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DEPARTMENT OF PHYSICS

GUEST LECTURES



Guest Dr. Pon Sathya Moorthy interacting with students

A guest lecture was conducted by Panorama Association and Department of Physics on **13/9/2019**. **Dr. Pon Sathya Moorthy**, Assistant Professor from Department of Nano Science and Technology, Tamilnadu Agricultural University, Coimbatore delivered a talk on **“Recent Trends in Nanoscience and Technology for Agricultural Applications”**.

Our students from III BSc and II MSc physics participated. The guest spoke on the fundamentals of Nanoscience, the effects of size and surface area. Main focus was on shelf life of fruits and vegetables and the overview of its techniques.



The Department of Physics along with Association of Physics **“PANORAMA”** has conducted a guest lecture on **10.07.2019**. **Dr. C. M POOJA M.B.B.S., M.S (Ophthal)**, **Ophthalmologist, Sankara Eye Hospital, Coimbatore**, was the chief guest. She delivered a guest lecture on the topic **“DEFECTS OF VISION AND THEIR CORRECTION”**, at Kambar arangam.

The Programme started with the welcome address by Dr.C.Selvakumar, Professor and Head, Department of Physics. The session was continued by Dr.C.M.Pooja and she explained various defects in our eye like myopia, hypermetropia, coma and aberrations. She also clarified the remedial measures to be taken and how to rectify it. And finally she concluded the session by introducing a new technology **“LASIK”** for correction in vision and to be free from spectacles.



The Department of Physics along with Association of Physics **“PANORAMA”** has conducted a guest lecture on **24.02.2020**. **Dr. Radha Palaniswamy**, Assistant Professor, Department of Biotechnology, **Dr. N.G.P Arts and Science College, Coimbatore**, delivered a seminar on the topic **“AN INSIGHT ON APPLICATIONS OF BIOPHYSICS IN MEDICINAL SCIENCES”**, at seminar hall- VIII.



Ms. Gowri Madhu, Founder, **Vural, Nalam products**, Co-founder, **Seeragam – The native store, Coimbatore** delivered a guest lecture on the topic **“Preparation of bio enzymes for sustainable life”**, at Seminar hall 6 on **27.08.2019**.





Dr. P. B. Banudevi, Professor and Head, Department of Commerce - Finance, NGP Arts and Science College delivered a guest lecture on **“Discover your treasure”** for B.Sc Physics students on 21.02.2020 at 11.15 am (Venue: A-414).

WORKSHOPS



Workshop Participants with Speakers



Chief Guest, Speakers on the dais along with participants

A two day National workshop was conducted by Department of Physics in association with DRDO-BU CLS on February 20-21, 2020.

Keynote speakers along with titles:

1. **Dr. K. Kadirvelu**
Joint Director, DRDO – BU CLS, Bharathiar University
Title: Characterizations of Functionalized Advanced Materials
2. **Dr. V. Ganesh,**
Senior Scientist, Central Electrochemical Research Institute
Title: Electrochemical Biosensors - Impact of Nanotechnology and Multidisciplinary Approach
3. **Dr. N. Lakshminarasimhan,**
Principal Scientist, Central Electrochemical Research Institute
Title: Powder X-ray Diffraction: A Tool for Materials Characterization
4. **Dr. P. Balraju**
Assistant Professor
Department of Physics, Coimbatore Institute of Technology
Title: Scanning Electron Microscopy – An Overview



Chief Guest, Speakers on the dais along with participants



Mr. Nitish Loganathan delivering his talk





Mr. V. Gowtham Babu presenting his lecture

The Department of Physics under Panorma association arranged **Student Colloquium on 10/8/2019**. II MSc students gave lecture on **'Internship Programme and X-ray Diffraction Technique'**. The following are the details
Date and Time: 10.8.2019 and 2.00 pm
Venue: B-Block Room no. 1401

Lecture by

Mr. Nitish Loganathan - X-ray Diffraction Technique
Mr. V. Gowtham Babu - Internship Programme



Mr. T. Nithin presents his views on Stellar Evolution



Ms. S. Krishnapriya presents her view about Density Functional Theory to the students



Ms. R. Ragavi presents her view about Artificial Intelligence to the students

The Department of Physics under Panorma association arranged **Student Colloquium on 4/1/2020**. II MSc students gave lecture on **"Stellar Evolution, Density Functional theory and Artificial Intelligence"**. The following are the details

Date and Time: 4.1.2020 and 1.30 pm
Venue: B Block, Class Room - B1513

Lecture by

Mr. T. Nithin – Stellar Evolution
Ms. S. Krishnapriya – Density Functional Theory
Ms. R. Ragavi – Artificial Intelligence

Around 45 students from I and II MSc participated and were benefited.



The Department of Physics along with Association of Physics "PANORAMA" has conducted a seminar on 01.02.2020. **Dr. R.Karunanthan, Assistant Professor, Department of Physics, Dr. N.G.P Arts and Science College, Coimbatore**, delivered a seminar on the topic **"QUANTUM APPLICATIONS"**, at seminar hall- VIII.



WORKSHOPS



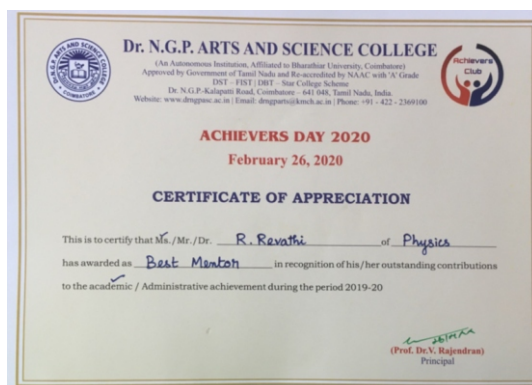
The Department of Physics along with Association of Physics “PANORAMA” has conducted a seminar on 08.02.2020. **Dr. Deepannita Chakraborty, Assistant Professor, Department of Physics, Dr. N.G.P Arts and Science College, Coimbatore,** delivered a seminar on the topic “**Dilute Magnetic Semiconductor**”, at room No. B-1401.



