THE

REPORT ON

A One Day State Level Science Workshop

Introduction to SciLab

29th January, 2019

Organized by

Department of Mathematics School of Science

Sou. Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat University, Kolhapur



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One Day State Level Workshop on Introduction to Scilab

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Inauguration Function:

The program was coordinated by Dr. Ashwini Kulkarni, Assistant professor, Department of Mathematics.

The programme started with inaugural function graced by Dr. V. A. Dr. Raikar(VC, SGU), Dr. M.T. Telsang (Dean Academic, SGU), Prof. L. N. Katkar, Dr. A.D. Sawant(Dean, School of Science), Mr. S.S. Salgare(Head, Department of Mathematics). The programme started with welcome address by Mr. S.S. Salgare, Head, Department of Mathematics, SGU followed by facilitation of Hon'ble dignitaries, teachers from different colleges.. Mr. S.S. Salgare in his speech gave detail schedule of the workshop and announce that every participant will get the hands on experience to all students in the whole session. Also, he explained about a response to this workshop. More than 151 students had shown interest in this workshop. So we decided to take two parallel sessions for these students. Dr. A.D. Sawant in his speech briefly gave information about school of science of SGU. Prof. L. N. Katkar in his talk mentioned the various mathematical software and need to study Scilab software. Dr. M.T. Telsang (Dean Academic, SGU) briefly gave the information about SGU and overall Continuous Assessment system for student. Dr. V. A. Dr. Raikar, VC, SGU was happy to see such a huge response from various B.Sc. colleges and gave compliment to the organizer. Further he emphasizes how students, researchers and teachers can use the internet to increase knowledge of mathematics and get the information about various mathematical software for regular study. The speaker also pointed out importance of mathematics in the filed of technology. The inaugural function was ended with vote of Thanks by Dr. Ashwini Kulkarni, Assistant professor, Department of Mathematics, SGU.



Dr. Raikar sir, Vice- Chancellor addressing to audience



Dr. M.T. Telsang, Dean Academic addressing to audience

Brochure:









Chief Patron Hon. Mr. Sanjay D. Ghodawat President, SGU

resident, 360

Hon. Mr. Shrenikji Ghodawat Secretary, SGU

Chief Guest

Hon. Mr. Vinayak Bhosale Trustee, SGU

Advisory Committee

Prof. (Dr.) V.A. Raikar Vice-Chancellor, SGU Prof. (Dr.) B.M. Hirdekar Registrar, SGU

Dr. M.T. Telsang Dean, Academics, SGU Dr. A.D. Sawant Dean, School of Science, SGU

Organizing Committee

Dr. L. N. Katkar Professor Dr. A. K. Kulkarni Mr. S. S. Salgare Convener

Mr. S. T. Patil

Miss. P. V. Patil Coordinator Mr. V. D. Kulkarni

Ms. Raisa Shaikh Asst. Professor Ms. T. A. Jadhay Ms. J. P. Hirave Asst. Professor Ms. N. R. Jadhav

sst. Professor

Mr. S.A. Tele

Asst. Professor

Sanjay Ghodawat University Kolhapur

Sangli-Kolhapur Highway, Atigre - 416 118, Dist.: Kolhapur, Maharashtra, India, Phone: (0230) 2463700 For More Details Contact:

Mob.: 9975634608, 9930756258

One Day State Level Workshop on

"Introduction to Scilab"

For B.Sc. III Year Maths Students

28th January, 2019



Organized by:

Department of Mathematics School of Science



Sanjay Ghodawat University Kolhapur

Empowering Lives Globally!

About the University

The Sanjay Ghodawat University (SGU) was established in the Academic Year 2017-18. It has been established as a State Private University under Govt of Maharashtra Act No. XL of 2017 dated 3rd May 2017, with the approval of the state Government.

Spread across 165 Acres, Sou. Sushila Danchand

Spread across 165 Acres, Sou. Sushila Danchand Ghodawat Charitable Trust's Sanjay Ghodawat University (SGU) is situated in serene atmosphere amidst idyllic hills and lush green meadows to study in harmony with Nature.

