

JINDAL FIRST GRADE COLLEGE FOR WOMEN

(Managed by Pragun Jindal Philanthropic Organization)

Jindal Nagar, Tumkur Road, Bengaluru – 560073



DEPARTMENT OF SCIENCE

ANNUAL REPORT

(2021-22)

ACTIVITIES CONDUCTED

- **Department of Science** organized Farewell Party for outgoing students of 2018 Batch on 25/09/2021. Management of Jindal College for Women felicitate the Highest Scorer Smt. Bhavana K B of 2017 Batch, She has secured 90.8% in all the semesters of Bangalore University Semester Examination.
- **Department of Science(Science Forum)** organized FDP in association with IQAC on “Implementation of NEP 2020” on 27/09/2021 at 3 pm. Chief Guest was Dr. Chethan Prathap K N, Department of Physics, University College of Science, Tumkur. 70 participants were attended FDP.
- **Department of Mathematics** organized State Level Intercollegiate Online Power Point Presentation Competition for B.Sc & M.Sc students on the topic “The World of Mathematics for a better Life” on 21.12.2021. The Department of Mathematics Celebrated National Mathematics Day on 22.12.2021 to honour the birth anniversary of the famous Indian Mathematician “Sir Srinivasa Ramanujan”. Distributed the awards and Prizes for Centum Scorers and Intercollegiate PPT competition winners. Megana C M, Anusha C, Kavya Rathod, Bindhu, Chandana, Lakshmi V P of B.Sc 2018-2021 Batch received the Gift Vouchers and Certificates. Haneefa M, Spoorthy, Nisarga L of JCW and Manoj B of University College of Science, Tumkur & Abdul Kabeer of GFGC, Kengeri is Prize winners of Intercollegiate PPT Competition.
- Intra college chemistry lecture compitation was organized by **Department of Chemistry** on “**Importance of chemistry in daily life**” on 27th December 2021 for all B.Sc students. Program was online mode using Google meet. Students participated and they explored their skill through PPT.
- **Department of Physics** organized one day visit to REVA University for one day hands on training workshop on nanomaterial synthesis, characterization and its application for all final year BSC students along with the faculty members Mr. Srinivas P R and Mrs. Srilakshmi B P.



- Mr. Srinivasa P R and Mrs. Mamatha H K along with 22 final year B.Sc students visited to Golden Temple from Buddha Study Cell in association with Excursion Committee.

Events Participated

- Mrs. Srilakshmi B P has attended the 10 days webinar series on “Excellence of Women in the Field of Science and Technology” held from 13th September 2021 to 23rd September 2021, jointly organized by the Department of Physics and Nano technology, school of Science and humanities, Sathyabama Institute of Science and Technology.
- Mrs. Mamatha H K has attended National Webinar on Mathematics Using Python on 24/09/2021 organized by Department of Mathematics, JSS College for Women.
- Mrs. Sandhya Devi R has attended National Webinar on Mathematics Using Python on 24/09/2021 organized by Department of Mathematics, JSS College for Women.
- Mrs. Mamatha H K attended Webinar on Importance of Research and Publications in Higher Education on 28.09.2021 organized by Department of Computer Science & Engineering, Presidency University. Mrs. Mamatha H K and Mrs. Sandhya Devi R attended One Day Webinar on “Python programming” for 3rd Semester B.Sc by Mathematics Forum (BU, BCU & BNU) in association with Vijaya College, R V Road, Bengaluru on 11-10-2021, Monday at 1:00 pm to 5:00 pm. The Speaker were Prof.N.V Praveen, Prof.Aravind Nagaraju and Dr.K Sushan Bairy.
- Dr. Anitha B G has attended 27th International conference of international academy of physical science organized by department of chemistry NIT Jamshedpur from 26th to 28th October 2021 and presented a paper virtual mode.
- Mr. Srinivasa P R has attended one day workshop on ‘The implementation of National education policy -2020’ organized by department of Physics, Bangalore University on 27th october 2021.