The Department of Physics along with Association of Physics “PANORAMA” has conducted a student development programme on 04.01.2020. **Mr. V. Shivani and Mr. P. Manikandan, II B.Sc. Physics, Department of Physics, Dr. N.G.P Arts and Science College, Coimbatore,** delivered a seminar on the topic “**IoT – TEMPERATURE SENSOR USING MOBILE APP**”, at room no: A 414.



Best mentor award receive by Mrs. R. Revathi during the academic year 2019-20 on Achiever's day function.



FELLOWSHIP



EXTENSION ACTIVITIES

III B.Sc Physics students' Extension activity on “Awareness on Plastic Pollution” along with the National Service Scheme of Dr. N.G.P Arts and Science College. Our Physics department Students cleaned the campus of the Government Elementary School located at Kaikolapalayam village on 19.07.2019.

STUDENT INTERNSHIP



Mr Gowtham babu (fourth from left) along with Prof. Dr. S. Asath Bahadur (First from left) and lab mates



Student Name: V. Gowthambabu

Roll No.182PH007

Class: II MSc Physics

The student Mr V. Gowtham Babu had under gone “**Summer Student Visiting Internship Programme-2019**” (KLU-SSVIP) at Condensed Matter Physics laboratory, Sir CV Raman KS Krishnan International Research Center, **Kalasalingam Academy of Research and Education (Deemed University)**, Virudhunagar-626 126, Tamilnadu from **1st June 2019 to 30th June 2019 (one month)** with a stipend of **Rs. 5000/-**.

Project title: Nanostructural, surface morphology and optical properties of CuMnSe₂ nanoparticles synthesized via chemical precipitation method

Supervisor : Dr. S. Asath Bahadur

Stipend : Rs. 5000/-

PRIZE WINNERS - STUDENTS

Student Name: Rosemol Seby

Roll No.182PH025

Class: II MSc Physics

The student Ms. Rosemol seby won Second place in Pencil sketching during NGP Fest held in our college on 20/01/2020. The second place had a cash prize of Rs. 500.

EVENTS



Under Panorama association, Department of Physics of Dr. NGP Arts and Science College organized Intercollegiate meet- SPECTRA-20 on 27.02.2020, where nine events were conducted along with 140 participants from various colleges and awarded prizes for prize winners.

STAF ACHIEVEMENTS

Dr. K. Girija

1. Received Best Women Faculty Award from Novel Research Academy, Puducherry on November 9, 2019.
2. Received Dr. A.P.J Abdul Kalam Award for Scientific Excellence from Marina Labs, Chennai on November 24, 2019.
3. Received Best Women Faculty Award from Nature Science Foundation, Coimbatore.



4. Received Certificate of Appreciation from Dr. N.G.P. Arts and Science College for receiving Best Faculty award from external Foundations on February 26, 2020.
5. Completed NPTEL Online certificate course certificate on Selection of Nano materials for energy harvesting and storage application during July – August 2019.
6. Received Summer Research Fellowship Programme certificate on March 3, 2019 for the research work done during October to November 2018 jointly organized by IASc, INSA and NASI.



Novel Research Academy - Best Women faculty Award



Marina Labs – Dr. A.P.J Abdul Kalam Award for Scientific Excellence Award



Nature Science Foundation – Best Women Faculty Award





Dr. N. Priyadharshini



The Department of Physics arranged a **visit to Defence Research and Development Organization – Bharathiar University Center for Life Sciences (DRDO – BUCLS), Coimbatore on 18/07/2019** targeting the students of II MSc Physics to get first hand information about the facilities available at DRDO – BUCLS. The students had interaction with the Joint Director of DRDO- BUCLS, Dr. K. Kadirvelu. The students were accompanied by two faculty from the Department of Physics, Dr. N.G.P. Arts and Science College, Dr. K. Girija and Dr. P. Sakthivel.

ASTRONOMY CLUB EVENT - SOLAR ECLIPSE

Report from Astronomy club for the activity done on the day of Solar Eclipse (26.12.2019)



Setting up the telescope to observe the eclipse to observe the Annular Solar Eclipse on 26.12.2019



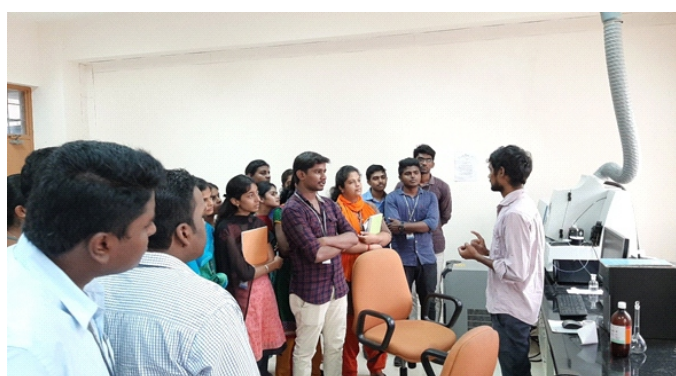
VISIT



A memorable click at DRDO- BUCLS with the Joint Director Dr. K. Kathirvelu



Enjoy watching the eclipse with solar glasses, telescope during the solar eclipse on 26.12.2019.