The Sanjay Ghodawat University stands as a beacon of light to guide the younger generation of the day on the right path to fulfilment in career and life. The USP of the University is its research based curriculum and academically oriented teaching staff. The world class ambience and infrastructure help the students to easily accommodate themselves in an environment that is conducive to the teaching- learning process. Hands on experience, challenge based case studies, maximum participation of students in the classroom, use of modern digital technology, smart classrooms, solution oriented thinking

promotion, stress on research and innovation, international tie ups, choice based credit system for flexibility in choosing areas of interest etc. are some of the features of the University.

About Department

The department of Mathematics is rich in academics. We have 12 highly qualified and well experienced faculty members. Department has computer lab with 20 computers and internet connections, where student can develop their programming skill by using various software viz., Scilab, Origin, Sage, R, Python, WxMaxima, C/C++, LaTeX, GAP etc. The department of Mathematics aims to educate students who are oriented towards research and teaching in both fundamental and advanced areas of Mathematical Sciences.

About Scilab

Scilab is free and open source software for numerical computation providing a powerful computing environment for engineering and scientific applications. Scilab is released as

open source under the CeCILL license (GPL compatible), and is available for download free of charge. It has all the convenience that the original Fortran of Matlab had. It also uses the state of the art computational libraries LINPACK, EISPACK, etc. It is used by the academia and the industry, an example of the later being CNES, the French aerospace corporation.

Scilab comes with a graphical programming interface Xcos, which is somewhat similar to Simulink, a product developed by Mathworks for use with Matlab. In contrast, Octave, the other open source alternative to Matlab, does not have an equivalent of Simulink.

Workshop Objectives

- To spread awareness about Scilab software
- To spread awarness of applications of Scilab for mathematical subjects.
- To promote open source software in the field of education.
 To Enhance Computational Skills of the Students.

Expected Outcomes

- To create interest about scilab among students
- To inspire students to use scilab software in mathematics

Registration Fees

- Rs. 200/- Per head
- The workshop is for 50 participants only.

Venue & Time

- Faculty of Management Building, Computer Center, Ground Floor
 Panaging Times 0.20 am.
- Reporting Time: 9.30 am.



REGISTRATION FORM

One Day State Level
Workshop on

"Introduction to Scilab"

For B.Sc. III Year Maths Students

28th January, 2019

Full Name:
Gender:DOB:
Father's Name:
Name and full address of the Institute/College :

Class: :
Full address for correspondence: :

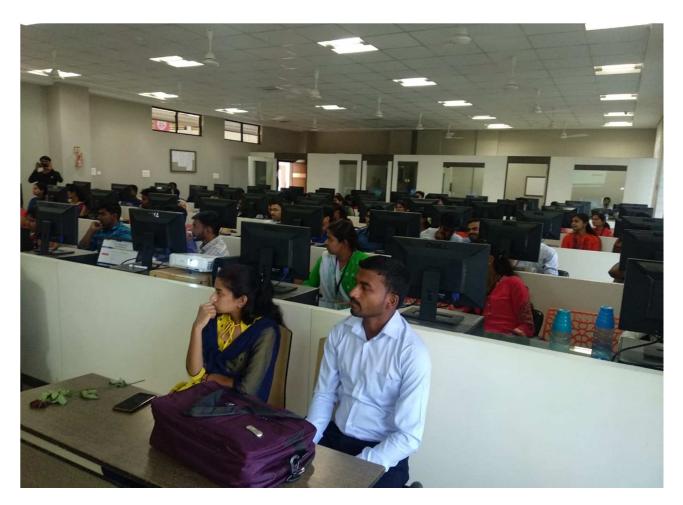
Phone No.: Mob.:

E-mail:

Date: Students' Signature

Session:

In the workshop, two parallel sessions are conducted for all the participants come from 8 different colleges. Resource persons of the work shop were Mr. S. S. Salgare, Head, department of Mathematics, SGU Kolhapur and Dr. Ashwini Kulkarni, Assistant professor, Department of Mathematics, SGU Kolhapur. The speakers delivered his talk on Introduction to Scilab, Arithmetic Operations, Scilab as Calculator, syntax in Scilab, Predefined Variables, creating arrays and vectors, Matrix, Binary operations on Matrix, in built commands for matrix, Scripts, Function, conditional branching and plotting etc.



