



SREE NARAYANA COLLEGE CHATHANNUR



AQAR 2023-2024

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.4 – Number of students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

NET COACHING CLASS REPORT (2022-2024)

The Net coaching cell at the Department of Mathematics, Sree Narayana College, Chathannur conducted a CSIR- NET orientation class for post graduate students of Mathematics on 09/12/2022. The session led by Dr. Rani Rajeevan, Assistant Professor & HOD and Rasmi Kundancheri, Assistant Professor, Department of Mathematics, S.N College, Chathannur. The session started by discussing the exam pattern, syllabus in detail and shared new ideas for the preparation of General Aptitude, Logical Reasoning and subject related questions. Mrs. Rasmi Kundancheri enlightened the students with numerous job opportunities available for CSIR-NET awardee in the field of teaching and research. The session was really interactive and informative for students. Also the NET coaching cell decided to conduct classes for Post Graduate students for each semester from 9.00 am to 9.30 am of some selected working days.

In First Semester, the NET coaching started for the post graduate students on 09-12-2022 by Mrs. Ramsiya B , Guest Lecturer, Dep. of Mathematics . The classes were conducted in offline mode and discussed the previous questions in the areas of Sequence and series, convergence, limsup, liminf, Bolzano Weierstrass theorem, Heine Borel theorem, Continuity, Uniform continuity, differentiability, Mean value theorem, Sequence and series of functions, Uniform convergence, Reimann sums and Riemann integral and Improper integrals in Analysis on 14th, 16th and 20th of December 2022.



In Second Semester, the NET coaching started on 10/07/2023 by Miss. Keerthana Mohanan S, Guest Lecturer, Dep. of Mathematics and discussed the previous questions in the areas of Groups and Rings of Abstract Algebra. After that she conducted classes on 12th , 19th and 21th of July 2023 by offline mode and discussed some topics on groups , homomorphism , rings, integral domain , fields and Galois extension.



In Third semester , the NET coaching started on 22/01/2024 by Miss. Keerthana Mohanan S, Guest Lecturer, Dep. of Mathematics and discussed the previous questions in the areas of vector spaces and linear transformation of Linear Algebra. After that she conducted classes on 23rd , 24th and 25th of January 2024 by offline mode and discussed some topics on vector Space ,Subspace,Rank Nullity Theorem and Linear Transformations.



In Fourth Semester , the NET coaching started on 06/06/2024 by Miss.Sruthy Guest Lecturer, Dep. of Mathematics and discussed the previous questions in the areas of Singularities, Analytic functions and Mobius Transformation of Complex Analysis. After that she conducted classes on 13rd , 20th and 27th of June 2024 by offline mode and discussed some topics on Singularities, Residues, Problems related on Residue Theorem



Register of Attendance and Fees for the Month of

| Admission No. | Sl. No. | NAME | Days Emp. Date | Month | | | | | | | Total | No. of Days Present |
|------------------------|---------|--------------------------|----------------------|-------|---|---|---|---|---|---|-------|---------------------|
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |
| | 1. | Akhila S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 2. | Anjali S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 3. | Anjana B. Ponnad | | A | A | A | A | A | A | A | 7 | 7 |
| | 4. | Anuclamel A. | | P | P | P | P | P | P | P | 7 | 7 |
| | 5. | Ansu A. | | P | P | P | P | P | P | P | 7 | 7 |
| | 6. | Anusha N.S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 7. | Athira R. | | P | P | P | P | P | P | P | 7 | 7 |
| | 8. | Athulya S.S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 9. | Jenika Martin | | P | P | P | P | P | P | P | 7 | 7 |
| | 10. | Keethi A.S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 11. | Megha M.Lal | | P | P | P | P | P | P | P | 7 | 7 |
| | 12. | Prasanth M.P. | | A | A | A | A | A | A | A | 7 | 7 |
| | 13. | Somyatha Dasan | | P | P | P | P | P | P | P | 7 | 7 |
| | 14. | Sreelakshmi M.S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 15. | Sreethy J.R. | | P | P | P | P | P | P | P | 7 | 7 |
| | 16. | Veena V.S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 17. | Vidhya Shaji S. | | P | P | P | P | P | P | P | 7 | 7 |
| Name of Teachers | | | | | | | | | | | | |
| | 1. | Smt. Ramaja B. | | P | P | P | P | P | P | P | 7 | 7 |
| | 2. | Miss Keethana Mahamun S. | | P | P | P | P | P | P | P | 7 | 7 |
| | 3. | Ms Sreethy | | P | P | P | P | P | P | P | 7 | 7 |
| Dr. Rav. Rajaram (100) | | | | | | | | | | | | |
| Kamini Kundambhari | | | | | | | | | | | | |

No. PRESENT DAILY: 7
PERCENTAGE: 100%

Current fees collected: 0
Arrear fees collected: 0
Fine: 0

Attendance of NET classes (2022-24 batch.)