ICPMS – Heavy Metal analysis



Department of Chemistry

Annual Report (2019 – 2020)

1. International / National / Conferences / Workshop / Seminar Organized –

- NATIONAL CONFERENCE ON RECENT TRENDS IN BASIC AND APPLIED SCIENCES (NCRTBAS) on March 2-3, 2020, Organized by FACULTY OF BASIC AND APPLIED SCIENCES

2. Awards and Recognitions of staffs and students

- Lokesh S & Deva Prasath B of II B. Sc. Chemistry had participated in Inter-departmental competition conducted by the Department of Computer Technology and won II Prize in the event MOCK CID.
- Jeevananthan C & Kamalakannan B of II B. Sc. Chemistry had participated in Inter-departmental competition conducted by the Department of Computer Biochemistry and won I Prize in the event Short Film (Biodiversity around NGP Campus)
- Jeevananthan C of II B. Sc. Chemistry had participated in Inter-departmental competition conducted by the Department of Commerce with Professional Accounting and won I Prize in the event Quiz.
- Sneha sree & Akila M of II B. Sc. Chemistry had participated in Inter-departmental competition conducted by the Department of Commerce with Information Technology and won II Prize in the event Fortune Seeker.
- Sneha sree & Akila M of II B. Sc. Chemistry had participated in Inter-departmental competition conducted by the Department of Commerce with Information Technology and won II Prize in the event Fortune Seeker.
- G. Kavitha of II B. Sc. Chemistry had participated in Inter collegiate competition conducted by the Sri Ramakrishna College of arts and science and won I Prize in the event Rangoli.

3. MoUs details of the department – Nil

4. Grand Received from the funding agencies – Nil

5. Staff / Student Consultancy – Nil

6. Staff / Students International / National Journal Publications

Staff Publications:

- Dr. S. Sathiyaraj, Structural, morphological and magnetic properties of algae/CoFe₂O₄ and algae/Ag-Fe-O nanocomposites and their biomedical applications, Inorganic Chemistry Communications, Volume 111, January 2020, 107578.

- Mr. M. Dinesh Kumar, Molecular geometry, NLO, MEP, HOMO-LUMO and Mulliken Charges of Substituted Piperidin Phenyl Hydrazines by using Density Functional Theory, Asian Journal of Chemistry, 0975-427X January 2020, Volume 32 (2)
- S. Sathiyaraj, Research on Biological Properties of Ruthenium(III) Heterocyclic Schiff Base Complexes, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12S, October 2019.

Student's Publication: Nil

7. Staff Participation / presentation in conferences / seminar

- Mrs. V. Nijarubini, participated in one day Rural Immersion- Community Engagement” on 21.08.2019 at Dr.N.G.P Arts and Science College
- Mrs. P. Kavitha, participated in one day Rural Immersion- Community Engagement” on 21.08.2019 at Dr.N.G.P Arts and Science College
- Dr. R. Menaka, participated in one day Rural Immersion- Community Engagement” on 21.08.2019 at Dr.N.G.P Arts and Science College
- M. Dinesh kumar has presented a paper on DFT study on (E)-1-(2,6-bis(4-chlorophenyl)-3,5-dimethylpiperidine-4-ylidene)-2-phenylhydrazine (3,5DMCl) by using B3LYP method in International conference on advanced Nanomaterials on 12.12.19 & 13.12.19 conducted by Chettinad college of engineering and technology, Karur.
- Dr. S. Sathiyaraj has presented a paper on Sustainable Synthesis of Cobalt Nanoparticles using Cymbopogonitrates and Evaluation of their Anticancer Activity in National conference on Recent Trends in chemistry on 07.02.2020 conducted by Sri Ramakrishna Mission Vidyalyaya, Coimbatore.
- M. Dinesh kumar has presented a paper on Synthesis, Characterization and biological evaluation on (E)-1-(2,6-bis(4-chlorophenyl)-3,5-dimethylpiperidine-4-ylidene)-2-phenylhydrazine (3,5DMCl) in National conference on Recent Trends in Medicinal, Materials, environmental and Battery Research in Chemistry on 12.03.2020 & 13.03.2020 conducted by Karpagam Academy of Higher Education, Coimbatore



- Dr. R. Rajkumar has presented a paper on Microwave assisted one pot synthesis of Naphtho Benzo[1,8]Naphthyridine Scaffolds in National conference on Recent Trends in Medicinal, Materials, environmental and Battery Research in Chemistry on 12.03.2020 & 13.03.2020 conducted by Karpagam Academy of Higher Education, Coimbatore

8. Student Participation / Presentation in conference / symposium /inter – collegiate

- 21 Students from II & III B. Sc. Chemistry participated in National Seminar at Nehru Institute of Engineering and Technology, Coimbatore on 26.07.2019.
- 13 Students from I M. Sc. Chemistry participated in National Conference at PSG College of Arts and Science, Coimbatore on 2.08.2019.
- 09 Students from I M. Sc. Chemistry participated in National Seminar on 13.9.2019.
- 16 Students from II B.Sc. Chemistry has participated Inter- Collegiate completion at Sri Ramakrishna College of Arts and Science, Coimbatore on 10.12.2019
- 06 Students from II B.Sc. Chemistry has participated National Workshop at KSR College of Arts Science, Tiruchengode on 18.11.2019.
- 22 Students from II, III B. Sc. & I M.Sc. Chemistry has participated a National Workshop at SNMV College of Arts and Science, Coimbatore on 20.12.2019.
- 12 Students from I & II B. Sc. Chemistry has participated a National Workshop at PSG College of Arts and Science, Coimbatore on 01.02.2020.
- 09 Students from I M. Sc. Chemistry participated in National Conference at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore on 07.02.2020.

9. Placement – 24 students were placed

10. Clubs / NSS

- Students of II B.Sc. Chemistry have participated in the NSS Camp from 19/07/2019 to 25/07/2019
- B. Deva Prasath
- D. Kamali
- S. Rudhra
- S. Sivagami

11. Any Other Department Specific

Avogadro Association of our department have organized

- Eight Guest Lectures
- Two Interdepartmental Meet (“Catenation-2K19” & IDWGS 20)
- One Extension activity (Environment Enrichment through Conservation of Resources)
- One Skill Based activity (Preparation of household chemicals and awareness programme on Importance of medicinal plants to village people)
- Two Industrial visits

- 3 Faculty members from our department got certified in NPTEL online exam.
- 2 Faculty members from our department completed Online Refresher Course in Chemistry for Higher Education – SWAYAM ARPIT.
- Chemistry and Biochemistry department jointly organized a workshop on Water & Waste water Analysis, 29.08.2020 & 30.08.2020 funded by DBT Star Scheme.
- 64 students of our department have undergone NPTEL online exam.
- Dr. S. Sathiyaraj has received best HOD of Faculty of Basic and Applied Science, awarded by Achiever's Club, Dr.NGPASC on 26.02.2020.
- Dr. R. Menaka has received best Mentor from Chemistry department awarded by Achiever's Club, Dr.NGPASC on 26.02.2020.
- Dr. R. Menaka has received best Teacher from Chemistry department awarded by Achiever's Club, Dr.NGPASC on 26.02.2020.



