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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
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5.1.3   Capacity building and skills enhancement initiatives taken by the institution

Sr. No.	Evidences
1	List of programs conducted
2	Details of programs conducted

Principal

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Department of Information Technology
Session 2020-21

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Webinar on Identifying Innovative Project Ideas	27/08/2020	68	Mr. Hement Barapatre CEO& Founder Clubix Technologie Nagpur
Seminar on insights into Image Processing using Computer Vision and ML	29/08/2020	56	Mr. Saurabh Maik Member Research Staff CRL Bharat Electronics Limited Bangalore
Webinar Speak to Inspire	18 and 19/10/2020	85	Mr.Vaibhav Falode Full StackDeveloper
General Aptitude and Logical Reasoning	18/01/2021 to 23/01/2021	50	Shri Sant Gajanan Maharaj College of Engineering hegaon
Current Industries Scenario and Its Expectations	14/02/2021	80	Mr. Pradip Samalwar Head Learning & Development CM India
Three Days workshop on Interactive Programming session	5, 6 and 12 /06/2021	40	Mr. Ajinkya Bawaskar Software Engineer Global Logic Pune
Roadmap to Career	26/06/2021	179	Mr. Chaitanya Jain Account Manager Collabera Technology Banglore

Prof. A S Manekar
Head, Dept. of IT
S.S.G.M.College of Engineering,
Shegaon

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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON
DEPARTMENT OF INFORMATION TECHNOLOGY
Report of Webinar By Mr. Hemant Barapatre on "Identifying Innovative Project Ideas"

Department of information Technology Organised a webinar for SSGMCE,Students on "Identifying Innovative Project Ideas" by Mr. Hemant Barapatre,Founder & CEO of Cluebix Technologies, Nagpur. On Thrusday 27 August 2020 at 4:00 PM.

Poster:

"Identifying Innovativ Project Idea

SSGMCE, Shegaon
Department of Information Technology
Webinar on
"Identifying Innovative Project Ideas"
Registration Link : https://forms.gle/RoJvDRzn9jHzNhH16
or scan QR Code for registration
Registrations open till: 26th August 2020 6:00PM

Webinar Date: 27th August 2020
Timing: 04:00PM
Platform : Microsoft Teams (Link will be shared with Registered Students)

Speaker:
Mr. Hemant Barapatre
CEO & Founder,Cluebix Technologies Nagpur

Prof.A G Sharma	Prof.A S Manekar	Dr. S B Somani
Coordinator	HOD,IT	Principal, SSGMCE,Shegaon

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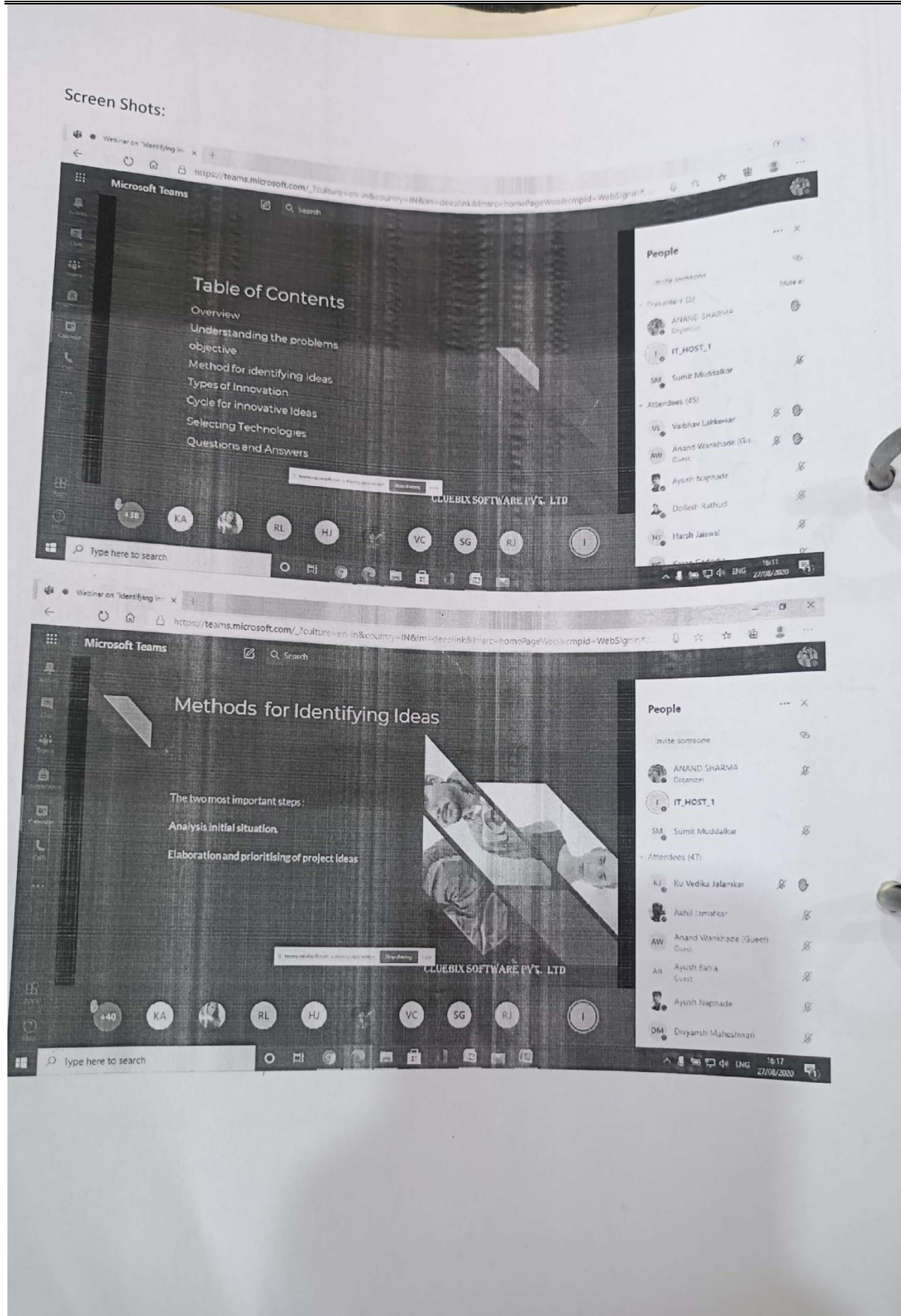| Ph : +918669638081/82 | Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in |
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Screen Shots:

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Organized By: Department of Information Technology

Event: Seminar on Insights into Image Processing using Computer Vision and Machine Learning.

Date: 29th August 2020.

Timing: 01:00 – 02:00 PM
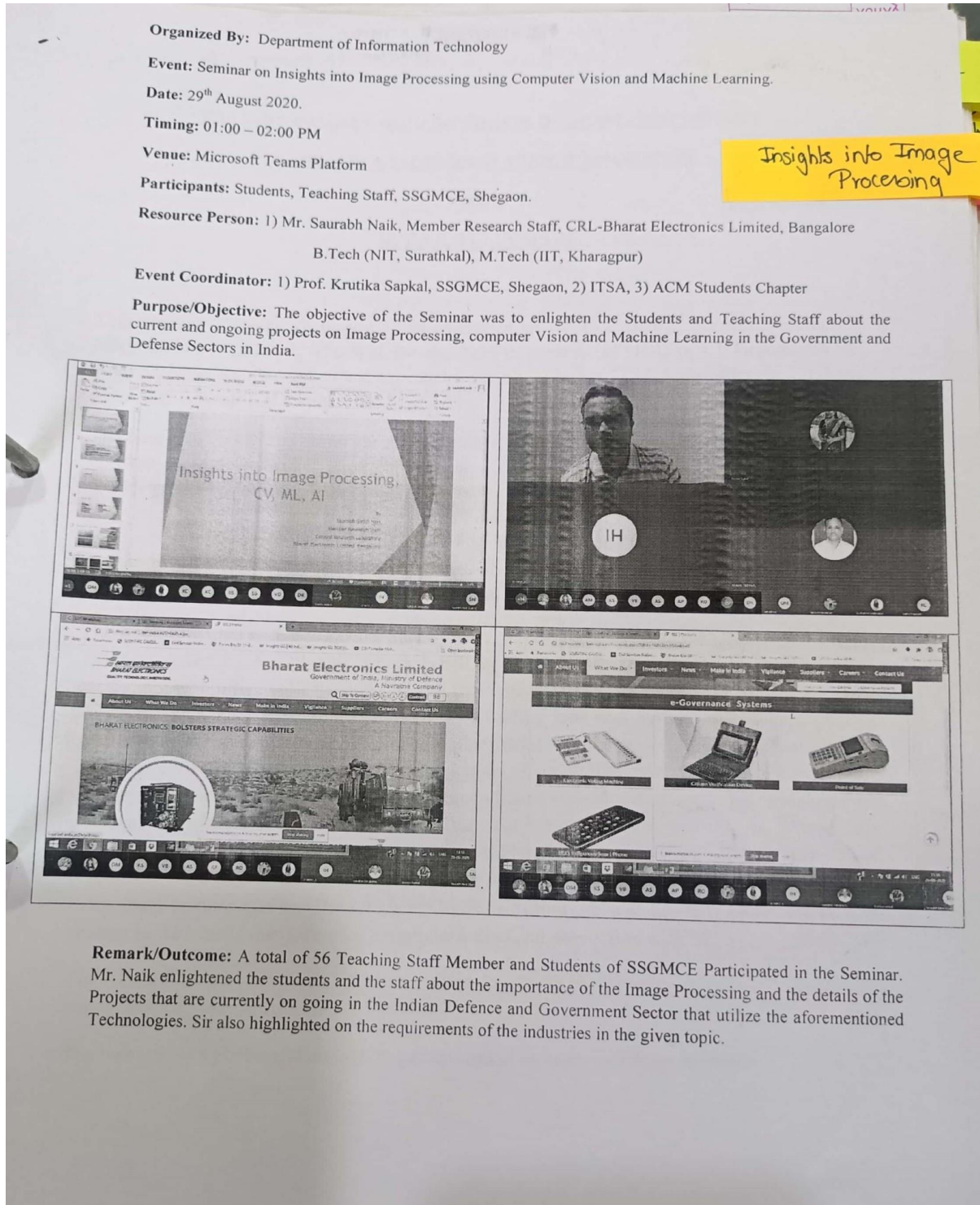
Venue: Microsoft Teams Platform