- Mrs. Srilakshmi B P has attended one day workshop on ‘The implementation of National education policy -2020’ organized by department of Physics, Bangalore University on 27th October 2021.
- Mr. Srinivasa P R has attended two days workshop on ‘The implementation of National education policy -2020 & discussion on guidelines and regulations’ organized by, Bangalore University from 29th to 30th October 2021.
- Mrs. Mamatha H K and Mrs. Sandhya Devi R attended One Day Workshop on Implementation of NEP-2020: Mathematics (UG) held on 12th November 2021, Organized by Department of Mathematics, Bangalore University, Jnanabharathi Campus, Bengaluru.
- Mrs. Mamatha H K and Mrs. Sandhya Devi R attended Webinar on “Emerging Trends in Computational Mathematics”, Organized by Department of Mathematics, School of Engineering, Presidency University, Bengaluru on 26th November, 2021.
- Mr. Srinivasa P R has attended one day’s workshop on ‘Research: inculcating the culture of inquiry’ organized Tumkur University at Sir M Visveswaraya auditorium, on 20th November 2021. Mrs. Srilakshmi B P has attended semester valuation of Bangalore University for Physics Paper V as an evaluator at Surana Degree College, Kengeri Bangalore from 16/11/2021 to 19/11/2021.
- Mr. Srilakshmi B P has attended International webinar on ‘Materials for energy applications’ organized by Department of studies and research in physics, Albert Einstein Block, University college of Science, Tumkur on 10/11/2021.
- Dr. Anitha B G and Dr. Sangeetha S have attended Workshop on “**National Education Policy 2020**” 9th November 2021 at Department of Chemistry Bangalore University.
- Mathematics Department has sent 4 Final Year BSC students to attend Science Academies’ Lecture Workshop on “Mathematical Analysis” on 1st, 2nd, 3rd December 2021 at Government First Grade College, Krishnarajapuram, Bengaluru.
- Mrs. Mamatha H K & Mrs. Sandhya Devi R participated in webinar on “Fuzzy Optimization and Decision Making” organized by the Department of mathematics, School of Engineering on 24.12.2021.



- Dr. Sangeetha S has attended “FDP on Spectroscopic techniques” A tool in contemporary research” organized by department of Chemistry, M.S Ramaiah College of Arts, Science, and Commerce, Bangalore-54 on 10 to 14 Jan 2022.
- Mrs. Mamatha H K, Associate Professor, Department of Mathematics has participated in the Five Days International Webinar on Industrial Mathematics and Scientific Computing, Organized by the Department of Mathematics, BMS Institute of Technology and Management, Bengaluru, India, during January 10-14, 2022. Due Hijaab holidays & Covid - 19 events are conducted.
- Mrs. Mamatha H K & Mrs. Sandhya Devi R participated in webinar on “Modular forms and its application” organized by the Department of mathematics, The National Institute of Engineering, Mysuru on 10.2.2022.
- Mrs. Mamatha H K has participated in the “Five Days Online Faculty Development Programme” on “Scientific Application Packages for State-of-the-Art Technical Computing” organized by Department of Mathematics, School of Engineering, Presidency University, Bengaluru-560064, Karnataka State, India from 14 March 2022 to 18 March 2022.
- Dr. Anitha B G has attended online “DELNET resources and services” organized at JCW on 25/05/2022.
- Mrs. Mamatha H K and Mrs. Sandhya Devi R attended One Day Webinar on “Python programming” practicals for 4th Semester B.Sc by Mathematics Forum (BU, BCU & BNU) in association with Vijaya College, R V Road, Bengaluru on 20-05-2022. The Platform was Microsoft Teams.
- Mrs. Sandhya Devi R attended Webinar on “DELNET Resources and Services” Organized with Jindal College for Women, Bangalore on 25th May 2022.
- Mrs. Srilakshmi B P attended Webinar on “DELNET Resources and Services” Organized with Jindal College for Women, Bangalore on 25th May 2022.
- Dr. Sangeetha S has attended online “DELNET resources and services” organized at JCW on 25/05/2022.
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- Dr. Sangeetha S participated in the “International Conference on Chemical Science Academy, Industry & Society Interface” organized by the Department of Chemistry, post Graduate Centre, Jyoti Nivas College Autonomous Bangalore, from 23rd to 25th June 2022.
- Mrs. Mamatha H K Department of Mathematics had been to NSS campus at Honnarayanahalli on 26th and 27th July 2022.
- Dr. Anitha B G, had been to NSS campus as a speaker on the topic “Health and Hygiene” at Honnarayanahalli on 26th July 2022.
- Mrs. Srilakshmi B P Department of Physics had been to NSS campus at Honnarayanahalli on 25th July 2022.
- Mr. Srinivasa P R and Mrs. Mamatha H K along with final year students been to excursion to Wayanad (kerala) from from 21st to 24th July 2022.
- Mrs. Mamatha H K Department of Mathematics had been to NSS campus at Honnarayanahalli on 26th and 27th July 2022.
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- Mr. Srinivasa P R and Mrs. Mamatha H K along with final year students been to excursion to Wayanad (kerala) from from 21st to 24th July 2022.