Guest Lecture on **Trends and Challenges in Chemical Sciences** by Dr. T. Selvaraju, Associate Professor, Department of Chemistry, Bharathiar University on 16.08.2019



Extension Activity on **Environment Enrichment through Conservation of Resources** on 27.01.2019





Organized interdepartmental competition as “**Catenation**”
2K19 on 04.09.2019



Extension Activity on **Preparation of household chemicals** and awareness programme on **Importance of medicinal plants to village people** at Veeriyampalyam village on 08.02.2020



A Guest Lecture on **Electronic spectroscopy and its application** by Dr. A. Chandramohan, Associate Professor and Head, Department of Chemistry, Sri Ramakrishna Mission Vidyalaya college of arts and science, Coimbatore on 26.02.2020.



Department of Medical Physics

Annual Report (2019 – 2020)

1. International / National / Conferences / Workshop / Seminar Organized –

- NATIONAL CONFERENCE ON RECENT TRENDS IN BASIC AND APPLIED SCIENCES (NCRTBAS) on March 2-3, 2020, Organized by FACULTY OF BASIC AND APPLIED SCIENCES.
- Dr. Homi J Bhabha Endowment Lecture on Artificial Intelligence in Medicine “Blessing or Curse” organized by Department of Medical Physics, Dr. N.G. P. Arts science and College, Coimbatore on 2nd March, 2020.

2. Awards and Recognitions of staffs and students

- Mrs. P. Karthika, Assistant Professor, Department of Medical Physics got appreciation award by AMPICON on 07-10-2019.
- Ms. S. Monika awarded for best oral presentation in AMPICON (TN/PY) Conference in Kanyakumari on 7th February, 2019.

3. MoUs details of the department –

- The MOU is made on 29th February 2020 at Bangalore between Dr.N.G.P Arts and Science College (Autonomous), Kalapatti Road, Coimbatore-46, Tamilnadu, India and Narayana Hrudayalaya Ltd, No. 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore, Karnataka, India – 560099 for the purpose of internship to the Post M.Sc. Medical Physics students.

4. Grand Received from the funding agencies – Nil

5. Staff / Student Consultancy – Nil

6. Staff / Students International / National Journal Publications

Staff Publications: Nil

Student's Publication: Nil

7. Staff Participation / presentation in conferences / seminar

- Mrs. P. Karthika has presented a paper on “Quality control and quality assurance of fluoroscopy” in AMPICON (TN/PY) Conference, Kanyakumari on 7 October 2019.

8. Student Participation/ Presentation in conference / symposium / inter - collegiate

- Ms. S. Monika has presented a paper on “Dosimetric Characterization of PTW TM Octavius 729 Array for Clinical Photon Beam ” in AMPICON (TN/PY) conference , Kanyakumari on 7 October 2019.
- Mr. K. Ravikumar has presented a paper on “LINAC - Based Stereotactic Radiotherapy Isocenter Verification” in AMPICON (TN/PY) conference, Kanyakumari on 7 October 2019.
- Ms. M.S. Swathy has presented a paper on “A Study of Flatness and Symmetry of Electron Beam Using PTW 729 2D Array Detectors ” in AMPICON (TN/PY) conference , Kanyakumari on 7 October 2019.
- Mr. S. Venkatesan has presented a paper on “Calibration of Ir-192 High Dose Rate Brachytherapy Source Using Two Different Chambers and Calibration Methods” in AMPICON (TN/PY) conference , Kanyakumari on 7 October 2019.
- Ms. B. Jayaswathy has presented a paper on “A Study of Computed Tomography Dose Index Measurements using Head and Body Phantom Using Nomex Dosimetry ” in AMPICON (TN/PY) conference , Kanyakumari on 7 October 2019.

9. Placement – Nil

10. Clubs/ NSS - NIL

11. Any Other Department Specific

- Roentgen Association of Medical Physics department have organized Six Guest Lectures



Guest Lecture on “ Basic and advanced Quality Assurance Programme in Diagnostic Radiology” by Dr. C. Senthamilselvan, Lecturer cum RSO, Mahatma Gandhi Medical College and Research Institute, Pondicherry on 10.02.2020.





National Conference on “Recent Trends in Basic and Applied sciences” Organized by Dr. N.G.P. Arts and Science College (Autonomous) , Coimbatore on 02-03, March 2020.



Dr. Homi J Bhabha Endowment Lecture on Artificial Intelligence in Medicine “Blessing or Curse” by Dr. Mathew Cherian MBBS., MD., PDCC. HOD Radiology, Interventional Radiologist Kovai Medical Center & Hospital, Coimbatore on 2nd March, 2020.



