



Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE

Congress Nagar, Nagpur - 440 012 (M.S.) INDIA

'A+' Grade with 3.51 CGPA in 3rd Cycle
College with Potential for Excellence

Recognised Centre for Higher Learning & Research
Institutional Member of APQN

A Mentor College under UGC PARAMARSH Scheme

An ISO 21001:2018 Certified Institution

NIRF 2024 Rank-band : 201-300



E-mail: shivajiscience_ngp@yahoo.com Web : www.sscnagpur.ac.in



4th Cycle

Assessment & Accreditation by NAAC

CRITERIA – V: STUDENT SUPPORT AND PROGRESSION Metric No. 5.1:
**Student Support 5.1.3 QnM: Percentage of Students benefitted by guidance for
Competitive examinations and career counselling offered by the institution during
last five years**

In the DVV under 5.1.3 the information asked for 3 activities is as following.

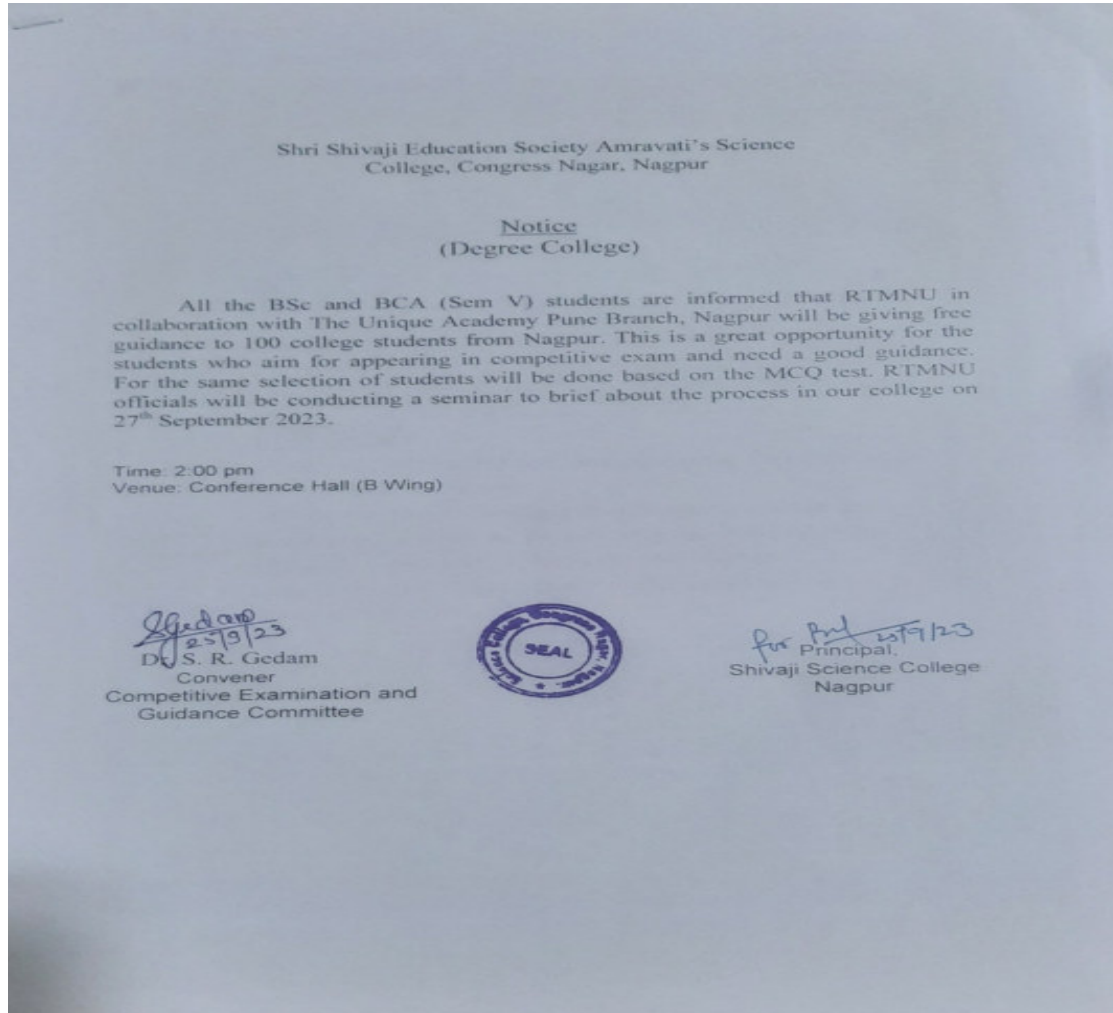
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Competitive Examination Cell Activity 2023-24

Competitive Examination Cell Activity 2023-2024

Seminar by Unique Academy Pune Branch, Nagpur



SSEA's Science College organizes

Seminar by Unique Academy, Pune Branch, Nagpur

“Preparation of MPSC, UPSC Examination”

Date: 27 Sept 2023

Time: 2:00 pm

राष्ट्रसंत तुकडोजी महाराज विद्यापीठ, नागपूर
द युनिक अॅकॅडमी, पुणे शाखा-नागपूर
यांच्या संयुक्त विद्यमाने

**स्पर्धा परीक्षा निःशुल्क मार्गदर्शनासाठी
निवड चाचणी परीक्षा**

✓ RTMNU कार्यक्षेत्राल येणाऱ्या सर्व जिल्ह्यांमधून 150 विद्यार्थ्यांना
स्पर्धा परीक्षा निःशुल्क मार्गदर्शन
(नागपूर - 75, वर्धा, भंडारा व गोंदिया जिल्ह्यांतील प्रत्येकी - 25 विद्यार्थी)

नियम व अटी

- ✓ RTMNU च्या कोणत्याही कोर्स/अभ्यासक्रम/शाखेचा विद्यार्थी सदर परीक्षेत निःशुल्क सहभागी होवू शकतात.
- ✓ निवड चाचणी परीक्षेत उत्तीर्ण झालेल्या सर्व विद्यार्थ्यांना त्यांच्या जिल्हाच्या ठिकाणी महाराष्ट्र अराजपत्रित गट 'ब' व गट 'क' (PSI/STI/ASO/SR/IO) तसेच क्लर्क, तलाठी, पोलीस भरती तसेच इतर स्पर्धा परीक्षांच्या अभ्यासक्रमाचे प्रत्यक्ष 'निःशुल्क मार्गदर्शन' द युनिक अॅकॅडमीच्या तज्ज्ञ व अनुभवी मार्गदर्शकांकडून केले जाईल.

परीक्षेचे स्वरूप : चस्तुनिष्ठ बहुपर्यायी (MCQ's)

वेळ : 1 तास	नकारात्मक गुणपद्धती : 1:4 / 1	परीक्षा दिनांक : 29 ऑक्टोबर, 2023
एकूण प्रश्न : 100	परीक्षेचा दर्जा : उच्च माध्यमिक स्तर	ठिकाण : नागपूर, वर्धा, भंडारा व गोंदिया
एकूण गुण : 100		

अधिक माहितीसाठी आपल्या महाविद्यालयातील प्राचार्यांशी अथवा
खासतः नंबरवर संपर्क साधावा
संपर्क : 8587995067 (द युनिक अॅकॅडमी, नागपूर)
स्पर्धेत सहभागी होण्यासाठी
खालील QR Code स्कॅन करावा.

UNIQUE academy

नोट : निवड चाचणी परीक्षेत पात्र न ठरलेल्या विद्यार्थ्यांना वरील कोर्स नागपूर फीसमध्ये त्यांच्या जिल्ह्याच्या ठिकाणी उपलब्ध.

तिसरा मजला, जे.पी. विल्डिंग, जी.एस. कॉलेजसमोर,
अमरावती रोड, धरमपेठ, नागपूर

Report of Seminar by Unique Academy

Date: 27-09-2023

A seminar was organized by Shivaji Science College for making students aware of Competitive examination after graduation . The seminar was delivered by Ms Anjali Jain, Tutor Unique Academy, Unique Institute of Higher learning Pvt. Ltd . 239 number of students attended the seminar. Students asked their queries to the speaker.



Ms. Ankita Jain , Guest Speaker, addressing the students



Students and Faculty members in the seminar



Students with Faculty from Unique Academy and Competitive examination and Guidance committee members

Action Taken:

A seminar based on preparation of UPSC and MPSC examination was organized by Shivaji Science College on 27-09-23. The speaker was Ms Anjali Jain, Faculty Unique Academy, Unique Institute of Higher learning Pvt. Ltd . 239 students attended the seminar.

Syllabus

Exams conducted by UPSC/ MPSC. Stages of Examination. Pattern of the Paper. Syllabus for UPSC and MPSC. Selection of Subject for the paper. Tips for preliminary preparation.

Time table

Date: 27 Sept 2023

Time: 2:00 p.m. – 3:30 p.m.

Attendance sheets of Students

Competitive Examination and Guidance Committee
Seminar on Free Guidance by RTMNU
Date: 27-9-2023

Sr. No	Name of Student	Group	Sign
1	Chetana Das	CMBT	<i>[Signature]</i>
2	Khushi Annadwan	BSc I st CMBT	<i>[Signature]</i>
3	Tarisha Jarmgeude	BSc I st CMBT	<i>[Signature]</i>
4	Shreya Jurekar	BSc I st CMBT	<i>[Signature]</i>
5	Abhinita S. Mahant	BSc I st CMBT	<i>[Signature]</i>
6	Rudhali R. Patil	BSc III rd Yr EGM	<i>[Signature]</i>
7	Rajeshwari A. Pradhan	BSc I st Yr PCM	<i>[Signature]</i>
8	Nupul Sontakkey	BSc III rd Yr EGM	<i>[Signature]</i>
9	Leela H. Kandelija	BSc III rd Yr EGM	<i>[Signature]</i>
10	Adarsh M. Sangwan	BSc - I PCM	<i>[Signature]</i>
11	Angal R. Yadav	BSc - I PCM	<i>[Signature]</i>
12	Kalyan Satave	BSc - I PCM	<i>[Signature]</i>
13	Himanshu Maske	BSc - I PCM	<i>[Signature]</i>
14	Danishana Kulkar	BSc - I PCM	<i>[Signature]</i>
15	Sakshi Raut	BSc - III PCM	<i>[Signature]</i>
16	Dnyaneshi Gajbhaye	BSc - III PCM	<i>[Signature]</i>
17	Vishnawi Dabare	BSc - III PCM	<i>[Signature]</i>
18	Vedanti Doble	BSc - III PCM	<i>[Signature]</i>
19	Aayesha Siddique	BSc - III PCM	<i>[Signature]</i>
20	Ritika Balodiya	BSc III PCM	<i>[Signature]</i>
21	Ruchi Meena	BSc III PCM	<i>[Signature]</i>
22	Preetiksha Telumbade	M.Sc. 2 nd Yr PCM	<i>[Signature]</i>
23	Shivani Vikhar	M.Sc. 2 nd Yr (Microbiol)	<i>[Signature]</i>
24	Kamal N. Nibrad	MSc 2 nd Yr (Micro)	<i>[Signature]</i>
25	Sejal Nilakare	MSc 2 nd Yr (Micro)	<i>[Signature]</i>
26	Tahmay Nagrale	BSc 3 rd Yr [PCM]	<i>[Signature]</i>
27	Swetha Pimpalkar	BSc 3 rd Yr [PCM]	<i>[Signature]</i>

1. Sonu Chanade	BSc II	<u>Sonude</u>
2. Yashika Bante	BSc II	<u>YBante</u>
3. Divya Karanble	BSc II	<u>DKaranble</u>
4. KhushRang B	BSc II	<u>KB</u>
5. Mandar Sulakhe	BSc II	<u>MSulakhe</u>
6. Anushka Astakar	BCA III	<u>AAstakar</u>
7. Deepanshu Surukar	BCA III	<u>DSurukar</u>
6. Ishita Kolhe	BCA III	<u>IKolhe</u>
7. Kounali Moon	BCA III	<u>KMoon</u>
8. Adnan Sheikh	BCA III	<u>ASheikh</u>
9. Anupra Nagdare	BCA III	<u>ANagdare</u>
10. Mohd Faizan	BCA III	<u>MFaizan</u>
11. T. Patil	BCA III	<u>TPatil</u>
12. Manish Sayam	BCA III	<u>MSayam</u>
13. Vishal Sahare	BCA III	<u>VSahare</u>
14. Yash Watekar	BCA III	<u>YWatekar</u>
15. Parag Giripunjy	BCA III	<u>PGiripunjy</u>
16. Lalit Lakade	BCA III	<u>LLakade</u>
17. Mohan Yesansure	BCA III	<u>MYesansure</u>
18. Keshav Chandekar	BCA III	<u>KChandekar</u>
19. Prathamesh Gupta	BCA III	<u>PGupta</u>
20. Anushbi Thakre	BCA III	<u>AThakre</u>
21. Divya Makade	BCA III	<u>DMakade</u>
22. Sanika Nipane	BCA III	<u>SNipane</u>
23. Riya Parate	BCA III	<u>RParate</u>
24. Sana Baro Siddiqui	BCA III	<u>SBaro</u>
25. NIDHI BORKAR	BCA III	<u>NBorkar</u>
26. Nandini Jodhan	BCA III	<u>NJodhan</u>

27. Sampriya Ganvir	BCA III	Bilimare
28. Janvi Kapre	BCA III	Kapre
30. Kajal Umare	BCA II	Kajal
31. Manima Basonate	BCA II	MB
32. Samiksha Bupare	BCA II	Bupare
33. Prachi Barde	BCA II	Barde
34. Tanushree Jaulkar	BCA II	Tanushree
35. Aditya Mane	BCA II	AMane
36. Vaishnavi Patil	BCA II	VPatil
37. SNEHA WANKAR	BCA II	WANKAR
38. Anupam Pandey	BCA II	APandey
39. Ekmath Kapse	BCA II	Kapse
40. H. Daf	BCA II	H Daf
41. NITESH PATRE	BCA II	N Patre
42. P. Sakare	BCA II	P Sakare
43. H. Takalichede	BCA II	H Takalichede
44. Khushi Bhagat	BCA II	Khushi
45. Shreyas Wagh	BCA II	Shreyas
46. T. Bhal	BCA II	T Bhal
47. V. Khandate	BCA II	V Khandate
48. A. Tarekar	BCA II	A Tarekar
49. T. Malghate	BCA II	T Malghate
50. D. Kamble	BCA II	D Kamble
51. Gaurav Rahangdale	BCA II	G Rahangdale
52. K. BAMBAL	BCA II	K Bambal
53. H. Gaidhane	BCA II	H Gaidhane
54. P. Guri	BCA I	P Guri
55. Ritik Bhautik	BCA I	R Bhautik
56. J. Saks	BCA I	J Saks

