

S.S.E.S.A's Science College, Congress Nagar, Nagpur

DEPARTMENT OF MICROBIOLOGY

ANNUAL REPORT 2019-2020

(By Head of the Department- Mrs. M.J. Madhugiri)

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It gives me immense pleasure to present glimpses of Microbiology departmental report for the session 2019-2020. During this session department offered U. G. course in three combinations namely CBM, CZM and CMBT. Total strength was 146 in the 1st year of U. G. course. P. G. course was also offered and the strength was 22 in 1st year. Diploma course in “Fruit Processing and wine Technology” got good response and 30 students enrolled for it. Skill based Certificate and Diploma course in “Biofertilizers and Biopesticides” was also carried out and 10 students were enrolled for this course.

Total faculty strength included 1 regular, 8 Ad-hoc basis and 4 C.H.B. teaching staff members. University results were excellent. Result analysis showed B.Sc. Sem V (Winter 2019)- 92.68%, M.Sc. Sem III- (Winter 2019)- 100% and M.Sc. Sem IV (Summer 2020)- 100%. Our three M.Sc. microbiology students have bagged Merit Positions in Summer 2019 RTMNU Examination namely Ms. Nikita Bhure- 1st RTMNU Merit, Ms. Aishwarya Kapse- 2nd RTMNU Merit and Ms. Anam Khan- 4th RTMNU Merit.

Major achievement of teaching staff includes the Best Oral Presentation Award to Dr. Pranita Gulhane in NCSTRD-2019 (27th& 28th November 2019). Students achievement includes participation of Ms. Sakshi Barad (M.Sc. IInd Year) and Mr. Vishal Kharchwal (B.Sc. IInd Year) in Intercollegiate Debate competition and State Level Debate competition respectively. Various departmental activities were conducted in the academic session 2019-2020 and the details of the activities are as under.

INAUGURATION of MICROBIOLOGISTS SOCIETY

Inauguration of Microbiologists Society was held on 27th August 2019 by the hands of Dr. S.D. Patankar, former Principal, S.S. Jaiswal College, Arjuni Morgaon. A total of 83 students from B.Sc. and M.Sc. Microbiology of the College have taken the annual membership of the society.

Office bearers of the society are Patron- Dr. M.P. Dhore (Principal S.S.E.S.A's Science College, Nagpur), Co-ordinator- Dr. S.D. Patankar (MSI Coordinator, Nagpur), Chair Person- Mrs. M.J. Madhugiri (Head of Microbiology Department), Convener- Dr. Pranita Gulhane (Assistant Professor, Microbiology Department), Student President elected is Zarina Ansari (M.Sc. IInd Year), Vice President- Ms. Shital Bante (M.Sc. IInd Year), Secretary-Mr. Kartikey Matte (B.Sc. IIIrd Year), Joint Secretary- Mr. Pralay Ambagade (B.Sc. IInd Year), Treasurer-Ms. Monika Singh (M.Sc. IInd Year) and Joint Treasurer- Ms. Rakhi Khandelwal (M.Sc. Ist Year). "Best Volunteer Award" was given to two students namely Ms. Zarina Ansari (M.Sc. IInd Year) and Mr. Yogesh Ninawe (M.Sc. IInd Year) for their hardwork and enthusiasm during various programmes organized by the microbiology department.

WELCOME OF M.Sc. Ist YEAR STUDENTS

Welcome of M.Sc. Ist Year students was organized on 27th August 2019 in the 'Conference Hall' of the host college by offering a rose stick by the hands of President of the programme- Honourable Dr. M.P. Dhore sir, Principal, S.S.E.S.A's Science College, Congress Nagar Nagpur, Chief Guest- Honourable Dr. S.D. Patankar sir- former Principal, S.S. Jaiswal College, Arjuni Morgaon, Respected Mrs. M.J. Madhugiri madam-Head, Department of Microbiology and Dr. Pranita Gulhane- Convener of the Programme. Dr. S.D. Patankar has guided the students with his inspirational talk. 'Presidential address' was given by Respected Dr. M.P. Dhore. Dr Manpreet Kour anchored the programme followed by 'Votes of Thanks given by Dr. Pranita Gulhane.