DEPARTMENT OF MATHEMATICS

ANNUAL REPORT (2019 – 2020)

International / National / Conferences Workshop,
Seminar Organized –

- National Conference on Emerging Trends in Mathematics with Computer Applications on 12.09.2019
- National Conference on Recent Trends in Basic and Applied Sciences on 2.03.2020 and 3.03.2020

Awards and Recognitions of staf and students

- S. Gokilamani, awarded for the Best Mentor by Dr. N. G. P. Arts and Science College
- S. Gokilamani, awarded for the Best Teacher by Dr. N. G. P. Arts and Science College
- C. Siva Kumar, awarded for the Best Mentor by Dr. N. G. P. Arts and Science College
- Dr. S. Mathankumar, awarded for the Best Mentor by Dr. N. G. P. Arts and Science College
- Dr. S. Kannaki, awarded for Sri Nalla Gounder Ph.D. Award by Dr. N. G. P. Arts and Science College

Staf Members acted as Chief Guest / External Expert / Guest Lectures/BoS

- Dr. R. Sowrirajan, Acted as Chief Guest Dr. NGP IT Math Club Inauguration at Dr.N.G.P. Institute of Technology, Coimbatore on 15.06.2019.
- Dr. R. Sowrirajan, Delivered a guest lecture on Mathematical Finance - An Introduction at Tiruppur Kumaran College for Women, Tiruppur on 29.07.2019.
- Dr. R. Sowrirajan, Delivered a guest lecture on Mathematical Modeling at P.S.G. College of Arts and Science on 17.09.2019.
- Dr. R. Sowrirajan - has acted as a subject expert and conducted audit of the Department of Mathematics at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore on 19.09.2019
- Dr. S. Kannaki - Delivered a guest lecture on Measuring Technical Efficiency using Frontier 4.1 at Kumaraguru College of Liberal Arts and Science, Coimbatore on 30.09.2019.
- Dr. R. Sowrirajan, Delivered a guest lecture on Modern Teaching methods during the Mathematics Club inauguration of Dr. N. G. P College of Education, Coimbatore on 27.11.2019

Staf / Students International / National Journal Publications

Staf Publication:

- Dr. M. Sangeetha published paper entitled Fuzzy Transportation Problem using Vikor Risk Decision Making, IJREAM, 2454-9150/August 2019/Vol. 5, Issue 5. [Scopus Indexed].

Staf Participation / presentation in conferences / seminar -

- Dr. V. Divya Participated in One day National Seminar on Probability Theory and Linear Algebra in Artificial Intelligence on 8-Nov-19 at Coimbatore Institute of Technology, Coimbatore
- Mrs. S. Gokilamani presented paper entitled Balanced Rank Distribution Labeling of Ladder Graphs, Complete Graphs and Complete Bipartite Graphs in SERB Sponsored International conference on Graph Theory and its Applications (ICGTA-2019) on 20-Nov-19 and 21-Nov-19 at SSN College of Engineering, Chennai.
- Dr. P. Umamaheswari presented paper entitled Solution of Stochastic Fractional Neutral Integro-Diferential Equations with Gaussian Noise in International Conference of ISIAM - 2019 on 5-Dec-19 and 7-Dec-19 at Bharathiar University and Anna University Regional Campus, Coimbatore
- Dr. M. Sangeetha presented paper entitled Effect of Vikar operator in Transportation Problem in International Conference-ICAAM-2020 on 22-Feb-20 at Bharathiar University, Coimbatore
- Dr. S. Kannaki presented paper entitled Technical Efficiency Estimates of Stochastic Production Frontier Model using Rayleigh Distribution in International Conference-ICAAM-2020 on 22-Feb-20 at Bharathiar University, Coimbatore

Student Participation / Presentation in conference / symposium /inter - collegiate

- Santhiya. K and Dharani. K won Second Prize in Art from Waste in Inter Collegiate Meet at Sasurie College of Arts and Science, Tirupur on 09.08.2019
- Hiduja. S won Second Prize in Math Rangoli in Inter Collegiate Meet at Vellalar College for Women, Erode on 06.09.2019



- Anushya. R won First Prize in Paper Presentation in Inter Collegiate Meet at Vellalar College for Women, Erode on 06.09.2019
- Swetha and Sarika B won Second Prize in Math Modeling in Inter Collegiate Meet at CMS College of Science and Commerce, Coimbatore on 20.02.2020

Placement

- 73 students from final year were placed in various reputed companies like Zifo, IBM, Wipro, Infosys, KGiSL, L&T, Focus, Altruist, Concentrix, TCS, CTS Amazon, etc.,
- Students also received 152 offers.

Any Other Department Specific -

The Sigma association of our department organized

- Four Guest Lectures
- One Endowment Lecture
- Two Staf Seminar Programme
- Two student seminars Programme
- Five staf and 100 students completed NPTEL Online Courses.
- One Inter collegiate meet (Math Fest-2019)
- One Interdepartmental Meet
- Two Alumni programme
- One Industrial visits
- Three Extension activities

Staf Members:

- Dr. R. Sowrirajan
- Dr. M. Sangeetha
- Dr. S. Eswaramoorthi
- Mr. S. Rameshkumar
- Mrs. S. Gokilamani
- Mr. C. Sivakumar
- Dr. P. Umadevi
- Mrs. M. Lavanya
- Dr. S. Kannaki
- Mrs. N. Geetha
- Dr. V. Dinakar
- Dr. S. Mathankumar
- Ms. S. Priyanka
- Dr. V. Divya
- Dr. P. Umamaheswari
- Ms. R. Reena Rani



National Conference on Recent Trends in Basic and Applied Sciences on 2.3.2020 and 3.3.2020



National Conference on Emerging Trends in Mathematics with Computer Applications on 12.09.2019



Guest Lecture on Attitude Building by Dr. B. Rosiline Jeetha, Dr.N.G.P.ASC



Guest Lecture on The Role of Digital Banking in Digital Era by Dr. C. Kandasamy, Dr. N.G.P. ASC





Guest Lecture on E- Learning by Dr. M. Muthukrishnan,
Dr. N.G.P. ASC



Extension activity – Awareness on plastic bag usage, save
girl child & educate for School Students at Panchayat
Union Elementary School, Chinna Thadagam, Coimbatore.



Guest Lecture on The Role of Technology in Learning by
Mr. B. Narasimhan, Dr. N.G.P. ASC



Extension Activity – Awareness on conservation of water,
cleanliness, hygiene and sanitation for Public at Chinna
Thadagam, Coimbatore.



Extension activity – Social Issues for Public at Chinna
Thadagam, Coimbatore.