57. Rushabh Gaur	BCA-I	RGaur
58. Siddhant Khauskar	BCA-I	Siddhant
59. Yog Acharydale	BCA-I	Yog
60. Dhruv Budha	BCA-Z	D Budha
61. Akul Singh	BCA-I	Asingh
62. Shaawari Rajgure	BCA-I	Shay
63. Rajya Das	BCA-I	Rajya
64. Ojasvi Khope	BCA-I	Ojasvit
65. Ravina Atrahc	BCA-I	Ravina
66. H. Suthar	BCA-I	H Suthar
67. J. Talhar	BCA-I	J Talhar
68. Apesha Manwarke	BCA-I	Apesha
69. Kasak Kamati	BCA-I	Kasak
70. Ajeya Reut	BCA-I	Ajeya
71. D. Garade	BCA-I	D Garade
72. Shrutija Dable	BCA-I	Shrutija
73. N. Gajabe	BCA-I	N Gajabe
74. P. Dhomne	BCA-I	P Dhomne
75. Priya Tiwari	BCA-I	Priya
76. Rutika Chavan	BCA-I	Rutika
77. Saloni Kade	BCA-I	Saloni
78. Tanmayee Dhabekar	BCA-I	Tanmayee
79. V. Tajne	BCA-I	Vishal
80. Arjun Mendhe	BCA-I	Arjun
81. Bhanesh Mankar	BCA-I	Bhanesh
82. Hemang Dewathe	BCA-I	H Dewate
83. L. Weluskar	BCA-I	L Weluskar
84. M. Meshram	BCA-I	M Meshram
85. Parth Suryawansi	BCA-I	Parth
86. Rohan Chaudhari	BCA-I	Rohan

Seminar by Unique Academy, Pune Nagpur Branch

Name	Sign
1. Anushka M. Aidban	<u>Aidban</u>
2. Prachi B. Banoit	<u>Banoit</u>
3. Preet R. Charnalewar.	<u>Charnalewar</u>
4. Kashish R. Chauhan	<u>Chauhan</u>
5. Manasvi M. Deshbhaktar.	<u>Deshbhaktar</u>
6. Kartik G. Dighore	<u>Dighore</u>
7. Meghana K. Gaidhane	<u>Gaidhane</u> M.K. Gaidhane
8. Druvi W. Gadhane	<u>Gadhane</u>
9. Dhaxini S. Koronde	<u>Koronde</u>
10. Anjesh M. Kolare	<u>Kolare</u>
11. Pransav R. Khatse	<u>Khatse</u>
12. Animesh P. Khatkar	<u>Khatkar</u>
13. Krunali S. Kharat.	<u>Kharat</u>
14. Daxhan H. Keshika	<u>Keshika</u>
15. Rajiv V. Markar	<u>Markar</u>
16. Himani D. Maske	<u>Maske</u>
17. Mansi N. Khandare	<u>Khandare</u>
18. Anushka P. Naxnaware.	<u>Naxnaware</u>
19. Anchal K. Pandey	<u>Pandey</u>
20. Rajeshwari A. Pradhan.	<u>Pradhan</u>
21. Pralhad B. Rahangdale.	<u>Rahangdale</u>
22. Rasika S. Raut.	<u>Raut</u>
23. Shreya P. Raut.	<u>Raut</u>
24. Aditi M. Sangewar	<u>Sangewar</u>
25. Kalyani G. Satave.	<u>Satave</u>
26. Priya S. Singh.	<u>Singh</u>

87.	Sanyam Patil	BCA I	Sanyam
88.	Omkar Kukse	BCA I	Omkar
89.	V. Raghunandhi	BCA I	V. Raghunandhi
90.	Rupesh Tiwade	BCA I	Rupesh
91.	Vivek Indurkar	BSc I	Vivek
92.	Soham Jambde	BSc I	Soham
93.	Yash Santoshkar	BSc I	Yash
94.	Shirish Gawande	BSc I	Shirish
95.	P. Tiwari	BSc I	P. Tiwari
96.	Deeksha Trambach	BSc I	Deeksha
97.	Saant Chahande	BSc I	Saant
98.	Tashan Deshmukh	BSc I	Tashan
99.	H. Qazi	BSc I	H. Qazi
100.	B. Ghodmare	BSc I	B. Ghodmare
101.	J. Karde	BSc I	J. Karde
102.	Samyak Gajbhaye	BSc I	Samyak
103.	Rudra Kushe	BSc I	Rudra
104.	V. Manuade	BSc I	V. Manuade
105.	Shital Rangari	BSc I	Shital
106.	Payal Bagle	BSc I	Payal
107.	Madhuri Bawankar	BSc I	Madhuri
108.	Neharika Deyata	BSc I	Neharika
109.	P. Eshu	BSc I	P. Eshu
110.	K. Babde	BSc I	K. Babde
111.	Pradash Kari	BSc I	Pradash
112.	Anchal Purohit	BSc I	Anchal
113.	B. Dedariga	BSc I	B. Dedariga
114.	J. Bairagi	BSc I	J. Bairagi
115.	D. Dabholi	BSc I	D. Dabholi
116.	N. Raut	BSc I	N. Raut

85. Shiwani V. Khergade.	<u>Ahergade.</u>
86. Prunel M. Moxathe.	<u>Moxathe</u>
87. Prajwal P. Meshram	<u>Meshram</u>
88. Hemant V. Meshram	<u>Meshram.</u>
89. Mansi N. Nakhale.	<u>Mansi</u>
90. Radha V. Pawar.	<u>Pawar</u>
91. Aditi S. Rathod.	<u>Rathod</u>
92. Aushka Raut.	<u>Raut</u>
93. Riyel V Singh	<u>Singh</u>
94. Avantika G. Somkuwar.	<u>Somkuwar</u>
95. Sakshi S. Thakre.	<u>Thakre</u>
96. Ankita S. Tumsare.	<u>Tumsare..</u>
97. Namita K. Verma.	<u>Verma</u>
98. Aditya A. Waghmare.	<u>Waghmare</u>
99. Samit K. Waghmare.	<u>Waghmare -</u>
100. Pradnya M. Wasnik	<u>Wasnik</u>

58. Jash R. Jampalwar.	Jash.
Aurak P. Karkwade	Karkwade
59. Saniya C. Kedar	<u>Kedar</u>
60. Anobha N. Madan	Madan.
61. Nikhil S. Malik	Malik.
62. Tanvi S. Meshram	Meshram
63. Anyan M. Molghare.	Molghare
64. Dipali G. Nimkar.	Nimkar.
65. Sampada R. Raut.	Sampada
66. Pooja A. Rahang.	<u>Pooja</u>
67. Kushi Rahate	Rahate
68. Kalyani B. Rajpurahit.	Kalyani
69. Himanshi S. Raut.	Himanshi
70. Mohini V. Raut.	M. Raut
71. Rashmi S. Sharm.	<u>Rashmi</u>
72. Shahina A. Sheikh.	Shahina
73. Vaishnavi S. Shukla.	V. Shukla.
74. Ashwini S. Sidam	<u>Ashwini</u>
75. Pranav C. Tilakmare.	<u>Tilakmare</u>
76. Manasvi P. Uplowar.	M. Uplowar.
77. Nikita S. Vasade.	<u>Nikita...</u>
78. Yutika S. Zade.	Zade
79. Vedanti J. Fiske	Vedanti..
80. Tannu S. Fulzele.	Fulzele.
81. Prityonka K. Ghangare.	<u>Ghangare</u>
82. Sonal Gupta	Gupta
83. Madhavi D. Gupnale.	<u>Gupnale</u>
84. Rulujo J. Huke	<u>Huke</u>

27. Jiya I. Sakhadeve	Jiya
28. Prashik D. Tixepude	Prashik
29. Janhavi V. Wadhive	Janhavi
30. Himanshu D. Manche	Himanshu
31. Meenal S. Wanjade	Meenal
32. Anjali R. Yadav	Anjali
33. Chona V. Zotale	Chona
34. Khushi Bhagat	Khushi
35. Kaushal S. Bilkar	Kaushal
36. Akshad S. Chaudhan	Akshad
37. Janhavi P. Jakkawar	Janhavi
38. Shrutti Y. Khabregade	Shrutti
39. Shivani N. Mishra	Shivani
40. Anugrah A. Sharma	Anugrah
41. Aditya S. Sonkar	Aditya
42. Aadarsh S. Suvve	Aadarsh
43. Gaurav A. Dikay	Gaurav
44. Vaibhav K. Atik	Vaibhav
45. Rani B. Bahiza	Rani
46. Ranika M. Bopade	Ranika
47. Rakhi B. Chavhan	Rakhi
48. Gauri S. Dade	Gauri
49. Aishwarya M. Dhck	Aishwarya
50. Sajani B. Foddas	Sajani
51. Sneha L. Gaikwad	Sneha
52. Mansi S. Garjelwar	Mansi
53. Ayushxi A. Gawande	Ayushxi
54. Leynisha S. Gharbade	Leynisha
55. Tilak S. Gonnado	Tilak

**Shri Shivaji Education Society Amravati's Science College,
Congress Nagar, Nagpur**

Competitive Examination Seminar Feedback Form

Name of Student.....

Please rate the following aspects of the program on a scale from 1 to 4,
with 1 being "Poor" and 4 being "Excellent"

Q.1 How would you rate the overall quality of the seminar?

1 2 3 4

Q.2 How well did the seminar meet your expectations in terms of content?

1 2 3 4

Q.3 How effective were the seminar speakers in delivering the material?

1 2 3 4

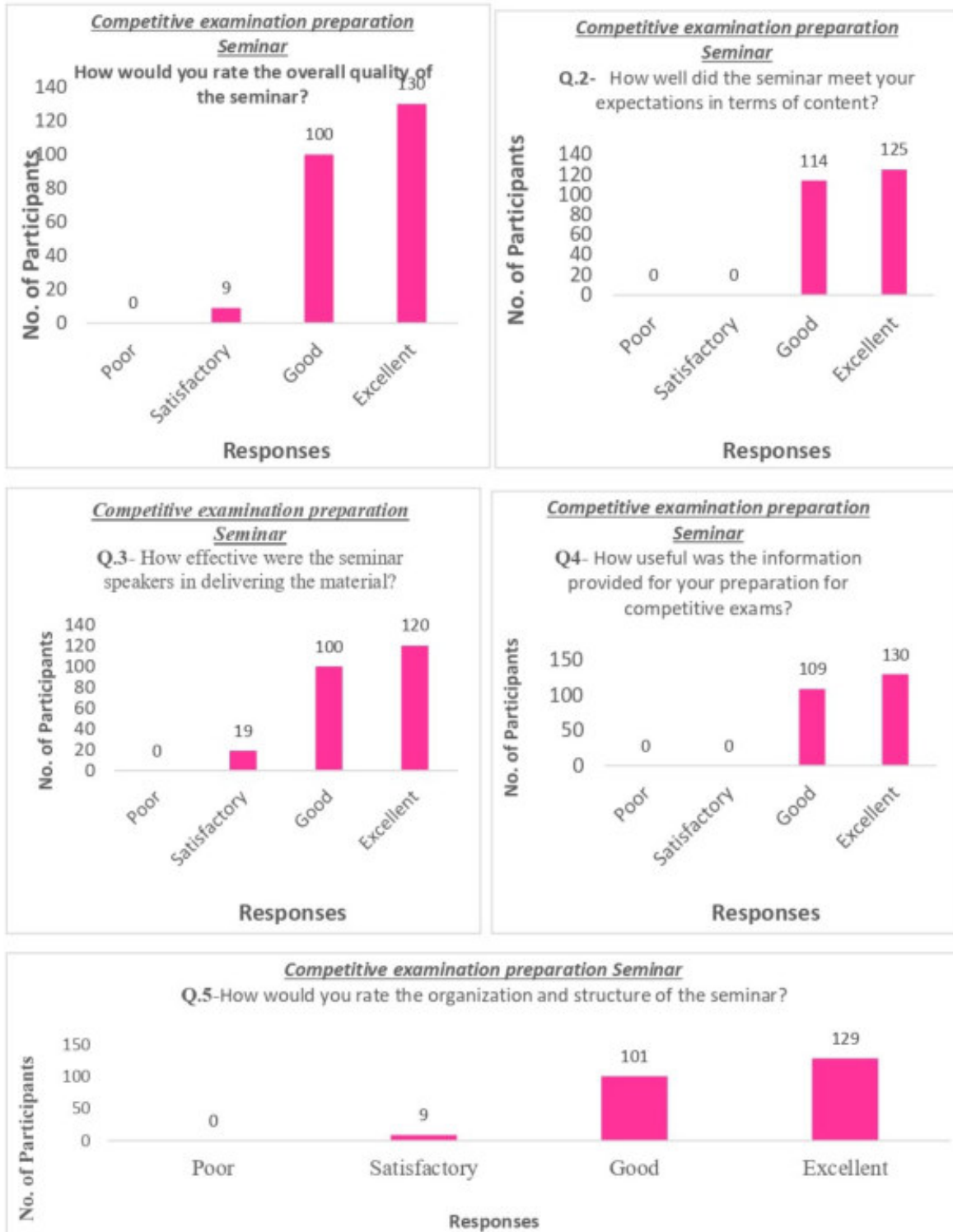
Q.4 How useful was the information provided for your preparation for competitive exams?

1 2 3 4

Q.5 How would you rate the organization and structure of the seminar?

1 2 3 4

Graphical Representation of Feedback



Guidance upon “Entrepreneurship: Gateway for Science Scholar” 2022-23

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

Date: 14/12/2022

Notice

The Department of Microbiology is organizing a State-Level Workshop on "Entrepreneurship: Gateway for Science Scholars," open to all students and teaching staff. The workshop will focus on the exciting possibilities at the crossroads of science and entrepreneurship. Students are especially encouraged to participate, as it offers valuable insights, practical knowledge, and networking opportunities.

Guest Speaker: Dr. Ashish Polkade
Founder
Bharat Eco Solution & Technologies, Pune.

Date: 20/12/2022

Time: 10:30 AM

Venue: Conference Hall
Science College, Nagpur



Dr. Omraj S. Deshmukh

Principal
Science College
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Microbiology**

Session 2022-2023

Organizes

**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

On the Occasion of Centenary Celebration of R.T.M. Nagpur University
DEPT. OF MICROBIOLOGY, SCIENCE COLLEGE, NAGPUR & BHARAT ECO SOLUTIONS & TECHNOLOGIES, PUNE

Jointly Organizes

**State Level Workshop
on
Entrepreneurship: Gateway for Science Scholars (EGSS-2022)**

By
Dr. Ashish Polkade
Founder
Bharat Eco Solutions & Technologies, Pune

Organizing Committee

Dr. Pranita Gulhane Convener	Prof. Atul Bobdey Coordinator	Prof. Mahendra Dhore Chairman & Principal
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Registration Fees: Rs. 200/-
Registration Link:
<https://forms.gle/uVGyb9YJni5mhJ8c7>

Venue: Conference Hall, Science College, Nagpur
Date: 20/12/2022
Time 11:00 AM onwards

Participants: P.G. Science Scholars
Contact: 9096039162
Website: <http://www.sscnagpur.ac.in>

Entrepreneurship Workshop Benefits

- Mindset, Skillset & Toolset to lead Career
- Right Knowledge, Right Systems & Strategies to build Career
- Certificate to all participants

**Shri Shivaji Education Society Amravati's Science College, Congress Nagar,
Nagpur Department of Microbiology**

Session 2022-2023

Organizes

**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

The Department of Microbiology, in collaboration with Bharat Eco Solutions & Technologies (BEST), Pune, organized a State-Level Workshop on “Entrepreneurship: Gateway for Science Scholars” on December 20, 2022. Over 200 participants from various colleges in Nagpur benefited from this workshop. The session was led by Dr. Ashish Polkade, an alumnus of the college and Founder of BEST, Pune. The program was inaugurated by the Hon’ble Principal, Prof. Mahendra P. Dhore, with Coordinator Prof. Atul Bobdey and Convener Dr. Pranita Gulhane also in attendance.