Participants: Students, Teaching Staff, SSGMCE, Shegaon.

Resource Person: 1) Mr. Saurabh Naik, Member Research Staff, CRL-Bharat Electronics Limited, Bangalore

B.Tech (NIT, Surathkal), M.Tech (IIT, Kharagpur)

Event Coordinator: 1) Prof. Krutika Sapkal, SSGMCE, Shegaon, 2) ITSA, 3) ACM Students Chapter

Purpose/Objective: The objective of the Seminar was to enlighten the Students and Teaching Staff about the current and ongoing projects on Image Processing, computer Vision and Machine Learning in the Government and Defense Sectors in India.

Remark/Outcome: A total of 56 Teaching Staff Member and Students of SSGMCE Participated in the Seminar. Mr. Naik enlightened the students and the staff about the importance of the Image Processing and the details of the Projects that are currently on going in the Indian Defence and Government Sector that utilize the aforementioned Technologies. Sir also highlighted on the requirements of the industries in the given topic.
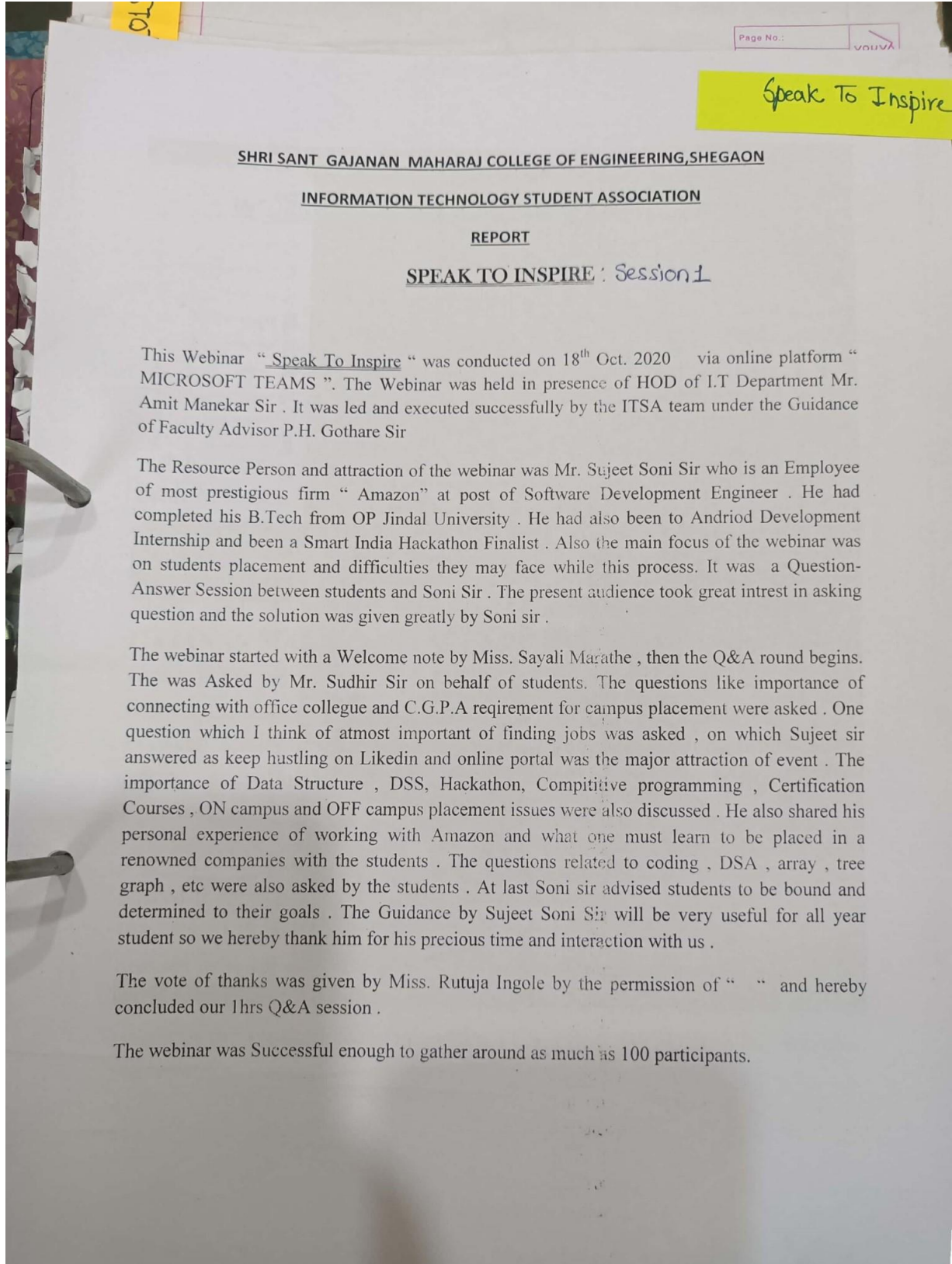
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Speak To Inspire