DEPARTMENT OF CATERING SCIENCE AND HOTEL MANAGEMENT

Alumni Interaction Program on “Attributes of a Hotelier” by Mr.T. Niranjan Prabhu, Front Office Associate, Hotel Vivanta by Taj surya, Coimbatore and Ms.D.Deepa, Sales Team Associate, Fairfield by Marriott, Coimbatore for our students on 5.07.2019.



One Day Workshop on “Gueridon Food Preparation” by Mr. R.Shreedhar, Training & Development Manager - F&B, Tamara Leisure Experiences India Ltd, Skilling Academy (Advaith foundation), Bengaluru on 8.02.2019.



Alumni Guest Lecture on “Current Scenario in Hotel Industry” by Mr. T.Vishnu Prasath, Business Development Executive, The Residency Towers, Coimbatore on 15.02.2020.



Two Days National Conference - “National Conference on Recent Trends in Basic and Applied Sciences” - NCRTBAS 2020 on 2nd and 3rd March 2020.

Extension activity - Awareness Campaign on “Effects of Food Wastage” at Veeriyampalayam on 27.07.2019.



One day hands-on training on “Biryani Preparations” for our college staff on 31.07.2019.

In-house Guest Lecture on “Catering towards Healthy Tomorrow” by Dr. Radha Palaniswamy, Assistant Professor, Department of Biotechnology on 26.08.2019.



Alumni Interaction Program on “Entrepreneurship in Catering Industry” by Mr.C.Gokulraj, Executive Director, SACS Foods, Palani, on 18.10.2019.





“Auguste Escoffier Endowment Lecture” on “An Overview on Entrepreneurship in Hospitality Sector” by Mr. Madhampatty. T. Rangaraj, Actor/ Managing Director, Madhampatty Thangavelu Hospitality Services Pvt. Ltd, Coimbatore, on 7.03.2020.



Poster Presentations for “World Tourism Day Celebrations” on 27.09.2019.



Interdisciplinary Workshop on “Extraction of Natural Dyes from Plants and Vegetables and its Application in Food Preparation” with the Department of Biochemistry on 7.12.2019.



Interdisciplinary Activity on “Mushroom Cultivation and Value Added Product Production” with the Department of Biotechnology on 11.12.2019.

Interdepartmental Exhibition “Ayur Food Festival” with the Department of Biochemistry on 1.02.2020.



Industry Institute Interaction by Mr. Idli. Kannadasan, Managing Director, Sri Taste & Taste Catering (TNT), Coimbatore on 13.03.2020.



Knowledge Exchange Programme on “Morphological Study and Role of Microorganisms in Fermentation” with the Department of Microbiology on 12.03.2020.



STUDENT ACHIEVEMENTS:

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1.	6th - 7th July 2019	Mohanraj. A Sakthivel. S	Kabaddi Men	Puthiyamuthur, Thoothukudi	State level Open Tournament	Fourth Place
2.	30th Sep - 1st Oct 2019	Mohanraj. A Sakthivel. S	Kabaddi Men	SRKV, Periyanaicken Palayam	Bharathiar University zone Tournament	Winner
3.	11th & 12th Oct 2019	Mohanraj. A Sakthivel. S	Kabaddi Men	Bharathidasan Arts and Science College, Chithode	Bharathiar University Inter Zone Tournament	Winner



STAFF PARTICIPATIONS

Mr. S. Vijayakumar has acted as the chief guest and resource person for the “World Food Day Celebrations” at Frontline Academy School, Tirupur on 16.10.2019.

Mr. M. Santhoshkumar, has acted as a resource person at AURA Hotel, Trichy and provided training for their employees on 25.10.2019.

Served as an Accessor, for the “District Level Skill Competition” for the Coimbatore region by Tamil Nadu Skill Development Corporation – TNSDC”.

Mr. M. Santhoshkumar - 25.01.2020
 Mr. V.S.S. Srinivasan - 29.01.2020
 Mr. S. Vijayakumar - 30.01.2020



DEPARTMENT OF CDF

GUEST LECTURE ON SELF AWARENESS ON SKIN CARE

A Workshop about skin care was conducted by the Department of Costume Design and Fashion on 27th June 2019. It was conducted by Mrs. Shyamala Kailash, ORIFLAME India, Beauty Consultant Manager cum Wellness Coach and Service Point Owner. The session was very useful that it gave more information about the beauty products of The Oriflame Company. In a short time the students were given more knowledge about the usage of different products. The students were also able to have a good interaction with the guest and to clarify any of their doubts on skincare. And most of all a demonstration was given in a very short time about the way and methods to be followed in the application of beauty products. Hence the workshop was very useful and successful.

WORKSHOP ON TRADITIONAL ART FORMS

A Painting workshop was conducted by the Department of Costume Design and fashion on 17th and 18th of July 2019. It was conducted by Mrs. Rama Rajesh who played a very good role in fine arts. Mainly four kind of traditional painting ideas and methods were shared with the students. The mural painting of kerala, madhubani, kalighat along each student was able to work out three of the traditional painting very creatively. The interaction of Mrs. Rama Rajesh was very appreciable that she was trying to bring out the artist in all students. Students were working out with great interest. Thus conducting the workshop on painting was very useful that each student was able to realize their hidden artist in them and how to bring out such talents.



BOOK FAIR

A Book fair was being held at Codessia and the students of the Department of Costume Design and Fashion has been taken into the book fair on 23 July 2019. It was very appreciable that each student was in great excitement to attend the book fair. The transport facilities were provided by the college and proper guidance was given from the department. Lots of books were shining like bright star in the book fair. Books of different authors, educational books and international best sellers were also available. It was even sold for reasonable price that it was not much hard for a book lover to own the books very easily. Many students have bought the of their own interest to light up themselves. It was really a surprise of having a lot of good books. After the book fair, students were also able to enjoy their leisure time in the food court with different food items. And hence the book fair was a useful event for every student and staff.