Exams And Valuation

- Mrs. Mamatha H K has attended Digital Evaluation of mathematics Paper VI from 3/9/2021 to 4/9/2021 at Surana College, Kengeri, Bangalore University, and Bangalore.
- Mrs. Sandhya Devi R has conducted Lab Exam Mathematics Paper VII as an Internal Examnier and Veena, GFGC, Magadi on 4/9/2021 and External Examiner RaviPrakash J, GFGC, Nelamangala on 6/9/2021.

- Mrs. Mamatha H K has Conducted Lab Exam Mathematics Paper VIII as an Internal Examiner and Raviprakash J, GFGC, Nelamangala on 7/9/2021 and 8/9/2021.
- Dr. Sangeetha S has Conducted Lab Exam Chemistry Paper VII as an Internal Examiner on 4/9/2021 and 6/9/2021.
- Dr. Anitha B G has Conducted Lab Exam Chemistry Paper VIII as an Internal Examiner on 7/9/2021 and 8/9/2021.
- Dr. Anitha B G has attended Lab Exam Chemistry Paper VII as an External Examiner in Soundarya Institute of management and Science on 6/9/2021.
- Dr. Sangeetha S has attended Lab Exam Chemistry Paper VIII as an External Examiner in Soundarya Institute of management and Science on 7/9/2021. Mrs. Srilakshmi B P has attended Lab Exam Physics Paper VII as an External Examiner in Soundarya Institute of management and Science on 8/9/2021.
- Mr. Srinivasa P R has attended Lab Exam Physics Paper VII as an External Examiner in Govt. first Grade college, Nelemangala on 8/9/2021.
- Mr. Srinivasa P R has attended Lab Exam Physics Paper VII as an External Examiner in Acharya Institute of Graduate & Studies on 9/9/2021.
- Mrs. Srilakshmi B P has Conducted Lab Exam Physics Paper VIII as an Internal Examiner and Kavitha , RPA college, Rajaji nagar on 11/9/2021 and 13/9/2021.
- Mr. Srinivasa P R has attended Lab Exam Physics Paper VII as an External Examiner in Acharya Institute of Graduate & Studies on 12/9/2021.
- Mr. Srinivasa P R has Conducted Lab Exam Physics Paper VII with suhas, surana college peenya & Shighihalli , soundarya college, on 11/9/2021 and 13/9/2021.
- Mr. Srinivasa P R has attended semester valuation of Bangalore University for Physics Paper III as an evaluator at surana degree college, kengeri Bangalore from 8/11/2021 to 12/11/2021.
- Mrs Sandhya Devi R has attended Semester Bangalore University Digital Valuation Mathematics Paper II on 4.12.2021 and 6.12.2021 at Surana College, Kengeri.