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

INFORMATION TECHNOLOGY STUDENT ASSOCIATION

REPORT

SPEAK TO INSPIRE : Session 1

This Webinar " Speak To Inspire " was conducted on 18th Oct. 2020   via online platform " MICROSOFT TEAMS ". The Webinar was held in presence of HOD of I.T Department Mr. Amit Manekar Sir . It was led and executed successfully by the ITSA team under the Guidance of Faculty Advisor P.H. Gothare Sir

The Resource Person and attraction of the webinar was Mr. Sujeet Soni Sir who is an Employee of most prestigious firm " Amazon" at post of Software Development Engineer . He had completed his B.Tech from OP Jindal University . He had also been to Andriod Development Internship and been a Smart India Hackathon Finalist . Also the main focus of the webinar was on students placement and difficulties they may face while this process. It was a Question-Answer Session between students and Soni Sir . The present audience took great intrest in asking question and the solution was given greatly by Soni sir .

The webinar started with a Welcome note by Miss. Sayali Marathe , then the Q&A round begins. The was Asked by Mr. Sudhir Sir on behalf of students. The questions like importance of connecting with office collegue and C.G.P.A reqirement for campus placement were asked . One question which I think of atmost important of finding jobs was asked , on which Sujeet sir answered as keep hustling on Likedin and online portal was the major attraction of event . The importance of Data Structure , DSS, Hackathon, Compititive programming , Certification Courses , ON campus and OFF campus placement issues were also discussed . He also shared his personal experience of working with Amazon and what one must learn to be placed in a renowned companies with the students . The questions related to coding , DSA , array , tree graph , etc were also asked by the students . At last Soni sir advised students to be bound and determined to their goals . The Guidance by Sujeet Soni Sir will be very useful for all year student so we hereby thank him for his precious time and interaction with us .

The vote of thanks was given by Miss. Rutuja Ingole by the permission of "   " and hereby concluded our 1hrs Q&A session .