The workshop provided valuable insights into entrepreneurial opportunities for science scholars, highlighting practical steps and strategies for launching and managing successful ventures. Participants gained a deeper understanding of how to apply their scientific knowledge in the business world, paving the way for future innovation and career development.

Action taken: Approximately 200 students participated in the state-level workshop and greatly benefited from the event. The guest speaker provided highly valuable and practical information on entrepreneurship, offering insights that were both informative and inspiring. The program equipped students with actionable strategies for leveraging their scientific knowledge in entrepreneurial ventures. Feedback from participants indicated a high level of engagement and enthusiasm, reflecting the workshop's success in fostering a deeper understanding of entrepreneurial opportunities for science scholars.



“Entrepreneurship: Gateway for Science Scholars” workshop organized by Department of Microbiology on 20-12-2022



Dr. Ashish Polkade addressed the students on 20-12-2022



Students participating in the workshop and gaining valuable insights on 20-12-2022



**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Microbiology**

Session 2022-2023

Organizes

**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

List of Students enrolled

S.No	Time	Name of participants	Contact details	Name of institute
1.	12-17-2022 21:58:49	KOMAL NITIN NIBRAD	9881472821	Science college, Congress nagar, Nagpur
2.	12-18-2022 9:51:08	SAVITA BAJRANG KHANDATE	7507791380	Shivaji science college, Congress nagar, Nagpur.
3.	12-6-2022 17:45:04	SIDDHI SATISH UPLENCHWAR	7083031132	Science college , Congress Nagar , Nagpur
4.	12-6-2022 18:29:12	TANUJA SABLE	9370736559	Shivaji science college, Nagpur
5.	12-17-2022 21:47:47	Gauri Bhutad	7775049614	Shivaji Science college
6.	12-6-2022 18:41:27	SHRADDHA PRAMOD TIWARI	7499737191	Shivaji science college nagpur
7.	12-17-2022 22:55:21	Triveni Shantaram Pardhi	9373407960	Science College congress Nagar Nagpur
8.	12-6-2022 18:48:19	DIPTI CHARDE	9021459074	Science college Congress nagar nagpur
9.	12-17-2022	MANSI SANJAY BRAMHANKAR	9373225234	Shivaji Science college Nagpur

	21:15:35			
10.	12-17-2022 21:16:30	AKSHARA ANANTKUMAR IRKULWAR	9145187797	Shri shivaji science college Nagpur
11.	12-17-2022 23:38:56	JANHVI RAJKUMAR ZADE	7385860352	Shivaji Science College
12.	12-6-2022 22:28:28	TANAVI WASUDEORAO RAUT	7499284511	Science College Congress Nagar, Nagpur
13.	12-7-2022 22:45:46	Hiteshi Rajendra Wadibhasme	7378742322	Shivaji science college, congress nagar , nagpur
14.	12-7-2022 22:49:01	NISHA GAJANANRAO KHAPARDE	9307135366	Shivaji Science College, Congress Nagar, Nagpur
15.	12-8-2022 20:27:52	SEJAL UMESH NILATKAR	7218578244	Shri Shivaji Science College, Congress Nagar, Nagpur
16.	12-9-2022 11:19:56	JANHAVI PARBAT	7038347112	Science College, Congress Nagar, Nagpur, Maharashtra
17.	12-9-2022 12:32:35	SHIVANI RAVINDRA VIKHAR	9370114743	Shri Shivaji Science, Congress Nagar, Nagpur
18.	12-9-2022 12:38:24	Prachi purushottam thakur	9284456224	Shivaji science college
19.	12-9-2022 12:40:14	KANIZ AJJU SHEIKH	9595085358	SHIVAJI SCIENCE COLLEGE
20.	12-9-2022 14:42:36	VAIBHAV SUNIL JARONDE	8928976060	Shri Shivaji Science College Nagpur
21.	3-17-2023 21:53:04	KHUSHBU CHOUKIKER	7350769352	Khushbu Choukiker
22.	12-10-2022 22:48:49	Akansha Vijayrao Meshram	9322983684	Science college nagpur
23.	3-18-2023	Asmita amrut wagh	9146365924	Shri shivaji science

	0:11:35			college
24.	12-12-2022 12:29:39	Neha Dhanraj Mahant	8856924129	Shivaji science college
25.	12-17-2022 23:28:00	Aishwarya Sudhakar Mohatkar	7620617625	Shivaji Science College Congress Nagar, Nagpur
26.	12-12-2022 12:32:38	Vaishnavi Ishwar Wairagade	9518318498	Shri shivaji science Collage nagpur
27.	12-17-2022 21:36:50	VAISHNAVI RAJU NANNAWARE	9623194869	Shri shivaji science college nagpur
28.	12-12-2022 14:38:53	RUTIKA KOWE	9284470285	Science College
29.	12-12-2022 14:45:35	BHAGYASHREE KUSH UIKEY	9096753597	Science College
30.	12-12-2022 16:53:28	SUSHAMA DULICHAND LILHARE	9922972460	SHIVAJI SCIENCE COLLEGE NAGPUR.
31.	12-17-2022 22:45:38	Simran Vilas Bode	9322869187	Science college congress nagar nagpur
32.	12-13-2022 16:35:41	SHARVARI SUNIL KSHIRSAGAR	9090397419	Hislop College, Nagpur
33.	12-13-2022 17:03:24	SAKSHI. RAMPRAKASH. SARDA	7020486542	Hislop college nagpur
34.	12-13-2022 17:09:50	KULDEEP KAUR BHAGWANT SINGH	8983911813	Shri Mathuradas Mohota College of Science, Nagpur
35.	3-17-2023 21:09:59	NIMMI DILIP KUMBHARE	9325237175	Shivaji Science College Nagpur
36.	12-13-2022 22:15:52	VAISHNAVI MANOHAR SHENDE	9168500407	Shri shivaji science college
37.	12-14-2022	VANSHIKA ARUN	7798918744	Shivaji science college

	10:18:00	GANDHRE		
38.	12-14-2022 11:18:37	ROHIT ARUN JAYBHAYE	7066118085	DR. R. G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO
39.	12-14-2022 11:27:45	KIRAN PURUSHOTTAM PARATE	9145345475	DR. R. G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO
40.	12-14-2022 11:31:42	PRAPTI KISHOR BOKADE	7218071581	DR. R.G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO
41.	12-14-2022 11:41:27	SAKSHI NARENDRA PENDAMKAR	9765832592	Dr.R.G.BHOYAR ARTS, COMMERCE, SCIENCE COLLEGE,SELOO
42.	12-14-2022 12:13:52	DISHA SHARAD SOMNATHE	9075699722	DR.R.G. BHOYAR ARTS, COMMERCE SCIENCE COLLEGE SELOO
43.	12-17-2022 21:39:14	ASHWINi DILIP NANDANWAR	8600315178	Shivaji Science College Nagpur
44.	12-15-2022 16:29:31	ASHISH RAMESH CHIPPAWAR	8329227564	Dr. R. G Bhoyar Arts Commerce and Science college (Vidyabharti College), Seloo ,District - Wardha.
45.	12-15-2022 16:40:53	PRATHAMESH CHANDRAKANT DAF	9503111788	DR. R.G. Bhoyar Arts Commerce and Science College, (Vidyabharti college) Seloo, District - Wardha.
46.	12-16-2022 11:23:42	TAPASHU SHYAM PANCHBHAI	9552359198	SMM College of Science, Sakkardara, Nagpur
47.	12-16-2022 18:59:12	SANKET BABARAO BABHALE	7709070276	Dr. Ambedkar College, Deekshabhoomi, Nagpur.
48.	12-16-2022	NUTAN RAJESHWAR	9579276432	R.G.Bhoyar Art , commerce and science

	20:37:12	DHOBLE		college seloo dist Wardha
49.	12-16-2022 21:13:54	SAKSHI GANESH CHAVAN	7840904926	Sevadal mahila mahavidyalaya and research academy
50.	12-16-2022 22:07:05	SEJAL SANJAY BULKUNDE	9146102970	Shri Shivaji Science College, Nagpur
51.	12-16-2022 22:29:43	SAKSHI SHIVAJI MOHITE	7666109775	Shri Shivaji Science College Nagpur
52.	12-17-2022 11:14:09	ABHISHEK KUMBHARE	9730626698	Shri Mathuradas Mohota College of Science, Nagpur
53.	12-19-2022 13:29:08	Priya Damodhar Wankhede	7875324221	Sevadal mahila Mahavidyalaya
54.	12-17-2022 15:50:49	PRIYA ARUN TIJARE	9284554011	Dr. Ambedkar college nagpur
55.	12-17-2022 18:29:40	Rutuja Vaidya	8983617912	Sevadal mahila mahavidyala
56.	12-17-2022 19:31:59	MOHAMMAD UZAIR ABDUL AHAD	9579587302	S . K Porwal college kamptee
57.	12-17-2022 19:37:38	SAIMA FARHEEN	8806160610	S K porwal college kamptee
58.	12-17-2022 19:39:18	NEHA VIJAY JAWADE	9579237792	Dr. Ambedkar College Deeksha Bhoomi Nagpur
59.	12-17-2022 19:53:51	SHWETA CHAWLA	7887728700	S K Porwal college kamptee
60.	12-17-2022 20:48:53	ATUFA ANJUM MOHAMMAD MUSHTAQUE	7720958223	Seth Kesarimal Porwal College kamptee
61.	12-18-2022	GUNJAN SHARMA	9022791034	Shri Shivaji Science College, Nagpur

	10:37:56			
62.	12-18-2022 10:51:44	PRIYA BIMALKUMAR MAITY	7066243944	Shri shivaji science college, Nagpur.
63.	12-18-2022 8:51:05	JYOTI BISEN	7875987092	SSSESA
64.	12-18-2022 13:08:52	SHUBHANGI TOTARAMJI BARDE	9022091353	Shri Shivaji Science College Nagpur
65.	12-18-2022 13:40:34	SUPRIYA SUDESH POHARE	9130306539	Shivaji science college
66.	12-17-2022 19:41:07	MAYURI GANGADHAR DESHMUKH	8390459010	SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR
67.	12-15-2022 19:42:58	KUNDA JAGANNATH PARATE	7350840680	SHRI SHIVAJI SCIENCE COLLEGE NAGPUR
68.	12-15-2022 19:42:22	RASIKA DHANPAL BAWANKAR	9923524930	Shri Shivaji Science College Nagpur
69.	12-16-2022 21:36:25	Reshma Lilhare	8010659687	Shivaji science college Nagpur
70.	12-18-2022 14:48:11	KARISHMA PANDHARE	7719955201	SHIVAJI SCIENCE COLLEGE NAGPUR
71.	12-18-2022 15:00:56	ABHISHEK YADAV	9996518807	Shri shivaji science college, nagpur
72.	12-18-2022 15:20:14	RENU KISHOR PATNE	9075023106	Shri shivaji science college nagpur
73.	12-14-2022 20:58:31	Pooja Gajanan Balapure	9552370062	Shri Shivaji Science College, Nagpur
74.	12-18-2022	TRUPTI AKHARE	7694877534	SHRI SHIVAJI

	15:26:54			SCIENCE COLLEGE
75.	12-18-2022 15:30:53	PRITI DINESH PATLE	8830483594	Shri Shivaji Education Society Science College nagpur
76.	12-18-2022 15:44:19	TANUSHREE DEWAJI BHUJADE	7218019466	Shri Shivaji Science College
77.	12-18-2022 17:19:06	Anuja Moreshwar Kalse	7262875634	Shri Shivaji Science College
78.	12-18-2022 20:25:39	KANCHAN SEVAK GOTMARE	9356369170	Shri Mathuradas Mohota science college
79.	12-18-2022 20:27:57	Sarvesh Chandrashekhar Bagde	8600982446	Shri Shivaji Science College, Nagpur
80.	12-18-2022 20:30:58	PRANJALI SURESH NIMKAR	9834289434	Shri Mathuradas Mohota Science College, Nagpur
81.	12-18-2022 20:56:24	KALYANI THAKRE	7218496387	Shri Mathuradas Mohota college Science
82.	12-19-2022 8:31:23	SHRIKANT TRIPATHI	9174209319	Rtmnu Shri shivaji science college
83.	12-19-2022 9:14:52	Sweta ashok upase	8989083995	Shivaji science colleges nagpur
84.	12-19-2022 9:35:00	AMOL AJAY DHOTE	9881287972	Shri Shivaji Education Society Science College Nagpur
85.	12-19-2022 9:38:01	Sejal Mahendra Bharne	7057716634	Shri Shivaji Science College, Nagpur
86.	12-19-2022 9:54:45	Pranjali Singh	8668320819	Shri shivaji science college nagpur
87.	12-19-2022	CHAITANYA KOHAPARE	7350131943	SHIVAJI SCIENCE COLLEGE NAGPUR

	9:55:50			
88.	12-19-2022 10:25:15	Vasuki Dabhane	8669825681	Shri shivaji science college
89.	12-19-2022 10:38:37	TULIKA BANERJEE	9021937530	Shivaji Science
90.	12-19-2022 11:53:00	PRERNA TULSIDAS ZODEY	7709756424	Shri Mathuradas Mohota College of Science, Nagpur
91.	12-19-2022 12:09:35	PRACHI BALKRUSHNA SHENDE	8007558107	Sevadal Mahila Mahavidyalaya
92.	12-19-2022 12:45:22	RAKHI DILIPRAO JUMDE	7083120563/9359615392	Dr.Ambedkar college Deeksha Bhoomi nagpur
93.	12-19-2022 14:07:02	Shreyashree Jambhulkar	7709486200	Dr. Ambedkar College Nagpur
94.	12-19-2022 14:16:05	SIDDHI SATISH CHANDRA GIRAMKAR	8956160819	Dr. Ambedkar College Nagpur
95.	12-19-2022 14:36:05	APURVA VINAYAKRAO SHASTRAKAR	9373227540	Shri. Mathuradas Mohota College Of Science
96.	12-19-2022 14:46:02	MITALI PRAKASH TEMBHARE	8888776354	Shri mathuradas mohota college of science
97.	12-19-2022 14:54:51	SUVIDHA GIRDHARI HEDAU	8767386772	Sevadal Mahila Mahavidyalaya
98.	12-19-2022 15:00:09	VISHAKHA ASHOK THAKRE	8329709930	Shri Mathuradas Mohota College of science, Nagpur
99.	12-19-2022 15:22:25	KALYANI ARUN LAMBAT	9604977468	shri mathurada mohota college of science
100.	12-19-2022	SACHI CHAUHAN	93700495882	Dr Ambedkar College Nagpur

	16:06:05			
101.	12-19-2022 16:30:03	POOJA	9637315366	Ramaji pandav college
102.	12-19-2022 16:47:26	SHUBHAM PATHARE	7875526385	DR. AMBEDKAR COLLEGE NAGPUR
103.	12-19-2022 17:10:42	MANASVI SUHAS DESHMUKH	8805173926	Dr.Ambedkar College
104.	12-19-2022 19:02:55	DIMPAL SADASHIV WARGHANE	9309187297	Dr. Ambedkar college Dikshabhoomi Nagpur
105.	12-19-2022 20:09:46	SHRADDHA VISHNU PARASKAR	9067596202	Dr. Ambedkar College
106.	12-19-2022 21:12:44	PRACHI GHANSHYAM AGLAVE	7447293401 9325227154	Dr. Ambedkar College
107.	12-19-2022 22:26:05	NIKITA SHOBHARAM LUTE	9022337750	AMBEDKAR COLLEGE NAGPUR
108.	12-20-2022 10:44:27	Khushboo Gulabchand Jangid	9175124136	Shri Mathuradas Mohota College Of Science
109.	12-20-2022 10:44:50	RUTUJA RAJENDRA FARCADE	8669341885	Shri Mathuradas Mohota college of science
110.	12-20-2022 10:49:30	KAJAL SURESH MAGARE	9307578751	Shri Mathurdas Mohta Science College Nagpur
111.	12-17-2022 21:39:02	PRATIKSHA RAVINDRA TELTUMBADE	9075331233	SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
112.	12-17-2022 22:29:41	HARSHA PODDAR	8080274272	Shivaji Science College
113.	12-18-2022	TRUPTI YOGESH PADOLE	8669125946	SSESS's Science College, Nagpur.