Overall Feedback

Feedback on paper – We have taken all over feedback for the event. The format is as given with the feedback analysis

One Day State Level Workshop on "Introduction to Scilab" Organized by Department Of Mathematics Feedback Form

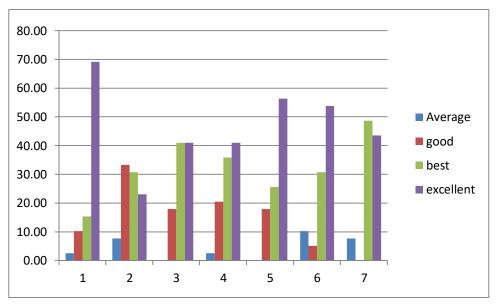
Day and Date – 29th January, 2019

Venue: – Computer Centre, Ground Floor, Faculty of Management Building, Sanjay Ghodawat University, Kolhapur (Atigre).

Sr. No.	Question	Average	Good	Best	Excellent
1	Facilities in SGU Campus?				
2	How was the Session I?				
3	How was the Session II?				
4	Management of Event?				
5	Was the workshop helpful?				
6	Are you interested to attend such type of workshop in future?				
7	Overall Impression of the Event				

Any Other suggestions-	
Name of the student and sign	
Contact No	

Feedback analysis of above seven question from feedback form in percentage:



Suggestions and comments given by students –

- Give more time to sessions
- Workshop was nice. Overall workshop is best and we learn from it more.
- One day workshop is really helpful for me.
- Workshop is very nice.
- It is our great pleasure that we attended such state level workshop, so are requesting you to organize such extra workshop for us with more extra ordinary details.
- Thank you for organizing such type of workshop because our knowledge is increased.
- Overall event is best. No any suggestion.
- I wish to study here.
- Event was too good. But we want more information and sessions related to scilab. SGU campus is awesome.
- It was very grateful moment for us. I like this workshop.
- Arrange this type of workshop again.
- No more suggestions.
- One day time is not sufficient to study Scilab.
- Arrange more workshops related to Mathematics such as Vedic Mathematics.

List of Participants:

Student who registered for One Day Workshop on "Introduction to Scilab"

Sr. No.	College Name	Contact number	
1	Sanket Shrikant Kumbhar	Willingdon College, Sangli.	7028234527
2	Ashwini Babasaheb Throat	Willingdon College, Sangli.	7058655916
3	Pratik Saudagar Patil	Willingdon College, Sangli.	7248981729
4	Sachin Dhanajirao Shinde	Willingdon College, Sangli.	7248981729
5	Vrushabh Ramesh Altekar	Willingdon College, Sangli.	7276227540
6	Shravani Sanjay Shirtikar	Willingdon College, Sangli.	7448206601
7	Shriya sudarshan pendse	Willingdon College, Sangli.	7768878417
8	Pavan Mallikarjun Honrao	Willingdon College, Sangli.	7875527578
9	Aditya ashokrao patil	Willingdon College, Sangli.	8668486475
10	Sachin Nivrutti Sanap	Willingdon College, Sangli.	8766798320
11	Tanmay jitendra hankare	Willingdon College, Sangli.	8830559422
12	Nishigandha Namdev patil	Willingdon College, Sangli. Willingdon College, Sangli.	9049457172
13	Dhanraj Popat Jadhav	Willingdon College, Sangli.	9096353244
14	Shubham shridhar Malap	Willingdon College, Sangli.	9145491496
15	Mayuri Deepak Ghodake	Willingdon College, Sangli.	9145542887
16	Ratnaprabha Balappa	Willingdon College, Sangli.	9284825035
17	Sandhya Sanjay Kokate	Willingdon College, Sangli.	9325562532
18	Aishwarya Manoj Sangame	Willingdon College, Sangli.	9325562532
19	Dilip dada so medahinge	Willingdon College, Sangli.	9561140199
20	Onkar bajirao jadhav	Willingdon College, Sangli.	9595661834
21	Pravin Rajendra Kshirsagar	Willingdon College, Sangli.	9975912410
22	Akshata Balaso Khichade	K.W.C., Sangli	8956442329
23	Harshada Gundappa	K.W.C., Sangli	9579216541
24	Nikita surgeons patil	K.W.C., Sangli	8530038231
25	Samadhan Laxman Sargar	K.W.C., Sangli	9527212292
26	Sarita raghunath patil.	K.W.C., Sangli	8408033297
27	Sayali Nitin Chougule	K.W.C., Sangli	9665200878
28	Shraddha Amar Tapkire	K.W.C., Sangli	9011707020
29	Shraddha Arvind Gurav	K.W.C., Sangli	8055176380
30	Shraddha Vivek Patil	K.W.C., Sangli	7798312697
31	Shweta pandurang rupnar	K.W.C., Sangli	9112010515
32	Shweta tanaji maske	K.W.C., Sangli	8317222020
33	Sohan Babasaheb Mali	K.W.C., Sangli	7249307282
34	Sushant bhanudas lagare	K.W.C., Sangli	9657623327
35	Susmita suresh wadkar	K.W.C., Sangli	8530038231
36	Varsha Annaso Chougule	K.W.C., Sangli	9767750025
37	Yogesh Baban Mane	K.W.C., Sangli	7875981149
38	Yogita Dattatreya Lawand	K.W.C., Sangli	7499136198