- Mrs. Srilakshmi B P has attended semester valuation of Bangalore University for Physics Paper II as an evaluator at surana degree college, kengeri Bangalore from 07/12/2021 and 08/12/2021.
- Dr. Anitha B G has Conducted Lab Exam Chemistry Paper III as an Internal Examiner on 28/02/2022 for 3rd semester students.
- Mr. Srilakshmi has Conducted Lab Exam for Physics Paper V as an Internal Examiner on 28/02/2022 for 5th semester students. Odd Semester (III and V) practical exam was conducted from 28/02/2022 to 7/03/2022.
- Mr.Srinivasa P R has Conducted Lab Exam Physics Paper 6 as an Internal Examiner on 02/03/2022 for 5th semester students.
- Mrs.Mamatha H K has Conducted Lab Exam Mathematics Paper III as an Internal Examiner on 02/03/2022 for 3rd semester students.
- Mrs.Sandhya Devi R had been to Acharya Institute of Management and Sciences as an external examiner for Mathematics paper V Practical exam on 02/03/2022.
- Mr.Srinivasa P R has Conducted Lab Exam Physics Paper 3 as an Internal Examiner on 03/03/2022 for 3rd semester students.
- Dr. Anitha B G has Conducted Lab Exam Chemistry Paper V as an Internal Examiner on 03/03/2022 for 5th semester students.
- Mrs. Srilakshmi B P had been to Government First Grade College, Nelamangala as an external examiner for Physics paper III and Physics paper V Practical exams on 03/03/2022 and 04/03/2022.
- Mr.Srinivasa P R had been to Surana College peenya, as an external examiner for Physics V practical examinations on 4/03/2022.
- Dr. Sangeetha S has Conducted Lab Exam Chemistry Paper V as an Internal Examiner on 04/03/2022 for 5th semester students.
- Mr.Srinivasa P R had been to GFGC Nelamangala, as an external examiner for Physics VI practical examinations on 5/03/2022.
- Mrs.Sandhya Devi R has Conducted Lab Exam Mathematics Paper V as an Internal Examiner on 5/03/2022 for 5th semester students.



- Mrs.Mamatha H K had been to GFGC, Vijayanagara as an external examiner for Mathematics paper VI practical exam on 4/03/2022 & 5/03/2022.
- Dr. Anitha B G had been to Soundarya Institute of Management and Sciences College as an external examiner for Chemistry III, V and VI Practical examinations on 7/03/2022 and 8/03/2022.
- Mr.Srinivasa P R had been to GFGC Magadi, as an external examiner for Physics III & VI practical examinations from 7/03/2022 to 09/03/2022.
- Mrs.Mamatha H K has Conducted Lab Exam Mathematics Paper VI as an Internal Examiner on 07/03/2022 for 5th semester students.
- Mrs.Sandhya Devi R had been to GFGC, Kengeri as an external examiner for Mathematics paper V Practical exam on 07/03/2022.
- Mrs. Srilakshmi B P has Conducted Lab Exam Mathematics Paper VI as an Internal Examiner on 07/03/2022 for 5th semester students.
- Dr. Sangeetha S had been to Vijaynagara first grade college, Bangalore as an External Examiner on 10/03/2022.
- Mrs. Srilakshmi B P had been to Soundarya Institute of Management and Sciences as an external examiner for Physics paper V Practical exam on 11/03/2022.
- Mr.Srinivasa P R had been to Maharani Cluster University KR Circle, as an external examiner for Physics III & VI practical examinations from 10/03/2022 and 12/03/2022.
- Mrs.Sandhya Devi R had been to Maharani Cluster University, KR Circle as an external examiner for Mathematics paper V Practical exam on 11/03/2022.
- Dr. Sangeetha S had been to Vijaynagara first grade college, Bangalore as on External Examiner on 16/03/2022.
- Dr. Anitha B G has attended semester valuation of Bangalore University for Chemistry Paper VIII as an evaluator at surana Degree College, kengeri Bangalore from 10/11/2021 to 13/11/2021.
- Dr. Sangeetha S Department of Chemistry went as an External examiner to GFGC Vijayanagara, Bangalore on 31th June 2022. First semester (NEP) practical exams were conducted from 1/06/2022 to 3/06/2022.