	22:35:53			
114.	12-17-2022 23:55:37	SHUDHANSHU GOPAL PANDHAREY	7709777337	Shivaji science college Nagpur
115.	12-19-2022 9:09:17	VAISHNAVI SHIVHARE	9767961079	Shri Shivaji Science College
116.	12-18-2022 9:10:50	SMITA PURUSHOTTAM KHORGADE	9370236679	Shivaji Science College ,Congress Nagar, Nagpur
117.	12-18-2022 9:51:43	PRACHI PRALHAD KHOTELE	9373502769	Shree shivaji science college
118.	12-19-2022 10:01:17	SANA KHAN	9307440773	Shivaji science college
119.	12-17-2022 10:06:38	Manisha Sharma	9359097987	Shri Shivaji Science College, Nagpur
120.	12-15-2022 10:07:17	SUNIL CHANDRASHEKHAR JAMBHORE	9145345241	Shri shivaji science college Nagpur
121.	12-14-2022 10:07:53	NATASHA MAHAJAN	7387010925	Shivaji college
122.	12-19-2022 10:08:57	NISHANT BHOJRAJ DHOBAL	7758959035	Shri shivaji science
123.	12-18-2022 10:09:07	Bhagyashree shivshankar Bokde	9766234935	Shri shivaji science College Nagpur
124.	12-17-2022 10:09:33	Diksha Dilichaand Gedam	9370066517	Shivaji science college, nagpur
125.	12-18-2022 10:10:33	MAITHILI MANOJ KANCHANWAR	9834187403	SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR
126.	12-16-2022	SHIVANI RAUT	8669553384	Shivaji science college Nagpur

	10:11:46			
127.	12-17-2022 10:19:50	SAMIKSHA BHUJADE	8080941392	Shivaji science college, Nagpur
128.	12-16-2022 10:39:21	PRAKARSHA OMPRAKASH KHADSE	9834713909	SHRI SHIVAJI SCIENCE COLLEGE NAGPUR
129.	12-18-2022 11:07:11	Shruti mahadeo more	9075589261	Shivaji science college
130.	12-19-2022 11:42:33	SHASHANK TIDKE	7887390879	Shri Shivaji science college
131.	12-17-2022 11:43:00	ADITHYA KALLATTU	8308032237	Shivaji Science
132.	12-18-2022 11:44:11	ALEENA AZAM ANSARI	9823042182	Shri Shivaji Science College
133.	12-14-2022 11:44:34	AASAWARI PRABHANJAN NAIKWADE	8421744289	Shri Shivaji Science College
134.	12-18-2022 11:44:44	RONIT BANERJEE	9309522638	Shivaji Science College
135.	12-18-2022 11:44:53	Sanskriti arun mange	7020980922	Shivaji science College
136.	12-17-2022 11:44:54	RUSHALI	9399560342	Shri shivaji education society science college
137.	12-19-2022 11:45:03	SANIKA DILIP RAUT	8767946573	Shri Shivaji Science College
138.	12-19-2022 11:45:18	ISHITA RAMTEKE	9284633017	Shri Shivaji Science college
139.	12-18-2022	RAUNAK HIWARKAR	9156417238	SHRI SHIVAJI SCIENCE COLLEGE

	11:45:21			
140.	12-18-2022 11:45:34	KRUTIKA MAHESH DHAKATE	9145619440	Shri Shivaji Science College, Nagpur
141.	12-17-2022 11:45:59	ISHIKA PANDEY	7588997075	Shri. Shivaji science college congress nagar nagpur
142.	12-19-2022 11:46:02	YASHIKA PRAMOD BAGDE	9284629003	Shi shivaji science college Amravati nagpur
143.	12-18-2022 11:46:05	YASHASHREE DEVANAND MASURKAR	9518785401	Shri shivaji science college Congress nagar nagpur
144.	12-18-2022 11:46:19	TANVI DESHMUKH	9673336596	Shri Shivaji Science College , Nagpur
145.	12-18-2023 11:46:42	Dushant Borkar	7350066983	Shri Shivaji Science college Nagpur
146.	12-18-2022 11:47:42	SANKET	8390868194	Shivaji science college Congress Nagar Nagpur
147.	12-18-2022 11:47:46	NEHA SANJAY SONARKAR	8329681636	Shri shivaji science college, congress nagar, nagpur
148.	12-19-2022 11:47:53	HUMERA AFROZ	9689134428	Shivaji Science College Congress Nagar
149.	12-17-2022 11:47:54	TANMAY NAGARE	8421297480	Shri shivaji science
150.	12-19-2022 11:48:51	Harshal Sunil Nehare	9561440868	Shri Shivaji Science College Congress Nagar, Nagpur
151.	12-17-2022 11:48:58	SAMIKSHA KHOT	9503901748	Shivaji science college, nagpur
152.	12-18-2022	DHANASHREE DHOPTÉ	8888926908	Shri shivaji science college Nagpur

	11:49:26			
153.	12-17-2022 11:50:07	SALONI GIRISH RAUT	8530011594	Shri shivaji science college nagpur
154.	12-19-2022 11:55:15	MAITHALI THAKRE	7796135182	Shri shivaji science college
155.	12-18-2022 12:06:46	KAJAL JAITWAR	7058965024	Shri shivaji science
156.	12-19-2022 13:12:51	VISHAKHA PANDEY	7888197080	Shri Shivaji science college Nagpur
157.	12-18-2022 13:13:26	TANVI YASHWANT SAMARTH	8766082151	Shri shivaji science college nagpur
158.	12-19-2022 13:14:25	AISHWARYA TINKHEDE	9373798303	Shri Shivaji Science College
159.	12-18-2022 11:46:19	GOSWAMI LAXMI KISHOR	9673436596	Shri Shivaji Science College , Nagpur
160.	12-18-2023 14:46:42	GUPTA SHREYA	7350066983	Shri Shivaji Science college Nagpur
161.	12-18-2022 08:47:42	KALE MRUNALI CHANDRAJEET	7390868194	Shivaji science college Congress Nagar Nagpur
162.	12-18-2022 11:47:46	KARWADE AWAANI	7829681636	Shri shivaji science college, congress nagar, nagpur
163.	12-19-2022 12:47:53	KOLHE HARSHINI ARVIND	979134428	Shivaji Science College Congress Nagar
164.	12-17-2022 17:47:54	LONDE HARSHADA	8421597480	Shri shivaji science
165.	12-19-2022	Mude divya sudhakar	9561440868	Shri Shivaji Science College Congress Nagar,

	10:48:51			Nagpur
166.	12-17-2022 11:48:58	Mohod samruddhi satish	9516901748	Shivaji science college, nagpur
167.	12-18-2022 11:49:26	PARIHAR SHREYA	8288926908	Shri shivaji science college Nagpur
168.	12-17-2022 11:50:07	PATHADE MRUDULA PRAVIN	8560011594	Shri shivaji science college nagpur
169.	12-19-2022 11:55:15	PHAD ANURADDHA RAJABHAU	9796135182	Shri shivaji science college
170.	12-18-2022 11:46:19	Ansari ahana isha	9569336596	Shri Shivaji Science College , Nagpur
171.	12-18-2023 11:46:42	ARORA ANSHITA RITESH	7350066983	Shri Shivaji Science college Nagpur
172.	12-18-2022 08:47:42	BAISWARE RITIK JITU	8345868194	Shivaji science college Congress Nagar Nagpur
173.	12-18-2022 11:47:46	BAJANGHATE MOHINI VINOD	8786681636	Shri shivaji science college, congress nagar, nagpur
174.	12-19-2022 11:47:53	BANDUKIA SHEEFA MUNAF	9688934428	Shivaji Science College Congress Nagar
175.	12-17-2022 11:47:54	BANERJEE RONIT TAPAS	7851297480	Shri shivaji science
176.	12-19-2022 11:48:51	BARDE AKANKSHA ASHISH	9861440868	Shri Shivaji Science College Congress Nagar, Nagpur
177.	12-17-2022 10:48:58	Bhalavi namrata	9603901748	Shivaji science college, nagpur
178.	12-18-2022	BHOJEKAR VAISHNAVI MORESHWAR	8988926908	Shri shivaji science college Nagpur

	11:49:26			
179.	12-17-2022 10:50:07	BHOYAR SAMIKSHA KUSHABRAO	8560011594	Shri shivaji science college nagpur
180.	12-19-2022 11:55:15	ANSARI AHANA ISHA	7996135182	Shri shivaji science college
181.	12-18-2022 11:46:19	Anand akanksha	8973336596	Shri Shivaji Science College , Nagpur
182.	12-18-2023 11:46:42	Atram himanshi sanjay	7690066983	Shri Shivaji Science college Nagpur
183.	12-18-2022 11:47:42	Bhange astha ramesh	8360868194	Shivaji science college Congress Nagar Nagpur
184.	12-18-2022 12:47:46	BHATKULKAR SHAMAL	8969681636	Shri shivaji science college, congress nagar, nagpur
185.	12-19-2022 11:47:53	BHONGADE VEDANT SUDHIR	7889134428	Shivaji Science College Congress Nagar
186.	12-17-2022 11:47:54	Dahayat isha	9821297480	Shri shivaji science
187.	12-19-2022 11:48:51	DEKAPURKWAR SHIVAM	8561440868	Shri Shivaji Science College Congress Nagar, Nagpur
188.	12-17-2022 11:48:58	DHENGE KIRAN SUNIL	9603901748	Shivaji science college, nagpur
189.	12-18-2022 16:49:26	GALBALE DIKSHITA RAMDAS	9888926908	Shri shivaji science college Nagpur
190.	12-17-2022 10:50:07	JADHAO EKTA LOKCHAND	8530011596	Shri shivaji science college nagpur
191.	12-19-2022	ANAND AKANKSHA SANKET	7796135589	Shri shivaji science college

	18:55:15			
192.	12-18-2022 11:46:19	Badwaik priyanshu prashant	9673336569	Shri Shivaji Science College , Nagpur
193.	12-18-2023 11:46:42	Belekar siddhant manish	7350066583	Shri Shivaji Science college Nagpur
194.	12-18-2022 11:47:42	BHAGAT ANUSHA MOHAN	8390866294	Shivaji science college Congress Nagar Nagpur
195.	12-18-2022 11:47:46	BHATTACHARYA SRISHTY ANUP	8329685936	Shri shivaji science college, congress nagar, nagpur
196.	12-19-2022 10:47:53	BHAWALKAR REETA PRAKASH	9689133628	Shivaji Science College Congress Nagar
197.	12-17-2022 11:47:54	BOKSE OM	8421225680	Shri shivaji science
198.	12-19-2022 11:48:51	BUNDE SAMPADA VIKAS	7891440868	Shri Shivaji Science College Congress Nagar, Nagpur
199.	12-17-2022 11:48:58	Dadmali Himani	9363901748	Shivaji science college, nagpur
200.	12-18-2022 11:49:26	Dave Anjali	7828926908	Shri shivaji science college Nagpur

Pranita Gulhane

Dr. Pranita Gulhane



Amitabh Halder

Dr. Amitabh Halder
IQAC Coordinator
Internal Quality Assurance Cell (IQAC)
S. S. E. S. A. Science College
Congress Nagar, Nagpur.

Omraj S. Deshmukh

Dr. Omraj S. Deshmukh
Principal
S. S. E. S. Amravati's
Science College, Nagpur.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Microbiology**

Organizes

**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

Attendance sheet

S.No	Time	Name of participants	Contact details	Name of institute	Signature
1.	3-17-2023 21:58:49	KOMAL NITIN NIBRAD	9881472821	Science college, Congress nagar, Nagpur	<i>M. Nibrad</i>
2.	3-18-2023 9:51:08	SAVITA BAJRANG KHANDATE	7507791380	Shivaji science college, Congress nagar, Nagpur.	<i>Savita</i>
3.	12-6-2022 17:45:04	SIDDHI SATISH UPLENCHWAR	7083031132	Science college , Congress Nagar , Nagpur	<i>Siddhi</i>
4.	12-6-2022 18:29:12	TANUJA SABLE	9370736559	Shivaji science college, Nagpur	<i>T. Sable</i>
5.	3-17-2023 21:47:47	Gauri Bhutad	7775049614	Shivaji Science college	<i>Gauri</i>
6.	12-6-2022 18:41:27	SHRADDHA PRAMOD TIWARI	7499737191	Shivaji science college nagpur	<i>TS Tiwari</i>
7.	3-17-2023 22:55:21	Triveni Shantaram Pardhi	9373407960	Science College congress Nagar Nagpur	<i>Triveni</i>
8.	12-6-2022 18:48:19	DIPTI CHARDE	9021459074	Science college Congress nagar nagpur	<i>D. Charde</i>
9.	3-17-2023 21:15:35	MANSI SANJAY BRAMHANKAR	9373225234	Shivaji Science college Nagpur	<i>M. Bramhankar</i>
10.	3-17-2023 21:16:30	AKSHARA ANANTKUMAR IRKULWAR	9145187797	Shri shivaji science college Nagpur	<i>Akshara</i>
11.	3-17-2023 23:38:56	JANHVI RAJKUMAR ZADE	7385860352	Shivaji Science College	<i>J. Zade</i>
12.	12-6-2022 22:28:28	TANAVI WASUDEORAO RAUT	7499284511	Science College Congress Nagar, Nagpur	<i>Tanavi</i>
13.	12-7-2022 22:45:46	Hiteshi Rajendra Wadibhasme	7378742322	Shivaji science college, congress nagar , nagpur	<i>H. Wadibhasme</i>
14.	12-7-2022 22:49:01	NISHA GAJANANRAO KHAPARDE	9307135366	Shivaji Science College, Congress Nagar, Nagpur	<i>N. Khaparde</i>
15.	12-8-2022 20:27:52	SEJAL UMESH NILATKAR	7218578244	Shri Shivaji Science College, Congress Nagar, Nagpur	<i>Sejal</i>
16.	12-9-2022 11:19:56	JANHAVI PARBAT	7038347112	Science College, Congress Nagar, Nagpur, Maharashtra	<i>J. Parbat</i>
17.	12-9-2022 12:32:35	SHIVANI RAVINDRA VIKHAR	9370114743	Shri Shivaji Science, Congress Nagar, Nagpur	<i>S. Vikhar</i>
18.	12-9-2022 12:38:24	Prachi purushottam thakur	9284456224	Shivaji science college	<i>P. Thakur</i>
19.	12-9-2022 12:40:14	KANIZ AJJU SHEIKH	9595085358	SHIVAJI SCIENCE COLLEGE	<i>K. Sheikh</i>