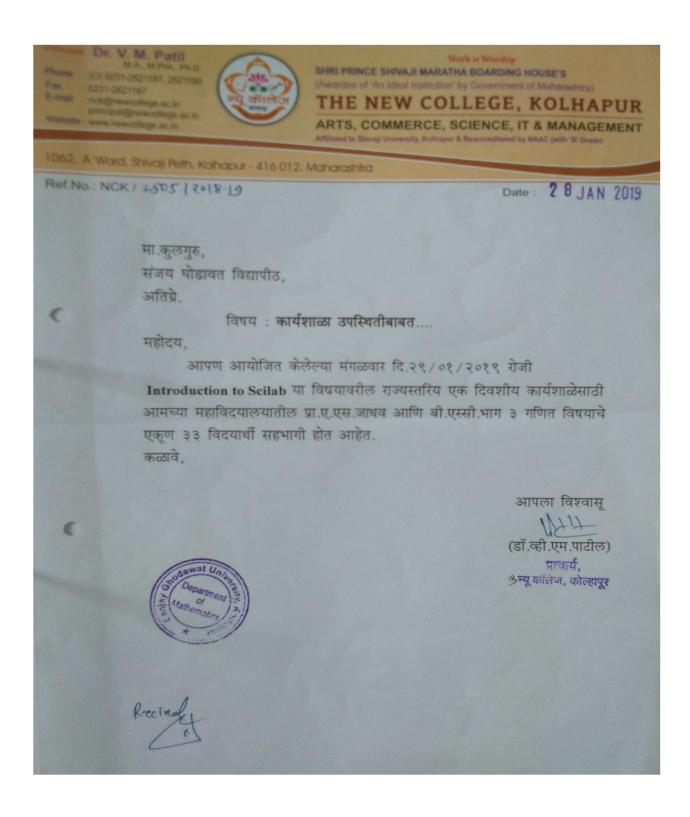
39	Aishwarya W. Kavale	K.W.C., Sangli	7972726290
40	Komal Vasantrao Mane	Krishna Mahavidyalaya,Rethare Bk!!	8530973088
41	Lalita Prakash Malavade	Krishna Mahavidyalaya, Rethare Bk!!	9604949969
42	Pooja Ramesh Pawar	Krishna Mahavidyalaya,Rethare Bk!!	9890010666
43	Nikita Nandkumar Pawar	Krishna Mahavidyalaya,Rethare Bk!!	9689210408
44	Komal Gajanan Pawar	Krishna Mahavidyalaya,Rethare Bk!!	9284917078
45	Pratiksha Prakash Salunkhe	Krishna Mahavidyalaya,Rethare Bk!!	9021811039
46	Tabassum Rafik mulla	D. K.A. S.C., Ichalkaranji	7020330432
47	Amruta Ravindra Patil	D. K.A. S.C., Ichalkaranji	7410110508
48	Sabiha shahensha fakir	D. K.A. S.C., Ichalkaranji	8180861102
49	Neha namdev khamkar	D. K.A. S.C., Ichalkaranji	8379060943
50	Samruddhi Satish Rokade	D. K.A. S.C., Ichalkaranji	8459974462
51	Manasi Vijay Sangave	D. K.A. S.C., Ichalkaranji	8605482245
52	Sujata mallu mane	D. K.A. S.C., Ichalkaranji	8669224041
53	Dipti Dilip Patil	D. K.A. S.C., Ichalkaranji	8830743142
54	Shital Dhondiram Chavan	D. K.A. S.C., Ichalkaranji	9011072974
55	Snehal Sarjerao Patil	D. K.A. S.C., Ichalkaranji	9067927715
56	Prajakta Rajkumar Thikane	D. K.A. S.C., Ichalkaranji	9172886831
57	Ashwini Uttam Lavate	D. K.A. S.C., Ichalkaranji	9503436499
58	Pavita parashram bhakturi	D. K.A. S.C., Ichalkaranji	9511249857
59	Yuvaraj manohar kumbhar	D. K.A. S.C., Ichalkaranji	9552872982
60	Komal Jaysing Patil	D. K.A. S.C., Ichalkaranji	9657103695
61	Amruta Bajirao patil	D. K.A. S.C., Ichalkaranji	9765358504
62	venkatalaxmi subbareddy	D. K.A. S.C., Ichalkaranji	9822595832
63	Rutuja Vitthal Nimbalkar	D.R.Mane Mahavidyalaya, Kagal.	7057208288
64	Komal Vijay Mali	D.R.Mane Mahavidyalaya, Kagal.	7387112272
65	Tejasvini Baburao Kamble	D.R.Mane Mahavidyalaya,Kagal.	9881981709
66	Puja Pralhad Patil	D.R.Mane Mahavidyalaya,Kagal.	9130752142
67	Maya Kishor Jagadale	D.R.Mane Mahavidyalaya,Kagal.	7796595025
68	Shubhangi Tanaji Bagane	D.R.Mane Mahavidyalaya,Kagal.	9689136028
69	Prajakta Vishwas Randive	D.R.Mane Mahavidyalaya, Kagal.	9021723179
70	Pooja Sanjay Lohar	D.R.Mane Mahavidyalaya,Kagal.	6360723082
71	Aishwarya Shahaji Patil	New College, Kolhapur	9767521539
72	Gauri Ramrao Bhole	New College, Kolhapur	8482936175
73	Rutuja Shrikant Jadhav	New College, Kolhapur	9028430065
74	Sharad Bajirao Mahadik	New College, Kolhapur	9075824646
75	Prakash Krishnat Patil	New College, Kolhapur	7066643907
76	Omkar shivaji shinde	New College, Kolhapur	7741057173
77	Sangram Sadashiv Wadkar	New College, Kolhapur	8698358718
78	Shweta Shahaji Khot	New College, Kolhapur	8412899803
79	Akshay Mangesh Ghadi	New College, Kolhapur	7020125363
80	Siddhi Babaso Magar	New College, Kolhapur	8308631010
81	Simran shoukat sayyad	New College, Kolhapur	9823467033
82	Akash sukumar Bhosale	New College, Kolhapur	9049720573
83	Manasi Madhukar Jadhav	New College, Kolhapur	9112136266

