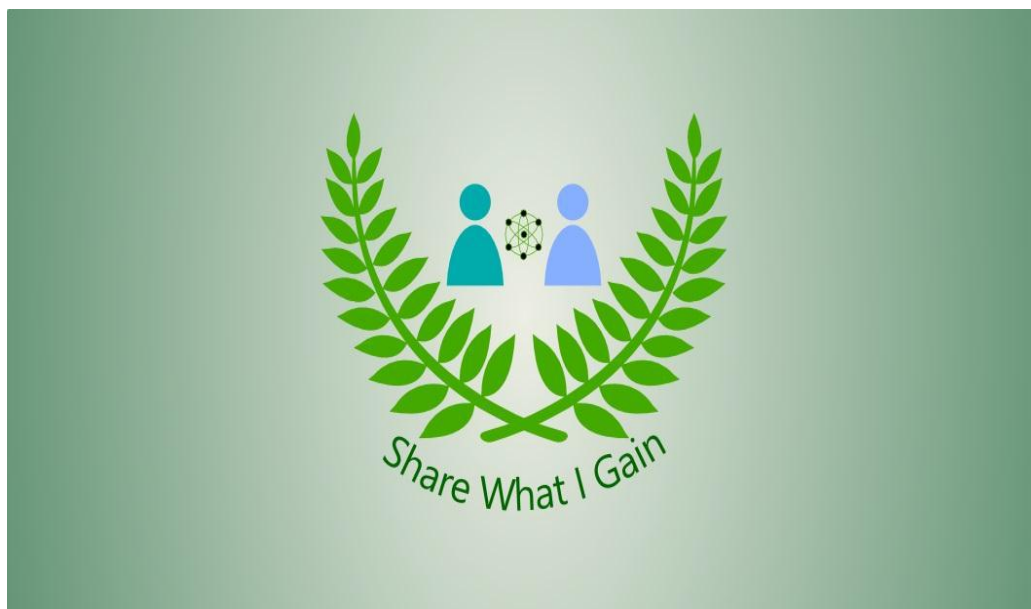




**Sarvajanik Education Society  
Sarvajanik College of Engineering & Technology  
Computer Engineering Department**



**A Report on Interaction with Alumni  
Organized by  
Computer Engineering Department**

**Co-ordinated by  
Prof. Bintu Kadhiwala  
Prof. Jaydeep Barad  
(SCETAA Representative, Computer Engineering Department)**

**Alumni  
Er. Kumar Mandlaywala  
On  
24<sup>th</sup> July, 2017**

Computer Engineering Department had organized a session on "**Precision Farming**" for the B.E. Computer final year students on 24 July, 2017 initiated by SCET Alumni Association under the banner of "**Share What I Gain**".

The motive of the talk was to gain knowledge about current trends in IT Industries and Precision Farming and also to motivate the students to achieve their career goals in the said field. Around 86 students of final year Computer Engineering (shift-1 and shift-2) had attended this session.

### **About the Alumni:**

The brief profile of the speaker is as follows:

BE in I.T. Engineering from SCET (2006 pass out)

PG Diploma in I.T. from Symbiosis (Distance Learning)

Also, he is currently working as a Lead Engineer in John Deere company since from last 1 year 6 months. He has having total experience of more than 11 years and worked with companies like pronto, iGate-Patni and HCL.

His expertise is as follows:

- Extreme Programming
- Agile Methodologies
- C++
- Unix

### **Highlights of the interaction:**

- **An insight into his journey from SCET to his current profile and important pointers for the students to improve their performance in interviews**
  - He shared his experience and his journey in the IT industry. He also emphasis on adopting coding standard in the institute. Such kind of

practices will help students to improve their coding skills.

- He suggested students to work on interdisciplinary projects as per the trends in Industry and also to manage project in proper manner.
- He advised to use repositories like GitLab, Mercurial which can be helpful to provide continuous integration with respect to project.
- Furthermore, the speaker had very enthusiastically discussed fundamental things that students should keep in mind for succeeding in their field of study.