WORKSHOP ON BASIC ILLUSTRATION

An Illustration workshop was conducted by the Department of Costume Design and fashion on 24th and 25th of July 2019. It was conducted by Mrs. Midhula Naveenkumar who played a very good role in fine arts. A drastic knowledge of illustration and painting methods were shared with the students. A Variety of illustrations such as charcoal, color pencils, water and poster colors were brought up in this session. The interaction of Mrs. Midhula Naveenkumar was very appreciable that she was trying to bring out the artist in all students. Students were working out with great interest. Thus conducting the workshop on illustration was very useful that each student was able to realize their hidden artist in them and how to bring out such talents.



HANDLOOM FASHION SHOW FOR COLLEGE GIRLS

August 7 was chosen as the National Handloom Day to commemorate the Swadeshi Movement which was launched on this day in 1905 to protest against partition of Bengal by the British Government. In order to remember the handloom artisans and to promote the growth of traditional dying handlooms Dr. N.G.P ARTS AND SCIENCE COLLEGE conducted a contest of handloom fashion show for college girls. It was conducted on 05/08/2019 at the conference centre. The program was resourced by people's seva centre. The aim of the program was to bring out the traditional handlooms out of dust where people are not aware about its importance. Nearly 60 students from different departments have put effort to participate in the contest and the aim of the program was successfully achieved. The handloom saree's were draped stunningly in different styles and forms by the participants. And the whole program gave a colourful impact to the audience where the motive to promote handloom was also achieved.



KNIT SHOW -2019

A knit show was conducted on at velan hotel, the students from the department of costume design and fashion was taken for the knit show. They were taken using college transport facilities. A detailed exhibition was conducted at that ground. Huge machineries used for the printing purpose, knitting purpose were exhibited. The samples of lace material, embossed material and various other knit fabrics were also there in the exhibition. After the exhibition there was food court available to spend the leisure time. Hence the knit show was very useful.

KNOWLEDGE SHARING PROGRAM

A knowledge sharing program was conducted by Mr.S.Bharthsundar.He own's Sri Saradha's silks at dhavapuram.It was conducted on 07 /08/2019 at seminar hall VII .Students from department of costume design and fashion of Dr. NGP ARTS AND SCIENCE COLLEGE

participated in this program. Mr.S.Bharathsundar shared a very vast knowledge about the traditions .He mostly aimed at giving ideas on the different states and the traditional garments followed by them. Students were able to grasp valuable ideas and knowledge on the traditional garments. The session was conducted in such a way that students were able to rectify their doubts. A good interaction was going on between the students and resource person. Hence the program was very useful in gaining good knowledge about unknown traditions of different states

EARN WHILE YOU LEARN

On 17th August 2019 a program called "Earn while you learn" was conducted by the final year students of department of costume design and fashion, Dr.NGP ARTS AND SCIENCE COLLEGE. It was arranged at the front office of the college. As per title, the program was conducted in order to bring up an entrepreneurial mindset to the students. In this event the students created handbags of their own effort with the support of the staffs and sold most of it within the college itself. The program was very successful that a good response and more orders for bags have been received from the part of college. The money received after selling the bags were given to the students itself who owned it. This made to have a deep thought on being little entrepreneurs and a starting step was given to the students who enjoyed doing it very well.



STUDENT INTERACTION

A student interaction session was conducted on 4th of September 2019 at the illustration lab of department of costume design and fashion, Dr. N.G.P. Arts and Science College. The alumni meet usually makes students to have a clear idea about the future and the way to reach the destination. Hence the senior passed out students put forward their time for helping the upcoming juniors to have an idea or to rectify doubts. Students were very happy to have an interaction with them and the session made students to have a clear path. The vast opportunities available for the designing students at different areas of the world were brought into the knowledge of students. Each student were very free to have an open conversation. Hence the small session gave big ideas to the everyone who attended.



EXTENSION ACTIVITY OFFERINGS TO ORPHANAGE

“God has given us two hands; one to receive with and the other to give with” taking this into account the final year students from the department of costume design and fashion spot out an helping hand to the orphans of Udhavum Karangal, Othakkal mandapam. It was conducted on 14-09-2019. It was an fantastic day that the students were able to spent time with them. As the students are from the costume design and fashion field garments created by past year students were collected, which also by got the part of seniors and was given to the orphans as a giving hand. They were really excited to spent time with us. Few cultural was giving by the students later an enjoyable dancing was done altogether with them. We are glad that they were really happy to have the students there and to spent time with them. That was another best day happened in each one's life.



Workshop on Clear Face Confidence

A clear face confidence guest lecture was conducted on 7/12/2019 at Dr.ngp arts and science college. Number of students participated in the lecture in which the detailed description on skin protection and more was given. It was conducted under the guidance of Mr.B Moorti from Himalayan drug company. Students those who have registered their names were given a Himalayan product from the part of the company. Lots of games were also arranged for the students in which everyone was eager in participating and the winners were gifted with pack of Himalayan products. Students whole heartedly participated in the session in which they also entertained the students very well.

CELESTIAL'20

The celestial 20 program was conducted as every year without any fail on 10/01/2020 at Dr. NGP ARTS AND SCIENCE COLLEGE. The program was conducted for final year students of the department of costume design and fashion. This was a fantastic chance for the students to showcase their talents in front of the audience. Students have

put lots of effort and hardwork for months to perform for the celestial. They were divided into groups and performed in the stage with their designed garments. It was a great pleasure for the viewers that it was a relaxing program in which students were able to bring up their effort. The program was very successful as every year which made everyone more glad for what they did. It was with the complete support of staffs, the students gave a good output. Hence the program was successful.



WORKSHOP ON BLOUSE MAKING

A Blouse workshop was been conducted by our department ,Costume design and Fashion for two days (28/01/2020-29/01/2020) for uneducated, nonworking women to develop the skills and interest for sewing, who volunteered in the workshop and even the students of CDF department and various other department who were interested took part in the workshop. In the workshop two professional tailoring women were invited to guide them to sew a blouse in the most professional way, where all the students and the working women were able to learn them in a easy way....All of them showed a great interest in taking part and requested to conduct a few more workshops to develop their skills. Most of the uneducated women came up from nearby places like kalapatti, peelamedu, gandhipuram, etc. whoever benefited learning and gave us a good feedback about the arrangements made by the department.