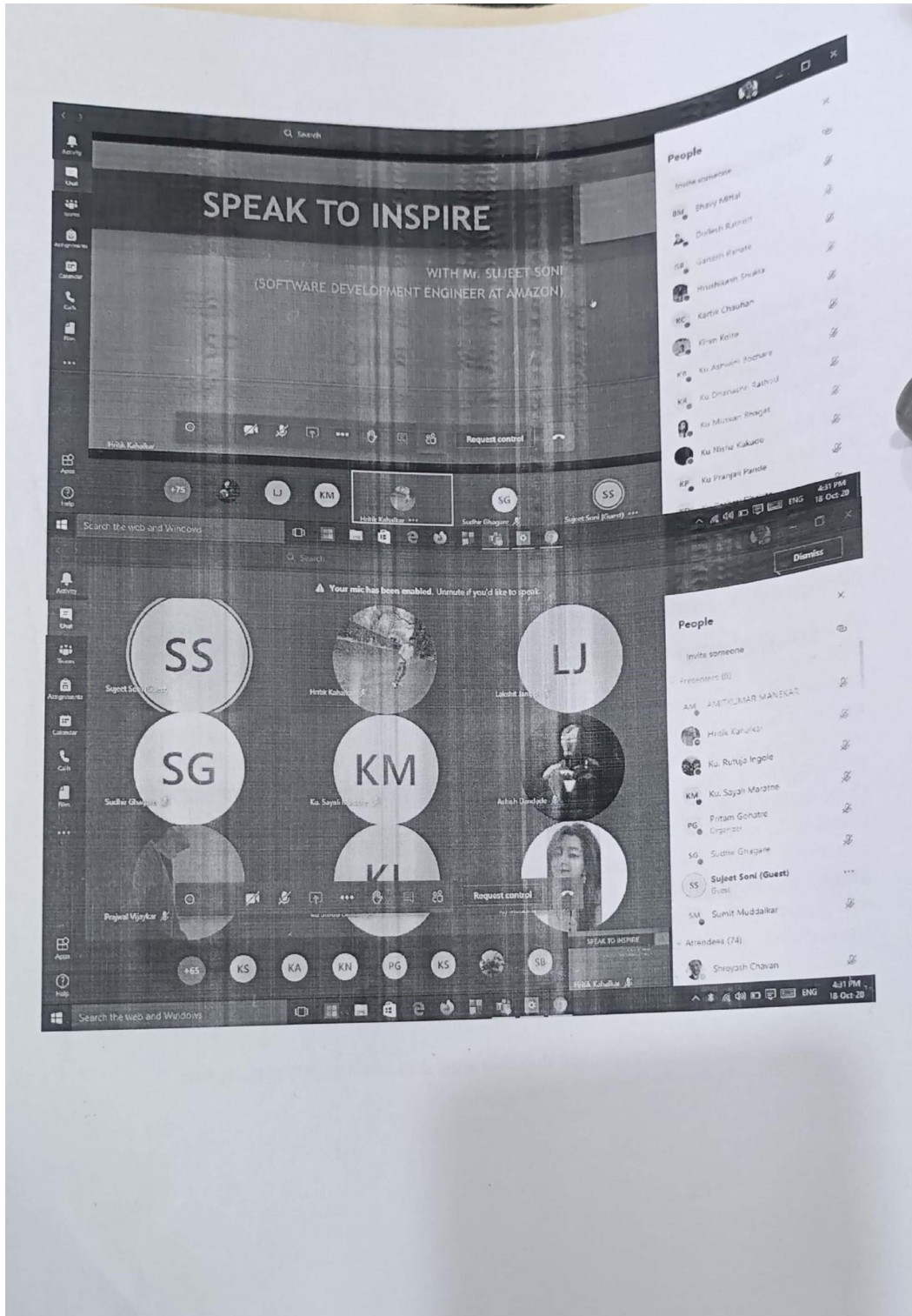The webinar was Successful enough to gather around as much as 100 participants.

Shri Gajanan Shikshan Sanstha's

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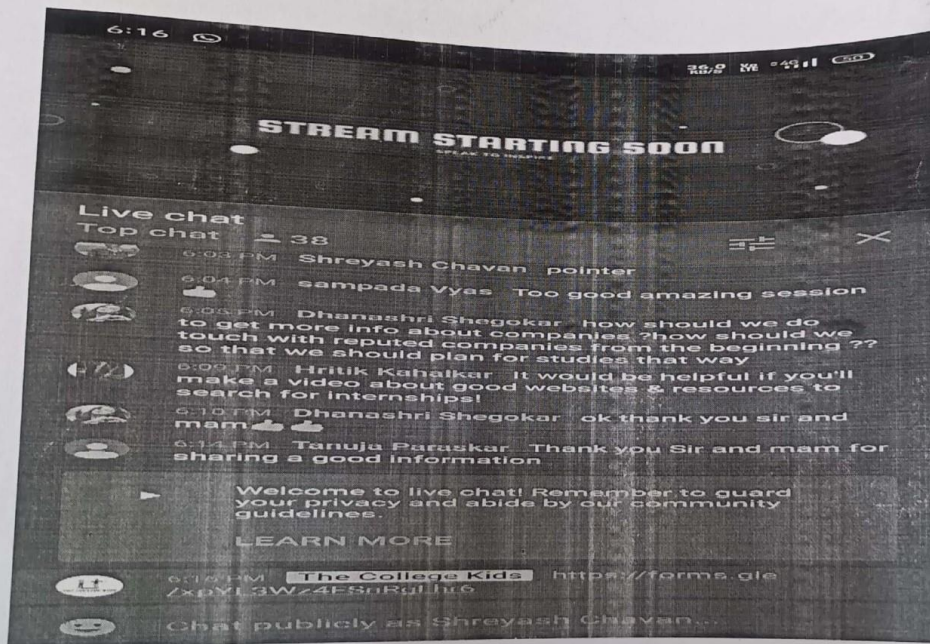"Approved by the D.T.E., M.S. Mumbai"