84	Pranita Prashant Nikam	New College, Kolhapur	7744881736
85	Namrata Ajit Patil	New College, Kolhapur	7721865175
86	Samruddhi Sanjay Patil	New College, Kolhapur	9970363307
87	Nikita keshav patil	New College, Kolhapur	9421105608
88	Ankita Udaysinh Gaikwad	New College, Kolhapur	8830822482
89	Tejal Yashwant Patil	New College, Kolhapur	9822674329
90	Shrushti Rajkumar kolekar	New College, Kolhapur	9511976844
91	Namrata krishanat mane	New College, Kolhapur	7083129133
92	Shubhangi Maruti	New College, Kolhapur	7776970349
93	Rushikesh Gajanan	New College, Kolhapur	9021971502
94	Ankita udaysinh Gaikavad	New College, Kolhapur	8830822482
95	Aishwarya Sanjay hirdekar	New College, Kolhapur	9822867150
96	Shivani Bajirao patil	New College, Kolhapur	7972831224
97	Aditya Ramesh Salokhe	New College, Kolhapur	9561130707
98	Aniket Prakash Powar	New College, Kolhapur	9822789595
99	Omkar Shivaji Shinde	New College, Kolhapur	7741057173
100	Komal anil rokde	New College, Kolhapur	9325129378
101	Tushar Tanaji Hasurkar	New College, Kolhapur	7972026730
102	Nikam Sayali Laxman	New College, Kolhapur	9673816812
103	Amruta Sanjay Kagale	Jaysingpur College, Jaysingpur	9146981581
104	Pooja Dilip Budkar	Jaysingpur College, Jaysingpur	9730048423
105	Dipak suresh ingale	Jaysingpur College, Jaysingpur	8805840402
106	Shweta Bhauso Patil	Jaysingpur College, Jaysingpur	9503653184
107	Firganavar snehal shrikant	Jaysingpur College, Jaysingpur	9623167384
108	Maya Rajendra Gaikwad	Jaysingpur College, Jaysingpur	7038045899
109	Hagare suprabha	Jaysingpur College, Jaysingpur	9834165022
110	Omkar Sadanand Bagade	Jaysingpur College, Jaysingpur	8412954644
111	Asha sanjay sutar	Jaysingpur College, Jaysingpur	7972062003
112	Kiran Ramesh jadhav	Jaysingpur College, Jaysingpur	9119502891
113	Gayatri Babasaheb keripale	Jaysingpur College, Jaysingpur	9284399263
114	Satyam Suresh Ankalkhope	Jaysingpur College, Jaysingpur	8379033642
115	Shruti Sukumar Langare	Jaysingpur College, Jaysingpur	9665654810
116	Gayatri madan gangdhar	Jaysingpur College, Jaysingpur	8669725784
117	Adesh Uddhav Bhagat	Jaysingpur College, Jaysingpur	9527802129
118	Shweta shivaji phadatare	Jaysingpur College, Jaysingpur	8275272283
119	Mane Pratiksha Gajanan	Jaysingpur College, Jaysingpur	8805108059
120	Samruddhi Sharad	Jaysingpur College, Jaysingpur	8624825740
121	Sonali maruti pandav	Jaysingpur College, Jaysingpur	9766852591
122	Hrishikesh Rajan Chitrakar	Karmaveer Hire College, Gargoti	7391878259
123	Chetan Namadev Salavi	Karmaveer Hire College, Gargoti	7744887647
124	Omkar Tanaji Sutar	Karmaveer Hire College, Gargoti	8605463845
125	Vishwambhar suryakant	Karmaveer Hire College, Gargoti	8554843227
126	Rutuja Arun Mahajan	Karmaveer Hire College, Gargoti	7507856053
127	Kiran Chandrakant Masal	Karmaveer Hire College, Gargoti	7038960744
128	Anuja Shivaji kalekar	Karmaveer Hire College, Gargoti	7218018841

