm and CoTN - 3pm to 3:30 pm			Trends in e-Learning: Impacts of Social Mobile Technologies on Information Behavior, Formal Learning and the Educational Model. (1 pm to 3 pm) (ABC Co. Suni Brinjikhan)				Telecom Network Mgmt. Prof. A. Aslekar	Sales Force & Channel Mgmt. Dr. Sandeep Prabhu	Predictive Business Analytics in Telecom <b>(Test) - 2 to 3 pm</b>	Project Mgmt. Prof. Masekand Haridas	Project Mgmt. Dr. T. Ganguli
3:30-5 p.m.	Health Education Programme for college students by SICH team @ Bhaaskarshaya - 2:30 pm to 6:30 pm	Visual Analytics Prof. S. Mahabadi (1:45 PM TO 6:45 PM)		<b>Sports Activity @ SIU sports ground (SSSS)</b>		Project Mgmt. Dr. T. Ganguli	Financial Management Prof. Chitren Vaidyana				Project Mgmt. Dr. T. Ganguli				
5:15-6:45 p.m.				Macro Economics for Managers Prof. Vasundhara Sen (5:15 to 8:30 pm)			Project Mgmt. Dr. T. Ganguli		Macro Economics for Managers Prof. Vasundhara Sen (from 3:30 pm to 8:30 pm)			Project Mgmt. Dr. T. Ganguli			
7-8:30 p.m.															

Note : 1. Any Changes in the Time Table will be displayed on the Notice Board. 2. Class Representatives of both the Divisions will meet Co-ordinator Every Day during the breaks