- **Precision Farming and Test Driven Programming**

- The speaker further talked about **Extreme Programming** that is nowadays very popular way of implementing project in MNCs.
- The emphasis on **Testing before coding** (the important feature of Extreme Programming) is suggested by him. For the same, he has given demonstration of Google Test Framework. He suggested the students to use this feature in their final year project.
- The Alumnus is currently working on Touchscreen display of Tractors. The patent for precision navigation ahead of Google or Tesla is also filed by the company.
- He had also explained the need of precision based navigation for tractors in Farm. With respect to precision, he has explained the **RTK (Real Time Kinematic)** technology, which can be used to achieve precision upto 1 inch for tractors on farm sites.
- In addition, he had discussed different technologies (with the help of youtube videos) that can be used for efficiently spraying of fertilisers in the farm and also the different analysis to optimize the profit.

**Some glimpses of the interaction are as follows:**





# Attendance Sheet:

## Sarvajani College of Engineering and Technology COMPUTER ENGINEERING DEPARTMENT

Share What I Gain Series Expert Talk  
on

" Precision Farming "

Date : 24/7/17 Delivered By : Kumar Mandaywala

### Attendance Sheet

Sr. No.	Enrollment no.	Name	Class	Shift (I or II)	Sign
1	140420107548	Megh G. Sethi	B.E. IV, CO	II	Megh
	140420107559	Parag P. Bhagat		II	Parag
	140420107511	Sunil Goshal		II	Sunil
	140420107502	Akshar Parikh		II	Akshar
	140420107557	Parth Vyas		II	Parth
	140420107552	Hrush Tumbakwala		II	Hrush
	140420107504	Hiren Champanesia		II	Hiren
	140420107512	Jay Gandhi		II	Jay
	140420107525	Manthan More		II	Manthan
	140420107526	Utsav More		II	Utsav
	140420107503	Pratik Barvaliya		II	Pratik
	140420107544	Jyotesh Sanghani		II	Jyotesh
	140420107514	Rahul Kachhadia		II	Rahul
	140420107527	Yashwin Mamsadwala		II	Yashwin
	140420107506	Nidhi Desai		II	Nidhi
	140420107522	Sejal Maurya		II	Sejal
	140420107510	Vaibhavi Garkhali		II	Vaibhavi
	140420107518	Riya Kothawala		II	Riya
	140420107508	Divya Agarwal		II	Divya
	140420107542	Hemshil Sakadkar		II	Hemshil
	140420107505	Rakshit Datta		II	Rakshit
	140420107523	Rajvi Mehta		II	Rajvi
	140420107521	Lal Harnisha		II	Lal