GUEST LECTURE ON PHOTOSHOP

A photoshop lecture was conducted for the students on 29th of January 2020 in the department of costume design and fashion, Dr.Ngp arts and science college. It was conducted aiming at the development of skills in technology, mainly photoshop. The resource person was Mr.R.Santhosh Kumar who is a designer from reeds fashion located at tirupur. He handled the session in a very liable manner that the students were able to capture the ideas very quick. Number of tools and it's usages was conveyed within a minute of time. Hence students were able to improve their skills in using photoshop and a good interaction was going on between the lecturer and students. Most of all the session helped to improve the ideas on improving skills than expected.

ENTREPRENEURSHIP DAY

The purpose of the World Entrepreneurs' Day is to create awareness for entrepreneurship, innovation and leadership throughout the world. Dr.N.G.P ASC Department of management studies & department of costume design and fashion together conducted the entrepreneurship day on 7th of February 2020. It was conducted to build up ideas on younger minds which are world's upcoming power. The sessions were handled by different respective dignitaries who are entrepreneurs at different fields. Ms. Megabarathi selvaraj, Founder & MD of Megabarathi associates pvt ltd, Mr.V.Saravana Krishnan, Marketing officer from National small industries corporation ltd and Mr. Joseph R Prasad, Proprietor from Ocean's lounge sea food restaurant handled the sessions. It was very useful for the students to implement an entrepreneurial mindset. They shared ideas to be successful as entrepreneurs from experiences of their journey.

GUEST LECTURE ON WOMEN'S SANITARY NAPKIN

A Lecture on women's sanitary napkin was conducted by the department of costume design and fashion on 13th of February 2020. It was handled by Mr.R Sunil Kumar, production incharge from WIN technologies. Girls and female staffs took part in the session where they conveyed the need to use good quality products for personal hygiene. A lot of information about the sanitation and napkin was given in this session. The doubts on new products of different companies were also easily rectified by the resource person. Hence this lecture made awareness about sanitation and self hygiene.

COLLABORATIVE KNOWLEDGE EXCHANGE PROGRAM

Dr.N.G.P ASC DEPT OF COMMERCE WITH BUSINESS ANALYTICS & DEPT OF COSTUME DESIGN & FASHION together conducted a knowledge exchange program. This program was mainly conducted in order to exchange knowledge from both department to the other. It was conducted on 17th of February 2020. Students from the department of costume design and fashion were sent to the department of commerce with business analytics, the same in the either way. Selected Students from each department with the support of their staffs managed to share their knowledge on particular topics of their field. Hence students were able to have an idea about each department.

GUEST LECTURE ON ARTISANAL SOAP MAKING

Artificial soap making guest lecture was conducted on 24th of February 2020. It was held at seminar Hall of Dr. N.G.P. ARTS AND SCIENCE COLLEGE by the department of costume design and fashion. The resource person was Mrs.Arthi Rajendran who is a passionpreneur, where the business is built by her passion. She took the assistance of few students from the costume and fashion designing students and made the soap mixture. Then she divided all the students into teams, gave soap mixture in piping bag and then asked them to decorate the cupcake shaped soap that she had already made. She made students to make the soap look like cupcake with cream so students piped the cream (soap) on that soap. She also mentioned about the importance of using selfmade soap and it's necessity. Students interestingly attended the active session.

GUEST LECTURE ON TUKA CAD

The guest lecture on tuka CAD was conducted on 24th of February 2020. The session was handled by Mr.S.Sathyaraj at computer lab IX. Within short period of time most of the tools used in TUKA CAD was easily taught to the students. Students were also asked to practice the tools of the software in between the session. They were able to have a good interaction based on CAD to Mr.S.Sathyaraj. The session was very productive in gaining more knowledge about TUKA CAD.

GUEST LECTURE ON DIGITAL MARKETING OF PORTFOLIO

Digital marketing of portfolio was held on 27th of February 2020. It was conducted by Mr.S.Vignesh, Business Development Manager, Image Creative Education. The



session was organised at the illustration lab of department of costume design and fashion. A vast knowledge on the portfolio in digital marketing was being shared to the students by the resource person. Students became more aware about the present importance of digital marketing. Lots of tools in photoshop and many other software's related to portfolio and digital marketing were taught. Students were very eager to gain knowledge from this session. The lecturer was a very friendly staff where he managed to interact and teach almost all of the students. Thus it was very successful in gaining more knowledge.

NATIONAL CONFERENCE ON RECENT TRENDS IN BASIC AND APPLIED SCIENCES (NCRTBAS 2020)

National conference on Recent Trends in Basic and Applied Sciences was conducted in the department of costume design and fashion at Seminar Hall - II by Prof. R. Vijaya Lakshmi and Mrs. Shiny Anto. It was held on 2nd and 3rd of March 2020. The professor conveyed information about textiles in the current era. She had a deep knowledge and a good experience in the fashion field. She conveyed students about the way to bring up the knowledge in fashion and importance of learning more. The same way Mrs. Shiny Anto who is an online successful entrepreneur conveyed her journey from being an IT professional to fashion designer. She taught how to work hard for the passion and how to fight battles to achieve success. Students were very deeply motivated by her inspirational talk. She showed that stepping out of the comfort zone is the way to success.

He also added up the surveys he has done on the part of textiles and fashion which showed his hardwork to collect valuable information. Students were very interactive with the lecturer. Valuable information was also passed by him from his knowledge and experiences. He also motivated the students to work effectively to bring up textiles and fashion.



ENDOWMENT LECTURE

Endowment lecture was conducted in the department of costume design and fashion at Dr. NGP ARTS AND SCIENCE COLLEGE. It was conducted on 12th of March 2020. The resource person was Mr. M. L. Vijayakumar. The session was so effective and useful for the students that he presented the development of textiles from the beginning.