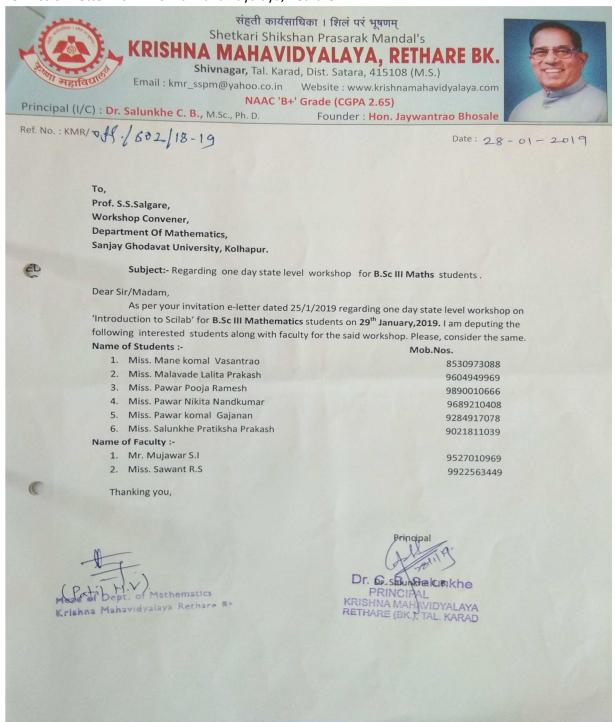
			,
129	Mahadev Raghunath	Karmaveer Hire College, Gargoti	8275260073
130	Sangram Yashwant Desai	Karmaveer Hire College, Gargoti	8379967508
131	Amrita Ashok Patil	Karmaveer Hire College, Gargoti	7083417074
132	Shradha Sadanand Desai	Karmaveer Hire College, Gargoti	9096453527
133	Swati Kundalik Patil	Karmaveer Hire College, Gargoti	7020139739
134	Arati Ashok Farakate	Karmaveer Hire College, Gargoti	7798668562
135	Ankita. Balaso pawale	Karmaveer Hire College, Gargoti	9503810616
136	Ujwala Tanaji Patil	Karmaveer Hire College, Gargoti	9168343489
137	Rutuja Dattatray Patil	Karmaveer Hire College, Gargoti	9112926565
138	Seema Vasant Gurav	Karmaveer Hire College, Gargoti	9545547348
139	Sonali Shivaji Ranmale	Karmaveer Hire College, Gargoti	9067651197
140	Meghana Balawant	Karmaveer Hire College, Gargoti	8975218594
141	Mayadevi Rajaram patil	Karmaveer Hire College, Gargoti	8275973603
142	Shelar Rohit Santosh	Karmaveer Hire College, Gargoti	9834437695
143	Tejashri Digambar Sutar	Karmaveer Hire College, Gargoti	9172008259
144	Dipali Tanaji Patil	Karmaveer Hire College, Gargoti	7798693410
145	Madhuri T. Kathe	New College, Kolhapur	7721982668
146	Sujata P. Sawant	New College, Kolhapur	7769881107
147	Omkar R. Jadhav	New College, Kolhapur	8805353357
148	Patil Pratikha S.	Jaysingpur College, Jaysingpur	7030302147
149	Gavade Shivani R.	Jaysingpur College, Jaysingpur	8421173673
150	Kambale Pallavi S.	Jaysingpur College, Jaysingpur	7758930636
151	Shinde Kajal D.	Jaysingpur College, Jaysingpur	9921299763
152	Bhumor Mahalaxmi M.	Jaysingpur College, Jaysingpur	8956280424