Name of the Activity conducted by the HEI to offer guidance for career counselling offered by the institution during the last five years

1. **Connect Campus programme (CCC)** organized by Knowledge economy mission is a campaign that promotes the concepts of 'Right job @ Right Time, by raising awareness about new-age jobs, changes in global job markets, the importance of skilling, and encouraging students to find the right career at right time. On 19 January 2024 we organized an orientation on Drawing workforce management system for the final year UG and PG students at 10 am. This programme was inaugurated by Amjith S, Principal, SN College Chathannur. Rasmi Kunancheri, Convener, Career guidance and Counselling cell welcomed the students and teachers. We also arranged a placement training for the students at 1 pm. The session was led by Jijo Jayachandran, Talent curation executive, KKEM. In this session all the students installed DWMS Application.

SREE NARAYANA COLLEGE
CHATHANNUR, KOLLAM

KERALA KNOWLEDGE ECONOMY MISSION

CONNECT CAREER TO CAMPUS

DWMS ORIENTATION & PLACEMENT TRAINING

INAUGURATION:
Sri. AMJITH S
(PRINCIPAL)

ON 19 JANUARY 2024
SESSION 1 : 10.00 AM - 12.00 PM
SESSION 2 : 1.00 PM - 3.00 PM

JJO JAYACHANDRAN
TALENTCURATION EXECUTIVE,
KERALA KNOWLEDGE ECONOMY MISSION,
GOVT. OF KERALA

Principal : Sri. Amjith S
Convener : Smt. Rasmi kundancheri



(Inauguration of DWMS Orientation and Placement Training)



(Speaker giving awareness about DWMS application)



(Detailing DWMS Application and Installation)



(Preparing Students for Self Introduction)



(Preparing to Face an Interview)

2. CAREER CLINIC

As part of our institution's commitment to providing holistic education and career guidance, our college organized a Career Clinic for the benefit of our students. This initiative aimed to provide individual counselling sessions and awareness programs for our third-year undergraduate and second-year postgraduate students.

The Career Clinic was conducted in collaboration with a team of four members from KKEM, who brought their expertise and experience to provide valuable insights and guidance to our students. The counselling session was highly interactive, with the team addressing the students' concerns, aspirations, and career goals. The program was extremely well-received by the students, who found the sessions to be highly informative and beneficial. The Career Clinic provided a platform for our students to explore their career options, identify their strengths and weaknesses, and develop a clear plan for their future. Through this initiative, our institution reaffirms its commitment to providing our students with a comprehensive education that prepares them for success in their chosen careers. We are grateful to the team from KKEM for their valuable contribution to this program and look forward to continuing our collaboration in the future.





3. PLACEMENT DRIVE

A group of students from our college participated in a placement drive organized by KKEM at Fathima Matha National College, Kollam. The students had the opportunity to attend various job interviews, gaining valuable experience and insights into the recruitment process.



4. Certificate course

Department of mathematics conducted a certificate course on Introduction to Python. As Python proficiency is a valuable asset in today's job market. It offers plentiful opportunities in software development, data analysis etc. It is easy and fun to learn. This is the reason we opt Python as our certificate course. There are 15 theory and 15 practical classes in our syllabus.

19 Students successfully completed this course. Thrisara V Prasad and Keerthana Mohanan S provided practical and theory classes effectively.