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20.	12-9-2022 14:42:36	VAIBHAV SUNIL JARONDE	8928976060	Shri Shivaji Science College Nagpur	<u>Jaronde</u>
21.	3-17-2023 21:53:04	KHUSHBU CHOUKIKER	7350769352	Khushbu Choukiker	<u>Kchoukiker</u>
22.	12-10- 2022 22:48:49	Akansha Vijayrao Meshram	9322983684	Science college nagpur	<u>Akansha</u>
23.	3-18-2023 0:11:35	Asmita amrut wagh	9146365924	Shri shivaji science college	<u>Amrita</u>
24.	12-12- 2022 12:29:39	Neha Dhanraj Mahant	8856924129	Shivaji science college	<u>Neha</u>
25.	3-17-2023 23:28:00	Aishwarya Sudhakar Mohatkar	7620617625	Shivaji Science College Congress Nagar, Nagpur	<u>Mohatkar</u>
26.	12-12- 2022 12:32:38	Vaishnavi Ishwar Wairagade	9518318498	Shri shivaji science Collage nagpur	<u>V. Wairagade</u>
27.	3-17-2023 21:36:50	VAISHNAVI RAJU NANNAWARE	9623194869	Shri shivaji science college nagpur	<u>V. Nannaw</u>
28.	12-12- 2022 14:38:53	RUTIKA KOWE	9284470285	Science College	<u>Rkove</u>
29.	12-12- 2022 14:45:35	BHAGYASHREE KUSH UIKEY	9096753597	Science College	<u>Bhagya</u>
30.	12-12- 2022 16:53:28	SUSHAMA DULICHAND LILHARE	9922972460	SHIVAJI SCIENCE COLLEGE NAGPUR.	<u>S. Lilhare</u>
31.	3-17-2023 22:45:38	Simran Vilas Bode	9322869187	Science college congress nagar nagpur	<u>Sbode</u>
32.	12-13- 2022 16:35:41	SHARVARI SUNIL KSHIRSAGAR	9090397419	Hislop College, Nagpur	<u>Sharvaji</u>
33.	12-13- 2022 17:03:24	SAKSHI. RAMPRAKASH. SARDA	7020486542	Hislop college nagpur	<u>S. Sarde</u>
34.	12-13- 2022 17:09:50	KULDEEP KAUR BHAGWANT SINGH	8983911813	Shri Mathuradas Mohota College of Science, Nagpur	<u>Singh</u>
35.	3-17-2023 21:09:59	NIMMI DILIP KUMBHARE	9325237175	Shivaji Science College Nagpur	<u>Nimmi</u>
36.	12-13- 2022 22:15:52	VAISHNAVI MANOHAR SHENDE	9168500407	Shri shivaji science college	<u>Shende</u>
37.	12-14- 2022 10:18:00	VANSHIKA ARUN GANDHRE	7798918744	Shivaji science college	<u>Gandhre</u>

38.	12-14-2022 11:18:37	ROHIT ARUN JAYBHAYE	7066118085	DR. R. G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO	R. Jaybhaye
39.	12-14-2022 11:27:45	KIRAN PURUSHOTTAM PARATE	9145345475	DR. R. G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO	K-Parate
40.	12-14-2022 11:31:42	PRAPTI KISHOR BOKADE	7218071581	DR. R.G. BHOYAR ARTS, COMMERCE AND SCIENCE COLLEGE SELOO	Pokade
41.	12-14-2022 11:41:27	SAKSHI NARENDRA PENDAMKAR	9765832592	Dr.R.G.BHOYAR ARTS, COMMERCE, SCIENCE COLLEGE,SELOO	Spendamkar
42.	12-14-2022 12:13:52	DISHA SHARAD SOMNATHE	9075699722	DR.R.G. BHOYAR ARTS, COMMERCE SCIENCE COLLEGE SELOO	Disha
43.	3-17-2023 21:39:14	ASHWINI DILIP NANDANWAR	8600315178	Shivaji Science College Nagpur	Anandnwar
44.	12-15-2022 16:29:31	ASHISH RAMESH CHIPPAWAR	8329227564	Dr. R. G Bhojar Arts Commerce and Science college (Vidyabharti College), Seloo ,District - Wardha.	Ashish
45.	12-15-2022 16:40:53	PRATHAMESH CHANDRAKANT DAF	9503111788	DR. R.G. Bhojar Arts Commerce and Science College, (Vidyabharti college) Seloo, District - Wardha.	Prath
46.	12-16-2022 11:23:42	TAPASHU SHYAM PANCHBHAI	9552359198	SMM College of Science, Sakkardara, Nagpur	Tapashu
47.	12-16-2022 18:59:12	SANKET BABARAO BABHALE	7709070276	Dr. Ambedkar College, Deekshabhoomi, Nagpur.	Sanket
48.	12-16-2022 20:37:12	NUTAN RAJESHWAR DHOBLE	9579276432	R.G.Bhojar Art , commerce and science college seloo dist Wardha	N. Dhole
49.	12-16-2022 21:13:54	SAKSHI GANESH CHAVAN	7840904926	Sevadal mahila mahavidyalaya and research academy	S. Chavan
50.	12-16-2022 22:07:05	SEJAL SANJAY BULKUNDE	9146102970	Shri Shivaji Science College, Nagpur	Sjal

51.	12-16-2022 22:29:43	SAKSHI SHIVAJI MOHITE	7666109775	Shri Shivaji Science College Nagpur	<u>Mohite</u>
52.	12-17-2022 11:14:09	ABHISHEK KUMBHARE	9730626698	Shri Mathuradas Mohota College of Science, Nagpur	<u>Kumbhare</u>
53.	12-19-2022 13:29:08	Priya Damodhar Wankhede	7875324221	Sevadal mahila Mahavidyalaya	<u>Wankhede</u>
54.	12-17-2022 15:50:49	PRIYA ARUN TIJARE	9284554011	Dr. Ambedkar college nagpur	<u>P.Tijare</u>
55.	12-17-2022 18:29:40	Rutuja Vaidya	8983617912	Sevadal mahila mahavidyala	<u>Rutuja Vaidya</u>
56.	12-17-2022 19:31:59	MOHAMMAD UZAIR ABDUL AHAD	9579587302	S . K Porwal college kamptee	<u>Muzaid</u>
57.	12-17-2022 19:37:38	SAIMA FARHEEN	8806160610	S K porwal college kamptee	<u>Saima</u>
58.	12-17-2022 19:39:18	NEHA VIJAY JAWADE	9579237792	Dr. Ambedkar College Deeksha Bhoomi Nagpur	<u>N.Jawade</u>
59.	12-17-2022 19:53:51	SHWETA CHAWLA	7887728700	S K Porwal college kamptee	<u>Shweta</u>
60.	12-17-2022 20:48:53	ATUFA ANJUM MOHAMMAD MUSHTAQUE	7720958223	Seth Kesarimal Porwal College kamptee	<u>Atu Mushtaque</u>
61.	12-18-2022 10:37:56	GUNJAN SHARMA	9022791034	Shri Shivaji Science College, Nagpur	<u>G.Sharma</u>
62.	12-18-2022 10:51:44	PRIYA BIMALKUMAR MAITY	7066243944	Shri shivaji science college, Nagpur.	<u>Priya</u>
63.	3-18-2023 8:51:05	JYOTI BISEN	7875987092	SSSESA	<u>J.Bisen</u>
64.	12-18-2022 13:08:52	SHUBHANGI TOTARAMJI BARDE	9022091353	Shri Shivaji Science College Nagpur	<u>Shubhangi</u>
65.	12-18-2022 13:40:34	SUPRIYA SUDESH POHARE	9130306539	Shivaji science college	<u>Supriya</u>
66.	3-17-2023 19:41:07	MAYURI GANGADHAR DESHMUKH	8390459010	SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR	<u>M.Deshmukh</u>

67.	3-17-2023 19:42:58	KUNDA JAGANNATH PARATE	7350840680	SHRI SHIVAJI SCIENCE COLLEGE NAGPUR	Kunda
68.	3-17-2023 19:42:22	RASIKA DHANPAL BAWANKAR	9923524930	Shri Shivaji Science College Nagpur	<u>Bawankar.</u>
69.	3-17-2023 21:36:25	Reshma Lilhare	8010659687	Shivaji science college Nagpur	<u>Reshma</u>
70.	12-18- 2022 14:48:11	KARISHMA PANDHARE	7719955201	SHIVAJI SCIENCE COLLEGE NAGPUR	<u>Pandhare</u>
71.	12-18- 2022 15:00:56	ABHISHEK YADAV	9996518807	Shri shivaji science college, nagpur	<u>Yadav.</u>
72.	12-18- 2022 15:20:14	RENU KISHOR PATNE	9075023106	Shri shivaji science college nagpur	<u>Renu</u>
73.	3-17-2023 20:58:31	Pooja Gajanan Balapure	9552370062	Shri Shivaji Science College, Nagpur	<u>Pooja B</u>
74.	12-18- 2022 15:26:54	TRUPTI AKHARE	7694877534	SHRI SHIVAJI SCIENCE COLLEGE	<u>Trupti</u>
75.	12-18- 2022 15:30:53	PRITI DINESH PATLE	8830483594	Shri Shivaji Education Society Science College nagpur	<u>Priti patle</u>
76.	12-18- 2022 15:44:19	TANUSHREE DEWAJI BHUJADE	7218019466	Shri Shivaji Science College	<u>Tanushree</u>
77.	12-18- 2022 17:19:06	Anuja Moreshwar Kalse	7262875634	Shri Shivaji Science College	<u>A kalse</u>
78.	12-18- 2022 20:25:39	KANCHAN SEVAK GOTMARE	9356369170	Shri Mathuradas Mohota science college	<u>Gotmare.</u>
79.	12-18- 2022 20:27:57	Sarvesh Chandrashekhar Bagde	8600982446	Shri Shivaji Science College, Nagpur	<u>S. Bagde</u>
80.	12-18- 2022 20:30:58	PRANJALI SURESH NIMKAR	9834289434	Shri Mathuradas Mohota Science College, Nagpur	<u>P. Nimkar</u>
81.	12-18- 2022 20:56:24	KALYANI THAKRE	7218496387	Shri Mathuradas Mohota college Science	<u>Kalyani</u>
82.	12-19- 2022 8:31:23	SHRIKANT TRIPATHI	9174209319	Rtmnu Shri shivaji science college	<u>Tripathi</u>
83.	12-19- 2022 9:14:52	Sweta ashok upase	8989083995	Shivaji science colleges nagpur	<u>Sweta</u>

84.	12-19-2022 9:35:00	AMOL AJAY DHOTE	9881287972	Shri Shivaji Education Society Science College Nagpur	<u>A Dhote</u>
85.	12-19-2022 9:38:01	Sejal Mahendra Bharne	7057716634	Shri Shivaji Science College, Nagpur	<u>Sejal</u>
86.	12-19-2022 9:54:45	Pranjali Singh	8668320819	Shri shivaji science college nagpur	<u>P. Singh</u>
87.	12-19-2022 9:55:50	CHAITANYA KOHAPARE	7350131943	SHIVAJI SCIENCE COLLEGE NAGPUR	<u>Chaitanya</u>
88.	12-19-2022 10:25:15	Vasuki Dabhane	8669825681	Shri shivaji science college	<u>V Dabhane</u>
89.	12-19-2022 10:38:37	TULIKA BANERJEE	9021937530	Shivaji Science	<u>T Banerjee</u>
90.	12-19-2022 11:53:00	PRERNA TULSIDAS ZODEY	7709756424	Shri Mathuradas Mohota College of Science, Nagpur	<u>Prerna</u>
91.	12-19-2022 12:09:35	PRACHI BALKRUSHNA SHENDE	8007558107	Sevadal Mahila Mahavidyalaya	<u>Prachi</u>
92.	12-19-2022 12:45:22	RAKHI DILIPRAO JUMDE	7083120563/93 59615392	Dr. Ambedkar college Deeksha Bhoomi nagpur	<u>Rakhi</u>
93.	12-19-2022 14:07:02	Shreyashree Jambhulkar	7709486200	Dr. Ambedkar College Nagpur	<u>S Jambhulkar</u>
94.	12-19-2022 14:16:05	SIDDHI SATISH CHANDRA GIRAMKAR	8956160819	Dr. Ambedkar College Nagpur	<u>Siddhi</u>
95.	12-19-2022 14:36:05	APURVA VINAYAKRAO SHASTRAKAR	9373227540	Shri. Mathuradas Mohota College Of Science	<u>A Purva</u>
96.	12-19-2022 14:46:02	MITALI PRAKASH TEMBHARE	8888776354	Shri mathuradas mohota college of science	<u>Mitali</u>
97.	12-19-2022 14:54:51	SUVIDHA GIRDHARI HEDAU	8767386772	Sevadal Mahila Mahavidyalaya	<u>S Vidya</u>
98.	12-19-2022 15:00:09	VISHAKHA ASHOK THAKRE	8329709930	Shri Mathuradas Mohota College of science, Nagpur	<u>Vishakha</u>
99.	12-19-2022 15:22:25	KALYANI ARUN LAMBAT	9604977468	shri mathurada mohota college of science	<u>Kambal</u>

100.	12-19-2022 16:06:05	SACHI CHAUHAN	93700495882	Dr Ambedkar College Nagpur	<u>Sachin</u>
101.	12-19-2022 16:30:03	POOJA	9637315366	Ramaji pandav college	<u>Pooja</u>
102.	12-19-2022 16:47:26	SHUBHAM PATHARE	7875526385	DR. AMBEDKAR COLLEGE NAGPUR	<u>Shubham</u>
103.	12-19-2022 17:10:42	MANASVI SUHAS DESHMUKH	8805173926	Dr.Ambedkar College	<u>Manasvi</u>
104.	12-19-2022 19:02:55	DIMPAL SADASHIV WARGHANE	9309187297	Dr. Ambedkar college Dikshabhoomi Nagpur	<u>Dimpal Warghane</u>
105.	12-19-2022 20:09:46	SHRADDHA VISHNU PARASKAR	9067596202	Dr. Ambedkar College	<u>Paraske</u>
106.	12-19-2022 21:12:44	PRACHI GHANSHYAM AGLAVE	7447293401 9325227154	Dr. Ambedkar College	<u>Prachi</u>
107.	12-19-2022 22:26:05	NIKITA SHOBHARAM LUTE	9022337750	AMBEDKAR COLLEGE NAGPUR	<u>N.Lute</u>
108.	12-20-2022 10:44:27	Khushboo Gulabchand Jangid	9175124136	Shri Mathuradas Mohota College Of Science	<u>KJangid</u>
109.	12-20-2022 10:44:50	RUTUJA RAJENDRA FARKADE	8669341885	Shri Mathuradas Mohota college of science	<u>Rutuja Farkade</u>
110.	12-20-2022 10:49:30	KAJAL SURESH MAGARE	9307578751	Shri Mathurdas Mohta Science College Nagpur	<u>Kajal</u>
111.	3-17-2023 21:39:02	PRATIKSHA RAVINDRA TELTUMBADE	9075331233	SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR	<u>Pratiksha Tumbade</u>
112.	3-17-2023 22:29:41	HARSHA PODDAR	8080274272	Shivaji Science College	<u>H.Poddar</u>
113.	3-17-2023 22:35:53	TRUPTI YOGESH PADOLE	8669125946	SSESS's Science College, Nagpur.	<u>Trupti</u>
114.	3-17-2023 23:55:37	SHUDHANSHU GOPAL PANDHAREY	7709777337	Shivaji science college Nagpur	<u>Shudhanshu</u>
115.	3-18-2023 9:09:17	VAISHNAVI SHIVHARE	9767961079	Shri Shivaji Science College	<u>Shivhare</u>
116.	3-18-2023 9:10:50	SMITA PURUSHOTTAM KHORGADDE	9370236679	Shivaji Science College ,Congress Nagar, Nagpur	<u>S.Khorgade</u>
117.	3-18-2023 9:51:43	PRACHI PRALHAD KHOTELE	9373502769	Shree shivaji science college	<u>Prachi</u>