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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

INFORMATION TECHNOLOGY STUDENT ASSOCIATION

REPORT

SPEAK TO INSPIRE : SESSION 2

This webinar "Speak To Inspire: Session 2" was conducted on October 19, 2020 in the evening at 5 pm, via online platform "YouTube". The webinar was held under the presence of HOD of I.T Department Mr. Amit Manekar Sir. It was led and executed successfully by the ITSA team under the Guidance of Faculty Advisor Mr. P.H.Gothare Sir.

The main Speaker and attraction of the webinar was "Miss. Manali Modi" and "Mr. Ajinkya Bawaskar", the **alumni** of 'SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING'. The main focus of the webinar was on students' campus placement and whatever difficulties students' face now-a-days. It was a Question-Answer Session between students and Speakers. The attendees took great interest in asking questions and the solutions were given gracefully by the Speakers.

The webinar started by the introduction of the Speakers. Then they shared their experience regarding campus placements and the obstacles they faced during the rounds of placement. Then the attendees asked queries which were then solved by the speakers. The questions were based on pool campus, off campus placements. The speakers also guided us about the reputed companies like TCS, IBM, BYJU'S, VM, WIPRO, etc.

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They provided informative guidance about campus placement like how to build a strong profile on LinkedIn, how to get technical skills strong in this competitive world, significance and maintainance of SGPA/CGPA. During the studies of Bachelor degree they told us to focus mainly on Bubble Sort Algorithm and some vital programming skills, etc. In this way, the informative session continued till 6.30 pm. We are grateful to the Speakers that they gave their precious time and valuable guidance in their busy schedule. So at last, the session was successfully terminated.

The webinar was successful enough to gather around as much as 65 participants.

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ISTE (20-21)

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
ISTE Student's Chapter
Session: 2020-21

Date: 12/02/2021

All the students are hereby informed that our ISTE committee has organized an online webinar on **"Current Industries Scenario and Its Expectations"** by Mr Pradip Samalwar. He is having 17 years of work experience with prestigious organizations and specialized in learning and organizational development talent management and facilitation.

Date: *14th February 2021*
Time: *11:00am to 12:00pm*
Platform: *Microsoft Teams*
There is no entry fee for this webinar.

Interested students can register at https://forms.gle/xcZnMTeq8AMQo7rz9
For any queries, contact Shachi Chaware or Akanksha Hurpade.

Contact Details:
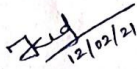Shachi Chaware: 8999230869
Akanksha Hurpade: 9545898198

Prof. Ms A A Deshmukh   Prof. K V Chandan   Prof. Ms K P Sable   Prof. R K Mankar
Department Coordinators

12/02/21

Faizan I Khandwani
Faculty Advisor

Prof. A S Manekar
HOD, IT

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SHRI SANT GAJANANA MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
ISTE Student's Chapter
Session: 2020-21

Webinar Attendance List (14/02/2021)

SN	NAME
1	M.FAIZAN KHANDWANI
2	Sakshi Ratnaparkhi
3	Pradip Samalwar/HUMAN RESOURCES/Jhagadia
4	Kiran Chandan
5	IT HOST_2
6	Yash Dalal
7	Akanksha Hurpade
8	Prashik Manwar
9	Narendra Gore
10	Suved Bhagwat
11	Ku. Harshada Parne
12	Mrunal Dhabale
13	Vedant Polshettiwar
14	Ku Parinati Deshmukh
15	Darshan Chaure
16	Abhishek Tiwari
17	VAIBHAV PINGLE
18	RAVINDRA MANKAR
19	GOVIND PITTY
20	Ku. Jaee Joshi
21	Baliram Rathod
22	Shripad Chopde
23	Ku. SIDDHI MEHTA
24	Snehdeep Raut
25	Yash Deshmukh
26	Aniruddha Wankhade
27	Kanav Sharma
28	Aniket Kalore
29	Rishabh Turkar

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ISTE Student's Chapter

Session: 2020-21

Webinar Attendance List (14/02/2021)