SREE NARAYANA COLLEGE
CHATHANNUR, KOLLAM

Affiliated to the University of Kerala,
Accredited by NAAC with 'B Grade'

College - level
Certificate Course on

**INTRODUCTION
TO PYTHON**

Organized by Department of Mathematics, 2023-24

```
#!/usr/bin/env python3
import sys
import os
import shutil
import argparse
import math
import random
import numpy as np
import cv2
import matplotlib.pyplot as plt

def main():
    parser = argparse.ArgumentParser(
        description="A Python script for image processing tasks, including image rotation, scaling, and translation."
    )
    parser.add_argument("input_image", type=str, help="Input image path")
    parser.add_argument("output_image", type=str, help="Output image path")
    parser.add_argument("--rotation", type=float, default=45, help="Rotation angle in degrees")
    parser.add_argument("--scale", type=float, default=1.5, help="Scale factor")
    parser.add_argument("--translation_x", type=int, default=100, help="Translation x offset")
    parser.add_argument("--translation_y", type=int, default=100, help="Translation y offset")
    args = parser.parse_args()

    input_image = args.input_image
    output_image = args.output_image
    rotation = args.rotation
    scale = args.scale
    translation_x = args.translation_x
    translation_y = args.translation_y

    # Load the input image
    img = cv2.imread(input_image)
    if img is None:
        print(f"Error: Could not load image {input_image}")
        sys.exit(1)

    # Convert image to grayscale
    gray_img = cv2.cvtColor(img, cv2.COLOR_BGR2GRAY)

    # Rotate the image
    rotated_img = cv2.rotate(gray_img, cv2.ROTATE_45)

    # Scale the image
    scaled_img = cv2.resize(rotated_img, None, fx=scale, fy=scale)

    # Translate the image
    translated_img = cv2.translate(scaled_img, (translation_x, translation_y))

    # Save the output image
    cv2.imwrite(output_image, translated_img)

    print(f"Image processed successfully. Output saved to {output_image}")

if __name__ == "__main__":
    main()
```

Coordinators: Keerthana Mohanan S and Thrisara V Prasad *Principal: Anjith S*



5. TRAINING ON SOFT SKILLS

The Women Cell organized a training program on '*Soft Skills*' at the Seminar Hall on

February 19, 2024, at 9:45 am. The session was handled by Mr Akhil S Raj, certified life skill and soft skill trainer, who brought extensive expertise to the program. The event aimed to enhance participants' soft skills to improve their personal and professional development. Ms. Jiji P, the Women Cell Coordinator, commenced the event with a welcoming speech and emphasized the significance of soft skills in today's competitive world, underlining their role in fostering effective communication and interpersonal relationships. The training program consisted of interactive sessions covering various aspects of soft skills, including communication, emotional intelligence, and teamwork. Practical exercises and role-plays were incorporated to enhance learning and skill application. The training program provided valuable insights into effective leadership, teamwork, and conflict resolution strategies. Participants expressed high levels of satisfaction with the training program, citing its relevance and practical applicability. Aparna, a First year B Com student, delivered a heartfelt vote of thanks, expressing gratitude to the organizers and facilitators for their efforts in organizing such a beneficial event. The training program on soft skills organized by the Women Cell was a resounding success, empowering participants with valuable insights and practical tools for self-improvement. It underscored the importance of continuous learning and development in today's competitive landscape.



6. Training Language proficiency in English

The Department of English at Sree Narayana College, Chathannur, conducted a two-month *Spoken English* course starting in October 2023. This add-on course was open to both faculty members and students of the college, with more than 50 participants enrolling. The course was designed to enhance English communication skills, fostering greater fluency and confidence in speaking.

The sessions were conducted by Dr. Nisha Somarajan, a faculty member of the Department of English, who brought her expertise and engaging teaching methods to the program. The classes focused on practical applications of spoken English, including pronunciation, vocabulary building, grammar essentials, and interactive conversation practice.

A unique feature of this course was its inclusivity and accessibility: no registration fee was charged, making it accessible to all interested participants. The interactive teaching methods used by Dr. Nisha Somarajan created a dynamic and supportive learning environment.

Upon successful completion of the course, participants were awarded certificates by the Department of English, recognizing their efforts and achievements in improving their spoken English skills.

This initiative was highly appreciated by the participants for its structured yet flexible approach. The course's success demonstrated the department's commitment to enhancing the linguistic skills of the college community, further encouraging similar programs in the future.



Sree Narayana College

Affiliated to University of Kerala

Certificate Course in Spoken English (2023-2024)

- **Duration** - 30 Hours
- Course offered by **English Department**
- Covers **5 modules**.
- **Benefits** - Expands vocabulary & improves proficiency in both written and spoken English.



How to Apply

Interested students can apply with the English Department