118.	3-18-2023 10:01:17	SANA KHAN	9307440773	Shivaji science college	<i>Sana</i>
119.	3-18-2023 10:06:38	Manisha Sharma	9359097987	Shri Shivaji Science College, Nagpur	<i>Manisha</i>
120.	3-18-2023 10:07:17	SUNIL CHANDRASHEKHAR JAMBHORE	9145345241	Shri shivaji science college Nagpur	<i>Sunil</i>
121.	3-18-2023 10:07:53	NATASHA MAHAJAN	7387010925	Shivaji college	<i>Natasha</i>
122.	3-18-2023 10:08:57	NISHANT BHOJRAJ DHOBAL	7758959035	Shri shivaji science	<i>Nishant</i>
123.	3-18-2023 10:09:07	Bhagyashree shivshankar Bokde	9766234935	Shri shivaji science College Nagpur	<i>Bhagyashree</i>
124.	3-18-2023 10:09:33	Diksha Dilichaand Gedam	9370066517	Shivaji science college, nagpur	<i>Diksha</i>
125.	3-18-2023 10:10:33	MAITHILI MANOJ KANCHANWAR	9834187403	SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR	<i>Maithili</i>
126.	3-18-2023 10:11:46	SHIVANI RAUT	8669553384	Shivaji science college Nagpur	<i>Shivani</i>
127.	3-18-2023 10:19:50	SAMIKSHA BHUJADE	8080941392	Shivaji science college, Nagpur	<i>Samiksha</i>
128.	3-18-2023 10:39:21	PRAKARSHA OMPRAKASH KHADSE	9834713909	SHRI SHIVAJI SCIENCE COLLEGE NAGPUR	<i>Prakasha</i>
129.	3-18-2023 11:07:11	Shruti mahadeo more	9075589261	Shivaji science college	<i>Shruti</i>
130.	3-18-2023 11:42:33	SHASHANK TIDKE	7887390879	Shri Shivaji science college	<i>Shashank</i>
131.	3-18-2023 11:43:00	ADITHYA KALLATTU	8308032237	Shivaji Science	<i>Adithya</i>
132.	3-18-2023 11:44:11	ALEENA AZAM ANSARI	9823042182	Shri Shivaji Science College	<i>Aleena</i>
133.	3-18-2023 11:44:34	AASAWARI PRABHANJAN NAIKWADE	8421744289	Shri Shivaji Science College	<i>Aasawari</i>
134.	3-18-2023 11:44:44	RONIT BANERJEE	9309522638	Shivaji Science College	<i>Ronit</i>
135.	3-18-2023 11:44:53	Sanskriti arun mange	7020980922	Shivaji science College	<i>Sanskriti</i>
136.	3-18-2023 11:44:54	RUSHALI	9399560342	Shri shivaji education society science college	<i>Rushali</i>
137.	3-18-2023 11:45:03	SANIKA DILIP RAUT	8767946573	Shri Shivaji Science College	<i>Sanika</i>
138.	3-18-2023 11:45:18	ISHITA RAMTEKE	9284633017	Shri Shivaji Science college	<i>Ishta</i>
139.	3-18-2023 11:45:21	RAUNAK HIWARKAR	9156417238	SHRI SHIVAJI SCIENCE COLLEGE	<i>Raunak</i>

140.	3-18-2023 11:45:34	KRUTIKA MAHESH DHAKATE	9145619440	Shri Shivaji Science College, Nagpur	<u>Krutika</u>
141.	3-18-2023 11:45:59	ISHIKA PANDEY	7588997075	Shri. Shivaji science college congress nagar nagpur	<u>IshikaPandey</u>
142.	3-18-2023 11:46:02	YASHIKA PRAMOD BAGDE	9284629003	Shi shivaji science college Amravati nagpur	<u>Bagde</u>
143.	3-18-2023 11:46:05	YASHASHREE DEVANAND MASURKAR	9518785401	Shri shivaji science college Congress nagar nagpur	<u>Mansurkar</u>
144.	3-18-2023 11:46:19	TANVI DESHMUKH	9673336596	Shri Shivaji Science College, Nagpur	<u>T.Deshmukh</u>
145.	3-18-2023 11:46:42	Dushant Borkar	7350066983	Shri Shivaji Science college Nagpur	<u>D. Borkar</u>
146.	3-18-2023 11:47:42	SANKET	8390868194	Shivaji science college Congress Nagar Nagpur	<u>Sanket</u>
147.	3-18-2023 11:47:46	NEHA SANJAY SONARKAR	8329681636	Shri shivaji science college, congress nagar, nagpur	<u>NSonarkar</u>
148.	3-18-2023 11:47:53	HUMERA AFROZ	9689134428	Shivaji Science College Congress Nagar	<u>Humera Afroz</u>
149.	3-18-2023 11:47:54	TANMAY NAGARE	8421297480	Shri shivaji science	<u>Tanmay</u>
150.	3-18-2023 11:48:51	Harshal Sunil Nehare	9561440868	Shri Shivaji Science College Congress Nagar, Nagpur	<u>Harshal</u>
151.	3-18-2023 11:48:58	SAMIKSHA KHOT	9503901748	Shivaji science college, nagpur	<u>S.Khot</u>
152.	3-18-2023 11:49:26	DHANASHREE DHOPTA	8888926908	Shri shivaji science college Nagpur	<u>Dhopta</u>
153.	3-18-2023 11:50:07	SALONI GIRISH RAUT	8530011594	Shri shivaji science college nagpur	<u>Saloni</u>
154.	3-18-2023 11:55:15	MAITHALI THAKRE	7796135182	Shri shivaji science college	<u>M.Thakre</u>
155.	3-18-2023 12:06:46	KAJAL JAITWAR	7058965024	Shri shivaji science	<u>Kajal</u>
156.	3-18-2023 13:12:51	VISHAKHA PANDEY	7888197080	Shri Shivaji science college Nagpur	<u>V.Pandey</u>
157.	3-18-2023 13:13:26	TANVI YASHWANT SAMARTH	8766082151	Shri shivaji science college nagpur	<u>T. Samarth</u>
158.	3-18-2023 13:14:25	AISHWARYA TINKHEDE	9373798303	Shri Shivaji Science College	<u>A.Tinkhede</u>

159.	12-18-2022 11:46:19	GOSWAMI LAXMI KISHOR		Shri Shivaji Science College, Nagpur	Laxmi G
160.	12-18-2023 14:46:42	GUPTA SHREYA	9673436596	Shri Shivaji Science college Nagpur	Shreya
161.	12-18-2022 08:47:42	KALE MRUNALI CHANDRAJEET	7350066983	Shivaji science college Congress Nagar Nagpur	M. Kale
162.	12-18-2022 11:47:46	KARWADE AWAANI	7390868194	Shri shivaji science college, congress nagar, nagpur	A. karwade
163.	12-19-2022 12:47:53	KOLHE HARSHINI ARVIND	7829681636	Shivaji Science College Congress Nagar	AK
164.	12-17-2022 17:47:54	LONDE HARSHADA	979134428	Shri shivaji science	Harshada
165.	12-19-2022 10:48:51	Mude divya sudhakar	8421597480	Shri Shivaji Science College Congress Nagar, Nagpur	D.S. Mude
166.	12-17-2022 11:48:58	Mohod samruddhi satish	9561440868	Shivaji science college, nagpur	Samruddhi
167.	12-18-2022 11:49:26	PARIHAR SHREYA	9516901748	Shri shivaji science college Nagpur	Shreya
168.	12-17-2022 11:50:07	PATHADE MRUDULA PRAVIN	8288926908	Shri shivaji science college nagpur	Pravin
169.	12-19-2022 11:55:15	PHAD ANURADDHA RAJABHAU	8560011594	Shri shivaji science college	Anuradha
170.	12-18-2022 11:46:19	Ansari ahana isha	9796135182	Shri Shivaji Science College , Nagpur	Isha
171.	12-18-2023 11:46:42	ARORA ANSHITA RITESH	9569336596	Shri Shivaji Science college Nagpur	Anuradha
172.	12-18-2022 08:47:42	BAISWARE RITIK JITU	7350066983	Shivaji science college Congress Nagar Nagpur	Baisware
173.	12-18-2022 11:47:46	BAJANGHATE MOHINI VINOD	8345868194	Shri shivaji science college, congress nagar, nagpur	Mohini
174.	12-19-2022 11:47:53	BANDUKIA SHEEFA MUNAF	8786681636	Shivaji Science College Congress Nagar	Bandukia
175.	12-17-2022 11:47:54	BANERJEE RONIT TAPAS	9688934428	Shri shivaji science	Ronit
176.	12-19-2022 11:48:51	BARDE AKANKSHA ASHISH	7851297480	Shri Shivaji Science College	A
			9861440868		

				Congress Nagar, Nagpur	
177.	12-17-2022 10:48:58	Bhalavi namrata	9603901748	Shivaji science college, nagpur	N. Bhalavi
178.	12-18-2022 11:49:26	BHOJEKAR VAISHNAVI MORESHWAR	8988926908	Shri shivaji science college Nagpur	Viish
179.	12-17-2022 10:50:07	Bhoyar Samiksha Kushabrao	8560011594	Shri shivaji science college nagpur	Samiksha.
180.	12-19-2022 11:55:15	ANSARI AHANA ISHA	7996135182	Shri shivaji science college	Aa
181.	12-18-2022 11:46:19	Anand akanksha	8973336596	Shri Shivaji Science College , Nagpur	Aa
182.	12-18-2023 11:46:42	Atram himanshi sanjay	7690066983	Shri Shivaji Science college Nagpur	H.Atram
183.	12-18-2022 11:47:42	Bhange astha ramesh	8360868194	Shivaji science college Congress Nagar Nagpur	ASTHA
184.	12-18-2022 12:47:46	BHATKULKAR SHAMAL	8969681636	Shri shivaji science college, congress nagar, nagpur	Shamal
185.	12-19-2022 11:47:53	BHONGADE VEDANT SUDHIR	7889134428	Shivaji Science College Congress Nagar	BHONGADE
186.	12-17-2022 11:47:54	Dahayat isha	9821297480	Shri shivaji science	Ishat
187.	12-19-2022 11:48:51	DEKAPURKWAR SHIVAM	8561440868	Shri Shivaji Science College Congress Nagar, Nagpur	S. Datar
188.	12-17-2022 11:48:58	DHENGE KIRAN SUNIL	9603901748	Shivaji science college, nagpur	Kiran
189.	12-18-2022 16:49:26	GALBALE DIKSHITA RAMDAS	9888926908	Shri shivaji science college Nagpur	GALBALE
190.	12-17-2022 10:50:07	JADHAO EKTA LOKCHAND	8530011596	Shri shivaji science college nagpur	Ekta
191.	12-19-2022 18:55:15	ANAND AKANKSHA SANKET	7796135589	Shri shivaji science college	Anand
192.	12-18-2022 11:46:19	Badwaik priyanshu prashant	9673336569	Shri Shivaji Science College , Nagpur	Priyanshu
193.	12-18-2023 11:46:42	Belekar siddhant manish	7350066583	Shri Shivaji Science college Nagpur	Siddhant
194.	12-18-2022 11:47:42	BHAGAT ANUSHA MOHAN	8390866294	Shivaji science college Congress Nagar Nagpur	Anusha

195.	12-18-2022 11:47:46	BHATTACHARYA SRISHTY ANUP	8329685936	Shri shivaji science college, congress nagar, nagpur	<i>S. S. E. S. A.</i>
196.	12-19-2022 10:47:53	BHAWALKAR REETA PRAKASH	9689133628	Shivaji Science College Congress Nagar	<i>REETA-B</i>
197.	12-17-2022 11:47:54	BOKSE OM	8421225680	Shri shivaji science	<i>Om B.</i>
198.	12-19-2022 11:48:51	BUNDE SAMPADA VIKAS	7891440868	Shri Shivaji Science College Congress Nagar, Nagpur	<i>Sampada.</i>
199.	12-17-2022 11:48:58	Dadmal Himani	9363901748	Shivaji science college, nagpur	<i>Halder</i>
200.	12-18-2022 11:49:26	Dave Anjali	7828926908	Shri shivaji science college Nagpur	<i>Anjali Dave</i>

Pranita Gulhane

Dr. Pranita Gulhane



Omraj S. Deshmukh

Dr. Omraj S. Deshmukh
Principal
S. S. E. S. Amravati's
Science College, Nagpur.

Amitabh Halder

Dr. Amitabh Halder
IQAC Coordinator
Internal Quality Assurance Cell
(IQAC)
S. S. E. S. A. Science College
Congress Nagar, Nagpur.

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur
Department of Microbiology**

Organizes

**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

FEEDBACK FORM

Q.1) Rate the Program.

- a) Excellent
- b) Good
- c) Satisfied

Q.2) Overall effectiveness of the lecture.

- a) Excellent
- b) Good
- c) Satisfied

Q.3) What is your opinion about the speaker?

- a) Excellent
- b) Good
- c) Satisfied

Q.4) Did the lecture cover what you were expecting?

- a) Yes
- b) No

Q.5) Would you like to participate in such upcoming activities?