Sr. No.	Enrollment no.	Name	Class	Shift (I or II)	Sign
140420107532		Vishwa H. Parmar	co-eve	II	Vishwa
140420107531		Megha Parmar	Co-eve	II	M.S. Rao
140420107528		Esha Naik	co-eve	II	Esha
150423107502		Jasmita Prajapati	Co-eve	II	Jasmita
140420107537		Pavitra Thacker	Co-eve	II	Pavitra
140420107533		Sanchi Agarwal	"	"	Sanchi
140420107019		Abhishek Haksar	Co-mon	I	Abhishek
140420107516		Karan Arora	co-eve	II	Karan
140420107507		Dhanya Patel	co-eve	II	D.C. Patil
140420107539		Dakshita Reebadiya	Co-eve	II	Dakshita
140420107555		Nikita Vagharia	co-eve	II	Nikita
140420107547		Shaukh Uzma	co-Eve	II	Uzma
140420107529		Naik Kejal	co-eve	II	Kejal
150423107008		Gaurav M. Parekh	Co-m	I	Gaurav
150423107002		Krutika T. Chasiya	CO-M	I	K.T. Chasiya
150423107003		Gayatri Swati A.	CO-M	I	Gayatri
150423107012		Sabuwali Daushti m.	CO-M	I	Sabuwali
140420107066		Zinzuvadiya Milan V.	CO-M	I	Milan
140420107012		Dhameliger Vatsal N.	CO-M	I	Vatsal
140420107059		Tusara Vimal R.	CO-M	I	Vimal
150423107011		Rishmaudha pooja S.	CO-M	I	Pooja
150423107009		Rishma Riddhi	CO-M	I	Riddhi
140420107015		YAZADhumasira	CO-M	I	Y.A.D.
140420107039		Swapnil Patel	CO-M	I	S.P. Patel
140420107055		Solanki Viral R.	CO-M	I	Viral
140420107014		Dudhwala Pranay K	CO-M	I	Pranay
140420107036		Patel Riya A	CO-M	I	Riya
140420107031		Patel Hani P	CO-M	I	H.P. Patel
140420107029		Parmar Shweta K	CO-M	I	Shweta
140420107003		Bapatara Kinjal R	CO-M	I	K.R. Bapatara
150423107013		Sanyasi Renuk	CO-M	I	Renuk



Sr. No.	Enrollment no.	Name	Class	Shift (I or II)	Sign
150423107005		Murwari Renit	CO-M	I	<del>Renit</del>
140420107009		Chanchal Bahety	CO-M	I	<del>Chanchal</del>
140420107044		Dheuti Rathod	CO-M	I	<del>Dheuti</del>
140420107013		Shah Drashti	CO-M	I	<del>Shah</del>
140420107041		Pragapati Maithilee	CO-M	I	<del>Pragapati</del>
140420107042		Pragapati Vandana	CO-M	I	V.R. Pragapati
140420107524		Ashmi Mewawade	CO-E	II	<del>Ashmi</del>
140420107530		Pankti Joshi	CO-E	II	<del>Pankti</del>
140420107529		Kuldeep Kumar Solanki	CO-E	II	<del>Kuldeep</del>
15042307007		Tiatha J. Modi	CO-M	I	<del>Tiatha</del>
140420107520		Sriram Kusuma	CO-E	II	<del>Sriram</del>
130420107512		Vibhuti Chaudhari	CO-M	I	V.K. Chaudhari
140420107051		Sheladice Rishi R	CO-M	I	<del>Sheladice</del>
140420107058		Bapna Tamvi	CO-M	I	<del>Bapna</del>
140420107020		Jaswala Bharmika	CO-M	I	B.V. Jaswala
140420107037		Patel Shivani. H	CO-M	I	<del>S.H. Patel</del>
140420107554		Omrigar Sandhya B	CO-E	II	<del>Omrigar</del>
140420107553		Thalke Manushi	CO-E	II	<del>Manushi</del>
140420107517		Krisha Chumbhadiya	CO-E	II	<del>Krisha</del>
150423107503		Komal Rangornwala	CO-E	II	<del>Komal</del>
130420107534		Kenali Narek	CO-E	II	<del>Kenali</del>
140420107047		Shah Dang	CO-M	I	<del>Shah</del>
140420107063		Virek Kumbhar	CO-M	I	<del>Virek</del>
140420107064		Surya Yadav	CO-M	I	<del>Surya</del>
140420107050		Kunal Sharma	CO-M	I	<del>Kunal</del>
140420107054		Pranful Solanki	CO-M	I	<del>Pranful</del>
140420107053		Sejitra Vishal	CO-M	I	<del>Sejitra</del>
150423107004		Rheni Mittal	CO-M	I	<del>Rheni</del>
140420107048		Shah Apurva	CO-M	I	<del>Shah</del>
140420107030		Dhruv Patel	CO-M	I	<del>Dhruv</del>
140420107038		Shreyash Patel	CO-M	I	<del>Shreyash</del>