Permission Letters From Different Colleges:

1. Permission Letter from New College, Kolhapur.



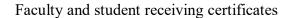
2. Permission Letter from Krishna Mahavidyalaya, Rethare Bk



3. Permission Letter from Karmaveer Hire Arts Science Commerce & Education College, Gargoti Date: 28.01.2019 To, The Registrar, Sanjay Ghodawat University, Atigre. Subject: Regarding permission to visit Department of Mathematics of SGU. Respected Sir, The "Sanjay Ghodawat University, Atigre" is one of the leading and renowned institutions in Maharashtra. As a part of the curriculum, the students are required to undertake Institutional visit. We feel it will be fruitful that the students with academic background have a glimpse of the institution in order to have the knowledge of upcoming opportunities and awareness of outer competitive world. In the above background, we would like to send a batch of 23 students of Mathematics Department of B. Sc. III accompanied by 1 staff members to visit your esteemed organization preferably on 29/01/2019. I request you, to kindly accord the necessary permission for the above visit and arrange for guiding the students. We assure you that our students will observe the rules and regulations and will not disturb the functioning of the institute during the visit. We shall be grateful for a favourable response. Thanking You, Yours faithfully Department Karmaveer Hire Arts, Science, Commerce & Education College Gargoti, Dist. Kolhapur. GARGOTI 416 209

Valedictory Function:

Valedictory function started in the presence of Dean Dr. L.N. Katkar sir at 4.30 pm. Miss. P.V. Patil briefed about various courses and other details about school of Science. After distributing the participation certificates and taking one group photo, we concluded the session.





Group Photo

Dr. A. K. Kulkarni	Mr. S.S. Salgare	Dr. A.D. Sawant
(Coordinator)	(Head & Convener)	Dean