- a) Yes
- b) No

**Shri Shivaji Education Society Amravati's Science College,
Congress Nagar, Nagpur**
**Department of
Microbiology**

Session 2022-2023

Organizes

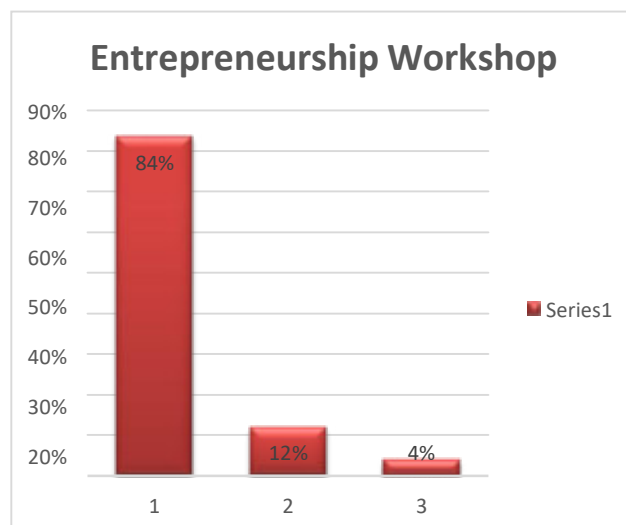
**State Level Workshop on
“Entrepreneurship: Gateway for Science Scholars”**

Date: 20-12-2022

FEEDBACK RESPONSES

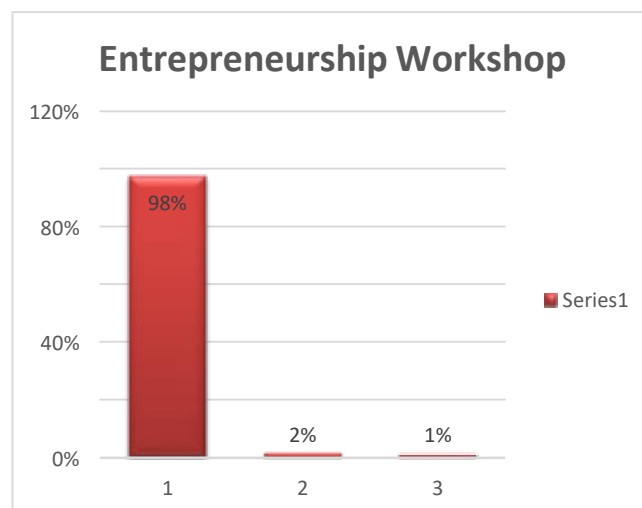
Q.1) Rate the Program.

Rating	No. of Students	Percentage
Excellent	180	98%
Good	15	8 %
Satisfactory	5	3 %
Total	200	100%



Q.2) Over-all effectiveness of the lecture.

Rating	No. of Students	Percentage
Excellent	195	98%
Good	3	2%
Satisfactory	2	1%
Total	200	100%



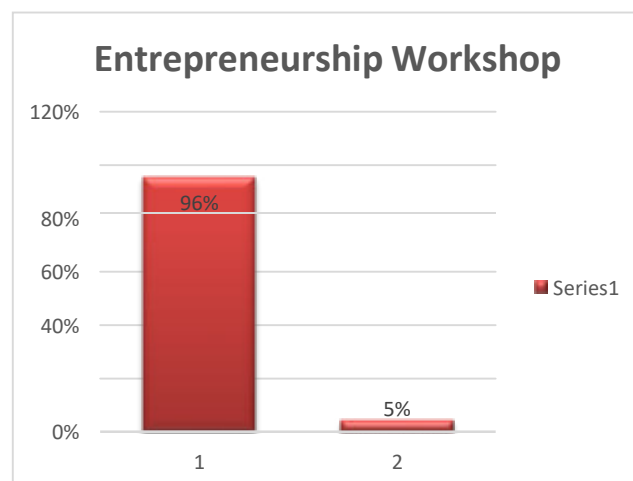
Q.3) What is your opinion about the speaker?

Rating	No. of Students	Percentage
Excellent	169	85%
Good	19	10%
Satisfactory	12	6%
Total	200	100%



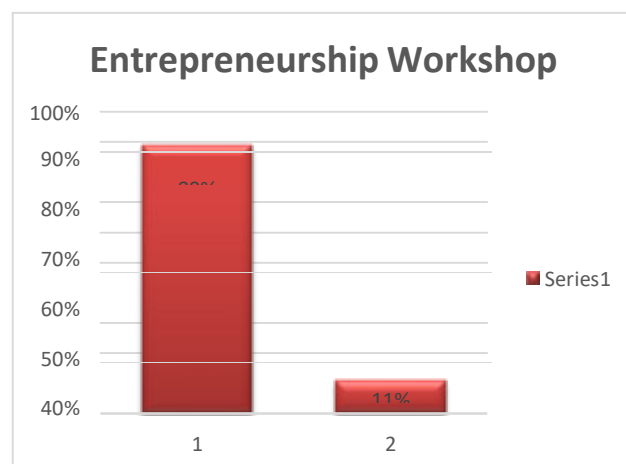
Q.4) Did the lecture cover what you were expecting?

Rating	No of Students	Percentage
Yes	191	96%
No	9	5%
Total	200	100%



Q.5) Would you like to participate in such upcoming activities?

Rating	No of Students	Percentage
Yes	178	89%
No	22	11%
Total	200	100%



Pranita Gulhane

Dr. Pranita Gulhane

Competitive Examination Guidance series for GATE,JAM, NET/SET - 2022-23

SSES Amt's Science College, Congress Nagar, Nagpur

Competitive Exam Guidance Series

Session 2022-23

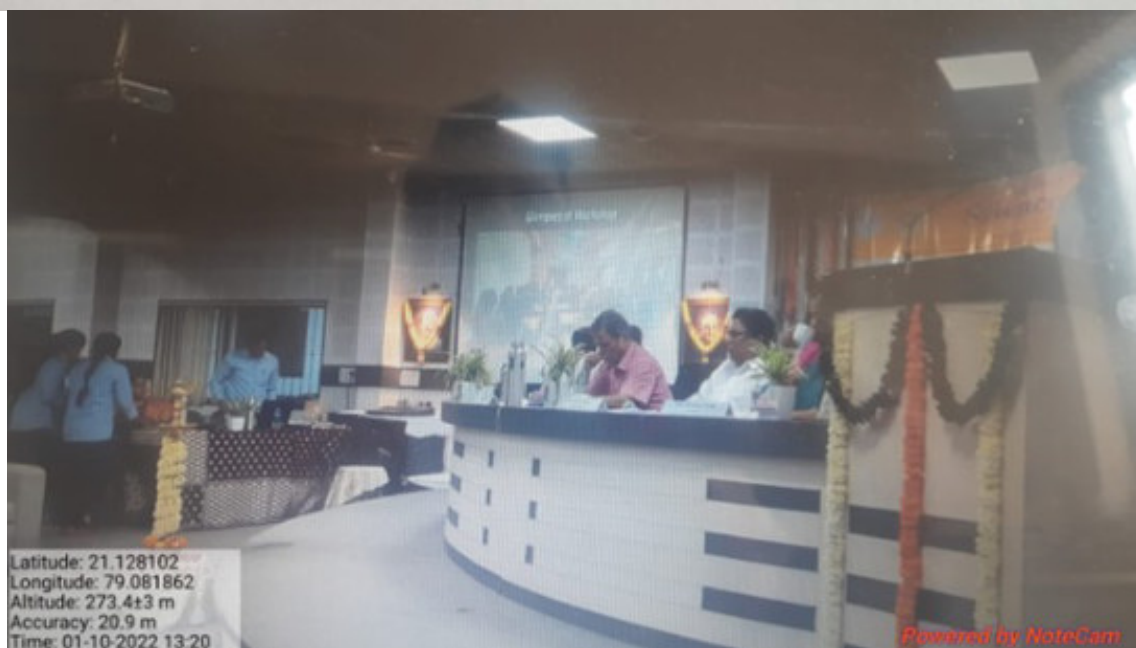
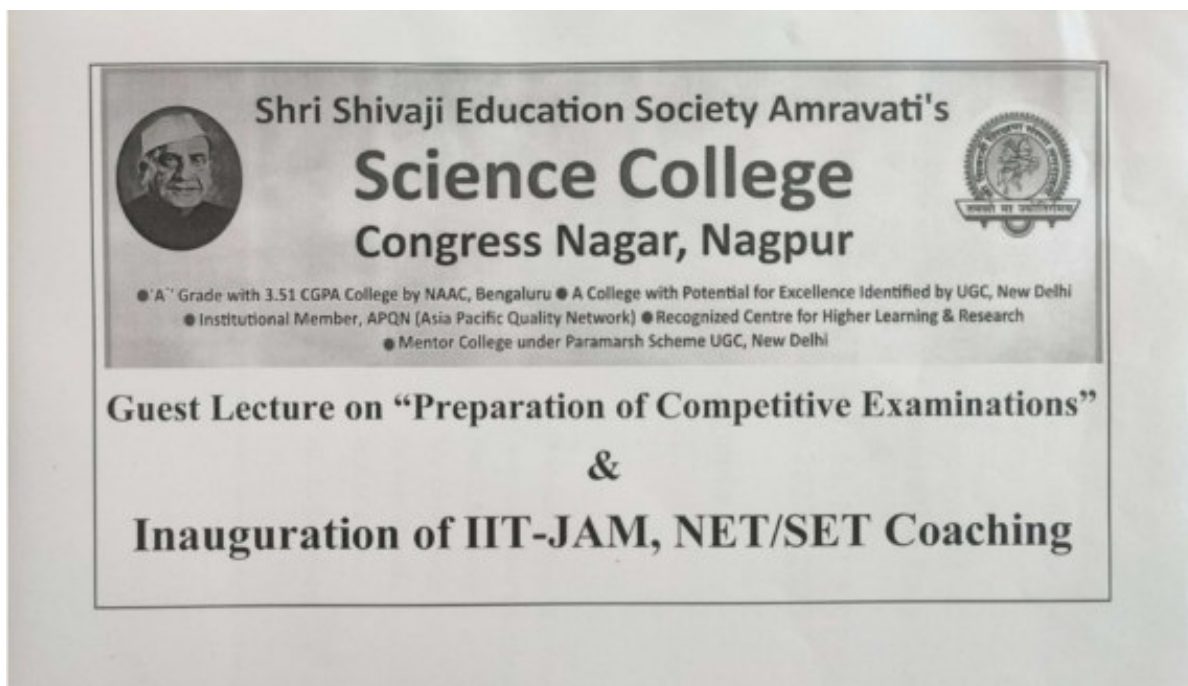
The Competitive Exam Guidance Committee was established in the academic year 2022-2023 with the primary objective of providing structured guidance and support to B.Sc. and M.Sc. students aspiring to appear for various competitive exams. These exams include, but are not limited to, GATE, JAM, NET, and other similar national and international assessments.

The committee has organized various activities and initiatives to achieve its objectives. These include:

Sr. No.	Event	Topic	Date	Time
1	Guest Lecture	Preparation of Competitive Examinations	October 1, 2022	2:00 pm
2	Guest Lecture	Comprehensive Guide to JAM Preparation	October 6, 2022	2:00 pm
3	Guest Lecture	Preparing for NET: Key Focus Areas	November 12, 2022	1:30 pm

Number of Students enrolled

1. Lavanya Talnikar
2. Jyoti Chavan
3. Tanuja Shinde
4. Vaishnavi Dabare
5. Stuti Karotiya
6. Kalash Barsagade
7. Abhinav Gotmare
8. Keshav Bhagat
9. Pawan Dongre
10. Mayor Shivankar
11. Dipak S Vaidya
12. Pallavi k Khadse
13. Ankita Fuzele
14. Pinkee Khobte
15. Shivani Borade
16. Saniya Turak
17. Dhanshree Dhante
18. Rahul khangar
19. Viplav Dhoke
20. Bhumesh Uikey
21. Kajal Sodiya

Guest Lectures:**Inaugural Session:****Speaker:** Dr. Lakhe, Director, IAS Coaching Centre, Nagpur**Topic:** "Preparation of Competitive Examinations"**Date:** October 1, 2022

Expert Dr. Lakhe and Guidance committee members



Students attending the Talk

Attendance

Seminar Lecture : Preparation of Competitive Examinations

Time : 1:00 pm

Date : 1-10-2022

1. Lavanya Telwkar LTelwkar
2. Vaishnavi Dhabare VDhabare
3. Stuti Karotiya SK
4. Kalash Barshgada KBarshgada
5. Abhinav Gotmare AGotmare
6. Keshav Bhagat KeshavB
7. Dipak S. Vaidya DVaidya
8. Karishma Yelne YelneK
9. Shivani Borade SBorade
10. Rahul Khargad RahulKhargad

IIT JAM Physics Syllabus 2023

Mathematical Methods:

Calculus of single and multiple variables, partial derivatives, Jacobian, imperfect and perfect differentials, Taylor expansion, Fourier series. Vector algebra, Vector Calculus, Multiple integrals, Divergence theorem, Green's theorem, Stokes' theorem. First-order equations and linear second-order differential equations with constant coefficients. Matrices and determinants, Algebra of complex numbers.

Mechanics and General Properties of Matter:

Newton's laws of motion and applications, Velocity and acceleration in Cartesian, polar and cylindrical coordinate systems, uniformly rotating frame, centrifugal and Coriolis forces, Motion under a central force, Kepler's laws, Gravitational Law and field, Conservative and non-conservative forces. System of particles, Center of mass, equation of motion of the CM, conservation of linear and angular momentum, conservation of energy, variable mass systems. Elastic and inelastic collisions. Rigid body motion, fixed axis rotations, rotation and translation, moments of Inertia and products of Inertia, parallel and perpendicular axes theorem. Principal moments and axes. Kinematics of moving fluids, equation of continuity, Euler's equation, Bernoulli's theorem.

Oscillations, Waves and Optics:

Differential equation for simple harmonic oscillator and its general solution. Superposition of two or more simple harmonic oscillators. Lissajous figures. Damped and forced oscillators, resonance. Wave equation, traveling, and standing waves in one-dimension. Energy density and energy transmission in waves. Group velocity and phase velocity. Sound waves in media. Doppler Effect. Fermat's Principle. General theory of image formation. Thick lens, thin lens, and lens combinations. Interference of light, optical path retardation. Fraunhofer diffraction. Rayleigh criterion and resolving power. Diffraction gratings. Polarization: linear, circular, and elliptic polarization. Double refraction and optical rotation.

Electricity and Magnetism:

Coulomb's law, Gauss's law. Electric field and potential. Electrostatic boundary conditions, Solution of Laplace's equation for simple cases. Conductors, capacitors, dielectrics, dielectric polarization, volume and surface charges, electrostatic energy. Biot-Savart law, Ampere's law, Faraday's law of electromagnetic induction, Self and mutual inductance. Alternating currents. Simple DC and AC circuits with R, L, and C components. Displacement current, Maxwell's equations and plane electromagnetic waves, Poynting's theorem, reflection, and refraction at a dielectric interface, transmission, and reflection coefficients (normal incidence only). Lorentz Force and motion of charged particles in electric and magnetic fields.

Kinetic theory, Thermodynamics:

Elements of Kinetic theory of gases. Velocity distribution and Equipartition of energy. Specific heat of Mono-, di- and tri-atomic gases. Ideal gas, van-der-Waals gas, and equation of state. Mean free path. Laws of thermodynamics. Zeroth law and the concept of thermal equilibrium. First law and its consequences. Isothermal and adiabatic processes. Reversible, irreversible, and quasi-static processes. Second law and entropy. Carnot cycle. Maxwell's thermodynamic relations and simple applications. Thermodynamic potentials and their applications. Phase transitions and Clausius-Clapeyron equation. Ideas of ensembles, Maxwell-Boltzmann, Fermi-Dirac, and Bose-Einstein distributions.

Modern Physics:

Inertial frames and Galilean invariance. Postulates of special relativity. Lorentz transformations. Length contraction, time dilation. Relativistic velocity addition theorem, mass-energy equivalence. Blackbody radiation, photoelectric effect, Compton effect, Bohr's atomic model, X-rays. Wave-particle duality, Uncertainty principle, the superposition principle, calculation of expectation values, Schrödinger equation, and its solution for one, two, and three-dimensional boxes. Solution of Schrödinger equation for the one-dimensional harmonic oscillator. Reflection and transmission at a step potential, Pauli exclusion principle. Structure of the atomic nucleus, mass, and binding energy. Radioactivity and its applications. Laws of radioactive decay.