FELICITATION OF M.Sc. STUDENTS

Felicitation of M.Sc. IInd Year students of 2018-19 batch and M.Sc. Pass out batch students of 2018-19 batch was organized on 27th August 2019 in the 'Conference Hall' of the host college by offering a rose stick and 'folder file' by the hands of the Chief Guest Dr. S.D. Patankar, former Principal, S.S. Jaiswal College, Arjuni Morgaon, President of the programme- Dr. M.P. Dhore- Principal, S.S.E.S.A's Science College, Congress Nagar, Nagpur, Respected Mrs. M.J. Madhugiri madam- Head, Department of Microbiology and Dr. Pranita Gulhane- Convener of the Programme. 'Presidential address' was given by Dr. M.P. Dhore, Dr. Manpreet Kour anchored the programme followed by 'Vote of thanks' given by Dr. Pranita Gulhane.

GUEST LECTURE ORGANIZED

A guest lecture on “Career Opportunities in Microbiology and Biotechnology in India and Abroad” was organized by Department of Microbiology, S.S.E.S.A’s Science College, Nagpur on 27th August 2019 in the ‘Conference Hall’ of the college. Dr. S.D. Patankar, former Principal, S.S. Jaiswal College, Arjuni Morgaon was the Guest Speaker. B.Sc. and M.Sc. Microbiology students of the college have attended the same. Presidential address was given by Dr. M.P. Dhore, Principal, S.S.E.S.A’s Science College, Nagpur. The programme was anchored by Dr. Manpreet Kour followed by ‘Vote of Thanks’ was given by Dr. Pranita Gulhane.

RANGOLI COMPETITION ON “IMMUNOLOGY”

A Rangoli competition on theme of “Immunology” was organized by Department of Microbiology, S.S.E.S.A’s Science College, Nagpur in collaboration with Microbiologist Society, India on 27th August 2019. Dr. S.D. Patankar, former Principal, S.S. Jaiswal College, Arjuni Morgaon was invited to judge the competition. A total of 33 Microbiology students from B.Sc. and M.Sc. Microbiology of the college have participated the same. Prizes to the winners and certificates of participation to all the participants were distributed at the hands of Chief Guest, Dr. S.D. Patankar and Principal Dr. M.P.Dhore sir. Presidential address was given by Dr. M.P. Dhore, Principal, S.S.E.S.A’s Science College, Nagpur. The programme was anchored by Dr. Manpreet Kour and ‘Vote of Thanks’ was given by Dr. Pranita Gulhane.

MICROBIOLOGY SUBJECT SOCIETY INAUGURATION PROGRAMME

Microbiology Subject Society Inauguration Programme was organized under Science Association banner on 14th September 2019 in conference hall of the college. Dignitaries of the programme included 1. Programme President- Honourable Shri. Hemantji Kalmegh, Executive Member, Shri Shivaji Education Society, Amravati, 2. Chief Guest- Honourable Dr. J.S. Pande, Chief Scientist and Head, Department of Climate Change, CSIR- NEERI, Nagpur, 3. Principal- Dr. M. P. Dhore, Vice Principal- Dr. G.R. Avchar and Convener- Dr. Sheetal Deshmukh.

Introductory speech was given by Respected Dr. M.P. Dhore sir. Importance of Science Association was elaborated by Dr. Sheetal Deshmukh madam. Inauguration and installation of Subject Society of each department of the college was carried out, in which office bearers and executive members of the student’s subject society for each department were felicitated and Oath

was taken by them. The meritorious students and college toppers as well as subject toppers have been felicitated at the hands of the honourable dignitaries on the dais by giving a Rose stick, Certificates, Medals and Mementoes.

Anchoring was done by Dr. Reshal Deshmukh madam and Dr. Pranita Gulhane madam. Chief Guest Dr. J.S. Pande Sir has guided the students for their future goals. Presidential address was given by Shri. Hematji Kalmegh sir. Vote of thanks was given by Ms. Purna Kotecha.