SN	NAME
30	Suraj Pawar
31	Himanshu Kopare
32	Saurabh Kedar
33	Rushabh Chawre
34	Ku Priya Ingle
35	Arpit Naskari
36	Ku Anuksha Raut
37	Sumit Avhale
38	Piyush Ingle
39	Meher Deshmukh
40	Jayesh Pingale
41	Mahesh Dongarkar
42	Tanay Shah
43	Pranav Tathod
44	Ku Sonal Jangale
45	Mayur Patel
46	PRAVIN WANKHEDE
47	Ku Shruti Diwate
48	Sumit Muddalkar
49	Ku. Maithali Kulkarni
50	Vilas Thigale
51	Shachi Chaware
52	Ku. Pratiksha Dalimkar
53	Vishwajit Rajput
54	Tanavi Borse
55	Sandesh Wankhade
56	Shubham Gawande
57	Ku Pranali Gondchawar
58	Shubham Shekokar

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ISTE Student's Chapter
Session: 2020-21

Webinar Attendance List (14/02/2021)

SN	NAME
59	MOHIT LANJUDKAR
60	Ashwini Wagh
61	BHAGWAT KHODKE
62	Hardik Motghare
63	Advait Patil
64	Ku Priti Aswar
65	Prasad Jawadekar
66	Siddhesh Kachkure
67	Ku Devshri Pohare
68	ANIL PATIL
69	TEJRAO MARODE
70	Ashwin Shelke
71	Ku Punam Sukode
72	Shreyash Ingle
73	Ku Neha Gavande
74	Bhavesh Shah
75	Sachin Gaikwad
76	Samyak Wankhade
77	Ku. NIKITA PARGHARMOL
78	RAVINDRA POTE
79	Mujahidahmed Sayyed
80	Rutik Balkar
81	Shubhankar Kathale

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SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
ISTE Student's Chapter
Session: 2020-21

Date: 14/02/2021

SSGMCE (Shri Sant Gajanan Maharaj College Of Engineering, Shegaon) M.S India. ISTE (Indian society of technical education) Student Chapter had organized a webinar on topic "CURRENT INDUSTRIES SENARIO AND ITS EXPECTATIONS" On 14 February 2021 at 11:00–12:00 AM. The speaker was respected, **Mr. Pradip Samalwar** sir.

Summary of his Skills & Experience

Pradip brings more than 17 years of work experience with prestigious organizations and specialized in learning & organizational development, talent management and facilitation. Presently he is head of learning & development and OD for UPL limited. He has worked with multiple MNCs like Greaves Cotton, Volvo Eicher, SKF India Limited, PIX Transmission in various capacities, expertise in managing and leading a range of learning and development strategies to drive and improve organizational effectiveness that has relevant business impact. He has implemented the best practices of training manufacturing plants, R&D, SCM, project management, sales & marketing, and support functions.

Highlights about Webinar:

He spoke about his past experiences and shared his thoughts and views on the topics like: student interest and how to study, how to perceive our interest, how to get into fields we want, how to develop interest in something like engineering and technology, job and recruitment by different companies and industries skills and knowledge we need to develop to get our dream job, what should we study and what should be the process, he also talks about why we do study what should be our goals.

The session went well and we hope that we will get this kind of knowledge full seminars and webinars many times in future, he taught us many things and we the members of ISTE Student Chapter, SSGMCE Shegaon promise to keep the same stream of knowledge flow regularly and continuously.

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Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Information Technology

REPORT OF WORKSHOP

The Department of Information Technology successfully organized three day workshop on "Interactive Programming Sessions" for the students (all the branches) of institute on dated: 5th, 6th and 12th June 2021, on Microsoft Teams.

In the workshop **Mr. Ajinkya Bawaskar, Software Engineer, Global Logic** discussed about the preparation for campus placement, best programming language, projects, internship, open source technologies, technical concepts of C, C++, Java, OOP, Spring, RESTful API, GIT and idea validation. Total 97 participants were registered and approximately 40 students attended and benefited by the workshop.

Scheduled:

Date	Time	Contents
05/06/2021	9.30 AM to 11.00 AM (Session1)	1. Brief idea about campus placements- with focus on technical round. General discussion about programming difficulty level & theory subjects to study for it. 2. Programming languages- which is the best programming language and which one should you learn? 3. Projects- What projects to do and why are they important? How to choose what projects to do and how to demonstrate them. 4. Internships- Should you do internships and discussions surrounding it. (Bonus: Paid internship offer with PPO) 5. Introduction to Open Source- What exactly is Open Source and why should you care? 6. Where is the industry heading? What technologies are trending and have relatively better scope.
05/06/2021	6.00 PM to 7.30 PM (Session2)	1. Programming in C/C++: Introduction, variables, data types, conditionals, loops, and data structures, 2. Introduction to competitive programming and why it matters. 3. Solving a few questions from easy to difficult: main idea behind this will be how to understand questions, how to think about the approach and finally how to implement it.
06/06/2021	11.00 AM to 12.30 PM (Session3)	1. Programming in Java: Introduction to JVM, JRE and Java specific features. 2. Introduction to OOP paradigm: Layman's approach to OOP and surrounding concepts.