Solid State Physics, Devices, and Electronics:

Crystal structure, Bravais lattices, and basis. Miller indices. X-ray diffraction and Bragg's law; Intrinsic and extrinsic semiconductors, variation of resistivity with temperature. Fermi level. p-n junction diode, I-V characteristics, Zener diode, and its applications, BJT: characteristics in CB, CE, CC modes. Single-stage amplifier, two-stage R-C coupled amplifiers. Simple Oscillators: Barkhausen condition, sinusoidal oscillators. OPAMP and applications: Inverting and non-inverting amplifier. Boolean algebra: Binary number systems; conversion from one system to another system; binary addition and subtraction. Logic Gates AND, OR, NOT, NAND, NOR exclusive OR; Truth tables; a combination of gates; de Morgan's theorem.

TIME TABLE

Days	Time
Saturday	(C4) 2.00 PM – 4.00 PM

JAM Coaching:

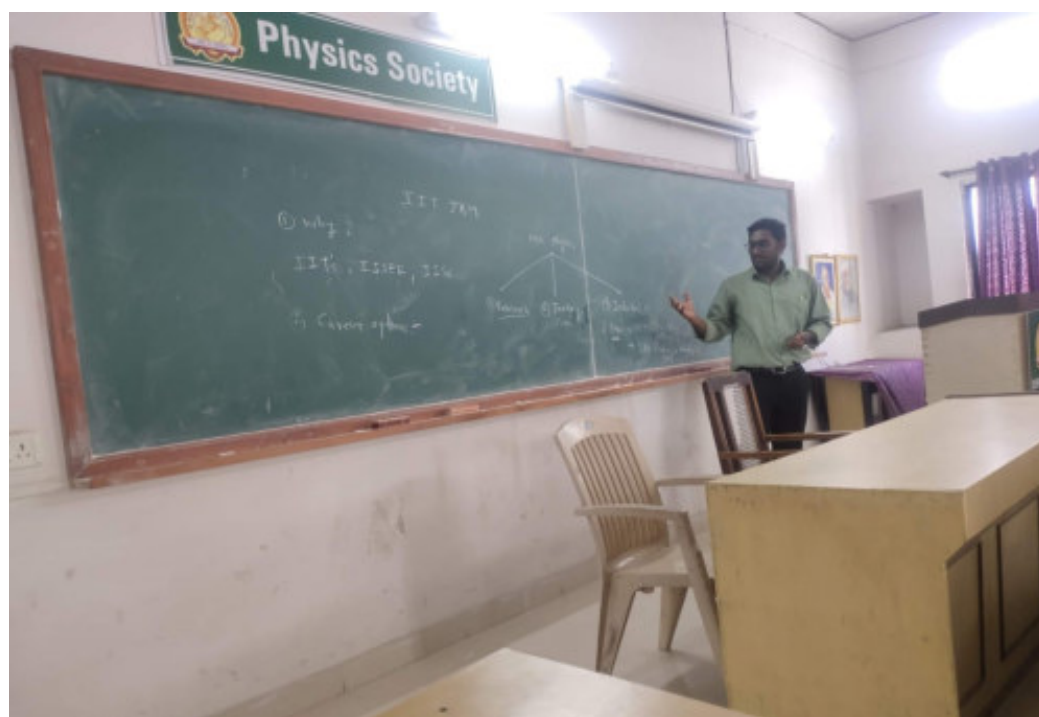
Speaker: Mr.. Krishna Gangulwar, Expert in JAM Coaching

Topic: Comprehensive Guide to JAM Preparation

Date: October 6, 2022



Lecture delivered by Mr.. Krishna Gangulwar, Expert in JAM Coaching

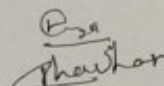
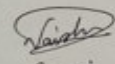
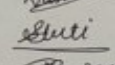
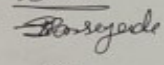
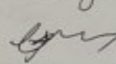



Lecture delivered by Mr.. Krishna Gangulwar, Expert in JAM Coaching

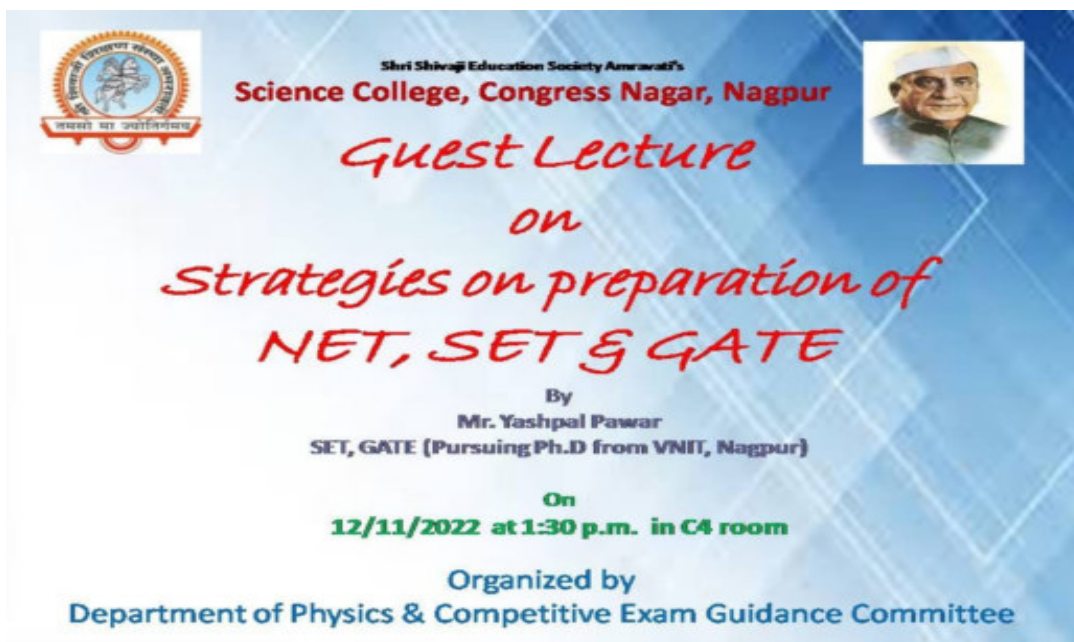
TIME TABLE

Days	Time
Thursday	(C4) 2.00 PM – 4.00 PM

IIT-JAM Physics Meeting - I 6/10/22

Sr.No.	Name of students	Signature	Class & Group.
	Leena Jolnikar		
②	Jyoti Chauhan		1 st (PCSM)
3)	Tanuja K. Shinde	T.K. Shinde	BSC II nd year (PCSM)
4)	Vaishnavi D. Dabare		BSC II nd yr (PCSM)
5)	Stuti Y. Karatiya		Bsc II nd yr (PCSM)
6)	Kalash & Bhanujale		BSC-7 yr (PCM)
7)	Abhinav Potmase		BSC-III (PCSM)


Dr. S.K. Sayyad

NET Examination:**Speaker:** Mr. Yashpal Pawar, SET, GATE, (Pursuing Ph.D. from VNIT, Nagpur)**Topic:** Preparing for NET: Key Focus Areas**Date:** November 12, 2022

The poster features the logo of Sri Shri Education Society Amravati on the left and a portrait of Mahatma Gandhi on the right. The text is centered and reads: 'Sri Shri Education Society Amravati's Science College, Congress Nagar, Nagpur Guest Lecture on Strategies on preparation of NET, SET & GATE By Mr. Yashpal Pawar SET, GATE (Pursuing Ph.D from VNIT, Nagpur) On 12/11/2022 at 1:30 p.m. in C4 room Organized by Department of Physics & Competitive Exam Guidance Committee'.



Lecture delivered by Mr. Yashpal Pawar, from VNIT, Nagpur**Lecture delivered by Mr. Yashpal Pawar, from VNIT, Nagpur**

Syllabus for NET/ SET

CSIR-UGC National Eligibility Test (NET) for Junior Research Fellowship and Lecturer-ship

PHYSICAL SCIENCES

PART 'A' CORE

I. Mathematical Methods of Physics

Dimensional analysis. Vector algebra and vector calculus. Linear algebra, matrices, Cayley-Hamilton Theorem. Eigenvalues and eigenvectors. Linear ordinary differential equations of first & second order, Special functions (Hermite, Bessel, Laguerre and Legendre functions). Fourier series, Fourier and Laplace transforms. Elements of complex analysis, analytic functions; Taylor & Laurent series; poles, residues and evaluation of integrals. Elementary probability theory, random variables, binomial, Poisson and normal distributions. Central limit theorem.

II. Classical Mechanics

Newton's laws. Dynamical systems, Phase space dynamics, stability analysis. Central force motions. Two body Collisions - scattering in laboratory and Centre of mass frames. Rigid body dynamics-moment of inertia tensor. Non-inertial frames and pseudoforces. Variational principle. Generalized coordinates. Lagrangian and Hamiltonian formalism and equations of motion. Conservation laws and cyclic coordinates. Periodic motion: small oscillations, normal modes. Special theory of relativity-Lorentz transformations, relativistic kinematics and mass-energy equivalence.

III. Electromagnetic Theory

Electrostatics: Gauss's law and its applications, Laplace and Poisson equations, boundary value problems. Magnetostatics: Biot-Savart law, Ampere's theorem. Electromagnetic induction. Maxwell's equations in free space and linear isotropic media; boundary conditions on the fields at interfaces. Scalar and vector potentials, gauge invariance. Electromagnetic waves in free space. Dielectrics and conductors. Reflection and refraction, polarization, Fresnel's law, interference, coherence, and diffraction. Dynamics of charged particles in static and uniform electromagnetic fields.

IV. Quantum Mechanics

Wave-particle duality. Schrödinger equation (time-dependent and time-independent). Eigenvalue problems (particle in a box, harmonic oscillator, etc.). Tunneling through a barrier. Wave-function in coordinate and momentum representations. Commutators and Heisenberg uncertainty principle. Dirac notation for state vectors. Motion in a central potential: orbital angular momentum, angular momentum algebra, spin, addition of angular momenta; Hydrogen atom. Stern-Gerlach experiment. Time-independent perturbation theory and applications. Variational method. Time dependent perturbation theory and Fermi's golden rule, selection rules. Identical particles, Pauli exclusion principle, spin-statistics connection.

V. Thermodynamic and Statistical Physics

Laws of thermodynamics and their consequences. Thermodynamic potentials, Maxwell relations, chemical potential, phase equilibria. Phase space, micro- and macro-states. Micro-canonical, canonical

and grand-canonical ensembles and partition functions. Free energy and its connection with thermodynamic quantities. Classical and quantum statistics. Ideal Bose and Fermi gases. Principle of detailed balance. Blackbody radiation and Planck's distribution law.

VI. **Electronics and Experimental Methods**

Semiconductor devices (diodes, junctions, transistors, field effect devices, homo- and hetero-junction devices), device structure, device characteristics, frequency dependence and applications. Opto-electronic devices (solar cells, photo-detectors, LEDs). Operational amplifiers and their applications. Digital techniques and applications (registers, counters, comparators and similar circuits). A/D and D/A converters. Microprocessor and microcontroller basics.

Data interpretation and analysis. Precision and accuracy. Error analysis, propagation of errors. Least squares fitting.

PART 'B' ADVANCED

I. **Mathematical Methods of Physics**

Green's function. Partial differential equations (Laplace, wave and heat equations in two and three dimensions). Elements of computational techniques: root of functions, interpolation, extrapolation, integration by trapezoid and Simpson's rule, Solution of first order differential equation using Runge-Kutta method. Finite difference methods. Tensors. Introductory group theory: SU(2), O(3).

II. **Classical Mechanics**

Dynamical systems. Phase space dynamics, stability analysis. Poisson brackets and canonical transformations. Symmetry, invariance and Noether's theorem. Hamilton-Jacobi theory.

III. **Electromagnetic Theory**

Dispersion relations in plasma. Lorentz invariance of Maxwell's equation. Transmission lines and wave guides. Radiation- from moving charges and dipoles and retarded potentials.

IV. **Quantum Mechanics**

Spin-orbit coupling, fine structure. WKB approximation. Elementary theory of scattering: phase shifts, partial waves, Born approximation. Relativistic quantum mechanics: Klein-Gordon and Dirac equations. Semi-classical theory of radiation.

V. **Thermodynamic and Statistical Physics**

First- and second-order phase transitions. Diamagnetism, paramagnetism, and ferromagnetism. Ising model. Bose-Einstein condensation. Diffusion equation. Random walk and Brownian motion. Introduction to nonequilibrium processes.

VI. **Electronics and Experimental Methods**

Linear and nonlinear curve fitting, chi-square test. Transducers (temperature, pressure/vacuum, magnetic fields, vibration, optical, and particle detectors). Measurement and control. Signal conditioning and recovery. Impedance matching, amplification (Op-amp based, instrumentation amp, feedback), filtering

and noise reduction, shielding and grounding. Fourier transforms, lock-in detector, box-car integrator, modulation techniques.

High frequency devices (including generators and detectors).

VII. Atomic & Molecular Physics

Quantum states of an electron in an atom. Electron spin. Spectrum of helium and alkali atom. Relativistic corrections for energy levels of hydrogen atom, hyperfine structure and isotopic shift, width of spectrum lines, LS & JJ couplings. Zeeman, Paschen-Bach & Stark effects. Electron spin resonance. Nuclear magnetic resonance, chemical shift. Frank-Condon principle. Born-Oppenheimer approximation. Electronic, rotational, vibrational and Raman spectra of diatomic molecules, selection rules. Lasers: spontaneous and stimulated emission, Einstein A & B coefficients. Optical pumping, population inversion, rate equation. Modes of resonators and coherence length.

VIII. Condensed Matter Physics

Bravais lattices. Reciprocal lattice. Diffraction and the structure factor. Bonding of solids. Elastic properties, phonons, lattice specific heat. Free electron theory and electronic specific heat. Response and relaxation phenomena. Drude model of electrical and thermal conductivity. Hall effect and thermoelectric power. Electron motion in a periodic potential, band theory of solids: metals, insulators and semiconductors. Superconductivity: type-I and type-II superconductors. Josephson junctions. Superfluidity. Defects and dislocations. Ordered phases of matter: translational and orientational order, kinds of liquid crystalline order. Quasi crystals.

IX. Nuclear and Particle Physics

Basic nuclear properties: size, shape and charge distribution, spin and parity. Binding energy, semi-empirical mass formula, liquid drop model. Nature of the nuclear force, form of nucleon-nucleon potential, charge-independence and charge-symmetry of nuclear forces. Deuteron problem. Evidence of shell structure, single-particle shell model, its validity and limitations. Rotational spectra. Elementary ideas of alpha, beta and gamma decays and their selection rules. Fission and fusion. Nuclear reactions, reaction mechanism, compound nuclei and direct reactions.

Classification of fundamental forces. Elementary particles and their quantum numbers (charge, spin, parity, isospin, strangeness, etc.). Gellmann-Nishijima formula. Quark model, baryons and mesons. C, P, and T invariance. Application of symmetry arguments to particle reactions. Parity non-conservation in weak interaction. Relativistic kinematics.