NATIONAL ESSAY COMPETITION

National Essay competition for U.G. and P.G. Microbiology Students was organized by Department of Microbiology, Science College Congress Nagar, Nagpur in collaboration with Microbiologist Society, India on 18th January 2020. Dignitaries on the dais were Honourable Chief Guest- Mr. A.S. Patankar, Assistant Manager, SINE- IIT Bombay, Programme President- Dr. M.P. Dhore, Principal, Science College, Congress Nagar, Nagpur and Head, Department of Microbiology- Mrs. M.J. Madhugiri.

A total of eight students have participated in it. All the participants were given the certificate of participation. Prize distribution was carried out on 22nd January 2020. Winners were given a trophy and a certificate. Names of the winner students are given as follows.

From U.G. students:

1. First Prize: Mr. Vishal Kharchwal
2. Second Prize: Ms. Shraddha Bire

From P.G. students:

1. First Prize: Ms. Zarina Ansari
2. Second Prize: Ms. Rakhi Khandelwal
3. Consolation Prize: Ms. Saloni Komawar

The programme was anchored by Dr. Pranita Gulhane, Mrs. Shital Khedkar and Mrs. Madhuri Walvekar while 'Vote of Thanks' was given by Ms. Anjali Sharma.

MICROBIOME FOOD FESTIVAL

Microbiome food festival for U.G. and P.G. Microbiology Students was organized by Department of Microbiology, Science College Congress Nagar, Nagpur in collaboration with Microbiologist Society, India on 22nd January 2020. Dignitaries on the dais were Honourable Chief

Guest- Mr. A.S. Patankar, Assistant Manager, SINE- IIT Bombay, Guest of Honour- Dr. S.D. Patankar former Principal, S.S. Jaiswal College, Arjuni Morgaon, Programme President- Dr. M.P. Dhore, Principal Science College, Congress Nagar, Nagpur and Head, Department of Microbiology- Mrs. M.J. Madhugiri.

A total of seven groups (two students per group) three students as individual participant have participated in it. The topic for the competition was “Microbiome Food Festival”. All the participants were given the certificate of participation. Names of the winner students are given as follows.

1. First Prize P.G. Students (Group 5): Ms. Shital Bante and Ms. Zarina Ansari
2. Second Prize P.G. Students (Group 6): Ms. Ruchika Sadawarte and Ms. Rita Walthare
3. Consolation Prize P.G. Students (Group 7): Ms. Lavanya Shriramwar and Ms. Sanskruti Kukade

The programme was anchored by Dr. Pranita Gulhane, Mrs. Shital Khedkar and Mrs. Madhuri Walvekar while ‘Vote of Thanks’ was given by Ms. Anjali Sharma.

GUEST LECTURE

Guest lecture on “Innovations and Entrepreneurship” was organized by Department of Microbiology, Science College, Congress Nagar, Nagpur on 22nd January 2020 in the Conference Hall of the college. Mr. A.S. Patankar- Assistant Manager, SINE- IIT Bombay was Guest Speaker. Dignitaries on the dais were Honourable Chief Guest- Mr. A.S. Patankar, Assistant Manager, SINE- IIT Bombay, Programme President- Dr. M.P. Dhore, Principal Science College, Congress Nagar, Nagpur and Head, Department of Microbiology- Mrs. M.J. Madhugiri.

MICRO GENIUS WORLD QUIZ COMPETITION

Micro Genius World Quiz Competition was organized by Department of Microbiology, Science College, Congress Nagar, Nagpur on 26nd February 2020 in the Conference Hall of the college. Dignitaries on the dais were Honourable Chief Guest- Mr. A.S. Patankar, Assistant Manager, SINE- IIT Bombay, Programme President- Dr. M.P. Dhore, Principal Science College, Congress Nagar, Nagpur and Head, Department of Microbiology- Mrs. M.J. Madhugiri, Convener- Dr. Manpreet Kour and Dr. Shilpa Deshmukh.



Felicitation of M.Sc Student (27th August 2019)



Guest Lecture on Career Opportunities in Microbiology and Biotechnology in India and Abroad



Mrs M J Madhugiri

Mrs. M. J. Madhugiri

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NAGPUR.