Intercative Programming Session

Shri Gajanan Shikshan Sanstha's
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		3. Dependency injection and frameworks: how to use Java in projects.
06/06/2021	6.00 PM to 7.30 PM (Session4)	1. Programming in Spring: Developing projects in Java using the Spring framework 2. Brief introduction to relational databases: followed by database connectivity in applications. 3. What is API? What is a RESTful API? Implementing RESTful API in Spring Boot.
12/06/2021	11.00 AM to 12.30 PM (Session5)	1. Git & version control - What is git and why should you learn it? Fundamentals of version control, setting up and working with git (not GitHub). Git commands and usage, git cheat sheet. 2. Development to Deployment - Traditional vs modern technologies, monolith vs microservices, Introduction to cloud and associated technologies.
12/06/2021	1.30 PM to 2.30 PM (Session6)	1. Idea validation - Let's hear your ideas and evaluate them collectively. Brainstorming ideas about projects, technologies and businesses. 2. General discussion and feedback. What steps can you take next? 3. Q&A session

Poster:

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON

ITSA acm

Interactive
Programming Session
2021

Date: June 5,6,&12

Fee structure: Free for all (Tentative)
Sunday Morning session: 11AM to 12:30PM
Saturday Morning session: 9:30AM to 11PM
Evening session: 6PM to 7:30PM

Ajinkya Bawaskar
Software Engineer, GlobalLogic
Batch of 2020, CSE, SSGMCE

Note - E-certificate will be provided to all the participants

Prof. S. D. Padiya/ Prof. A. S. Manekar
Workshop Coordinators

Prof. A. S. Manekar
HOD, IT

Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
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Fax : 091-7265-252346	Website- www.ssgmce.ac.in

Session 2:
1. Programming in C/C++: Introduction, variables, data types, conditionals, loops, and data structures,
2. Introduction to competitive programming and why it matters.
3. Solving a few questions from easy to difficult: main idea behind this will be how to understand questions, how to think about the approach and finally how to implement it.

Session 3:
1. Programming in Java: Introduction to JVM, JRE and Java specific features.
2. Introduction to OOP paradigm: Layman's approach to OOP and surrounding concepts.
3. Dependency injection and frameworks: how to use Java in projects.

Session 4:
1. Programming in Spring: Developing projects in Java using the Spring framework
2. Brief introduction to relational databases: followed by database connectivity in applications.
3. What is API? What is a RESTful API? Implementing RESTful API in Spring Boot.

Session 5:
1. Git & version control - What is git and why should you learn it? Fundamentals of version control, setting up and working with git (not GitHub). Git commands and usage, git cheat sheet.
2. Development to Deployment - Traditional vs modern technologies, monolith vs microservices, Introduction to cloud and associated technologies.

Session 6:
1. Idea validation - Let's hear your ideas and evaluate them collectively. Brainstorming ideas about projects, technologies and businesses.
2. General discussion and feedback. What steps can you take next?
3. Q&A session

2

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Interactive Programming Session

Instructor:

Ajinkya Bawaskar
Software Engineer, GlobalLogic
Batch of 2020, CSE, SSGMCE

Summary:

This session will be about programming, suited for second and third year students, from all branches. We will start from the very basics and go upto a point where there is certain proficiency in all of the participants about their programming skills. The session will include tutorials on programming, tips for technical rounds of interviews and projects.

Duration:

3 days - 2 sessions per day
Dates: 5, 6 & 12 June 2021 (Sat-Sun-Sat)
Morning session: 11AM to 12:30PM
Evening session: 6PM to 7:30PM

Location:

Online, on Zoom
Link: To be announced

Fee structure:

Free for all (Tentative)

Registration:

enroll.ajinkyabuilds.tech

Session Outline:

Session 1:

1. Brief idea about campus placements- with focus on technical rounds. General discussion about programming difficulty level & theory subjects to study for it.
2. Programming languages- which is the best programming language and which one should you learn?
3. Projects- What projects to do and why are they important? How to choose what projects to do and how to demonstrate them.
4. Internships- Should you do internships and discussions surrounding it. (Bonus: Paid internship offer with PPO)
5. Introduction to Open Source- What exactly is Open Source and why should you care?
6. Where is the industry heading? What technologies are trending and have relatively better scope.

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