- Mr.Srinivasa P R had been to Government First Grade College as an external examiner for I Sem (NEP) Practical exam on 08/06/2022.
- Dr. Anitha B G, had been to Soundarya Institute of Management and Science on 4/6/2022 as a External Examiner to Practical Examination Chemistry Paper I.
- Mrs. Sandhya Devi R Department of Mathematics had been to KLE College, Nagarabhavi, Bangalore as an Evaluator for B.Sc Mathematics-V from 1st July to 4th July 2022.
- Mrs. Srilakshmi B P Department of Physics had been to KLE College, Nagarabhavi, Bangalore as an Evaluator for B.Sc Physics-V on 6th and 7th July 2022.
- Mrs. Sandhya Devi R Department of Mathematics had been to Maharani Cluster College, Bangalore as a paper setter for B.Sc Mathematics-II (NEP Scheme) on 18th July 2022.
- Mrs. Mamatha H K Department of Mathematics had been to Surana College, South End Circle, Bangalore as a paper setter for B.Sc Mathematics-II on 29th July 2022.
- Dr. Sangeetha S Department of Chemistry went as an Evaluator for B.Sc Paper VI to KLE College, Nagarabhavi, Bangalore on 30th June 2022.
- Dr. Anitha B G, had been to KLE College for paper 5 Organic Chemistry theory paper evaluation from 4/7/2022 to 7/7/2022.



Photo Gallery

Mathematics Day Celebration



Visit to JAL



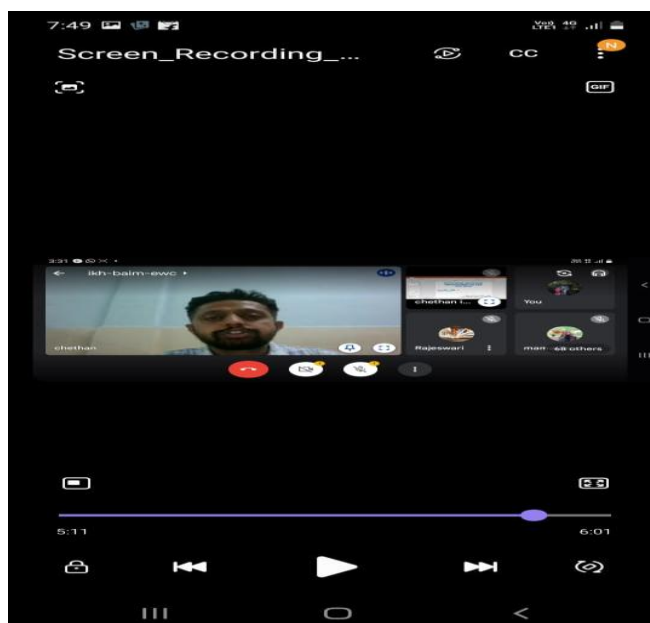
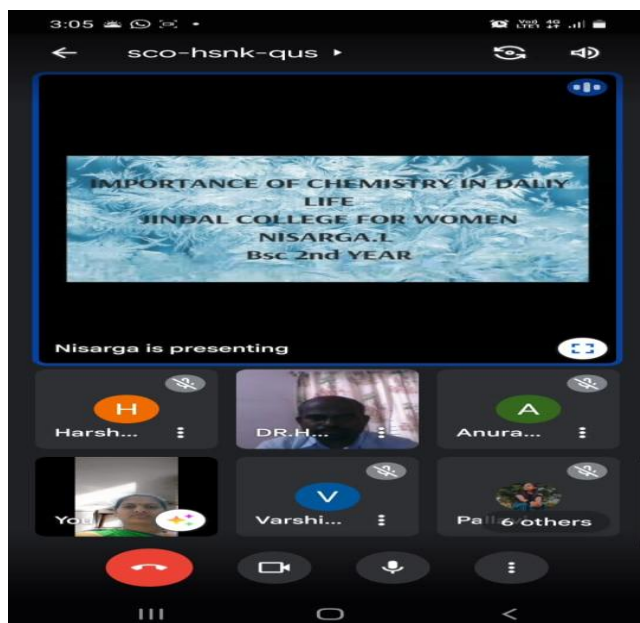
Mathematics Guest Lecture



Physics Guest Lecture



Chemistry Online competition



Chemistry Guest Lecture



PRINCIPAL