

- CANCER RESEARCH INSTITUTE
- CLINICAL RESEARCH CENTRE
- CENTRE FOR CANCER EPIDEMIOLOGY

कैंसर उपचार, अनुसंधान एवं शिक्षा का प्रगत केन्द्र
ADVANCED CENTRE FOR TREATMENT RESEARCH
& EDUCATION IN CANCER

प. ऊ. वि. भारत सरकार का एक सहायता अनुदान प्राप्त संस्थान
A GRANT-IN-AID INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT OF INDIA

22nd August 2021

To whomsoever it may concern

This is to certify that **Mr. Nikhil Nayak** has worked as a trainee on the project entitled **"To study the mechanism of mutant p53 destabilization in oral cancer cell lines."** from 1st February, 2021 to 31st July, 2021 in my laboratory.

During his tenure in my laboratory, Nikhil has demonstrated good skills and has obtained hands on training in techniques such as Protein estimation by Folin's and Bradford's method, Protein isolation from protein soluble and insoluble fractions, SDS PAGE, Western Blotting, Immunofluorescence, Immunoprecipitation, Transformation, Plasmid isolation (kit based), RNA isolation and Real time PCR. He has also completed observership in animal tissue culture techniques.

Nikhil is a very sincere and diligent student with a good scientific aptitude and understanding. During his tenure with my lab, I found him obedient, honest, and dedicated to his work. Nikhil, also exhibited the ability to work as a team and has proven to be a reliable bench worker. He often had healthy scientific interactions with colleagues in the laboratory during his term. Nikhil will be an asset to any laboratory he joins. I wish him good luck for his future endeavours.



Dr. Tanuja R. Teni

Principal Investigator &
Scientific Officer 'G', ACTREC
Associate Professor, HBNI
KS 312, ACTREC,
Email: tteni@actrec.gov.in
Ph: +91-22-27405071(O)

Dr. Tanuja R. Teni,

Principal Investigator Teni Lab,
& Scientific Officer 'G'
Advanced Centre for Treatment, Research
& Education in Cancer (ACTREC),
Tata Memorial Centre,
Kharghar, Navi Mumbai - 410210.

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30th August 2021

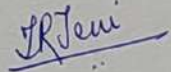
To Whomsoever It May Concern

This is to certify that **Ms. Rashmita Sahu** has worked as a trainee on the project entitled "**Molecular mechanisms of resistance to therapy in cervical cancer**" from 23rd March 2021 to 27th August 2021 in my laboratory.

During her tenure in my laboratory, Rashmita has developed hands on training in techniques such as Protein estimation by Folin's and Bradford's method, Agarose gel and SDS-PAGE casting, Colony forming Assay, *in vitro* cell irradiation, Western blotting, Real time-PCR, DNA and RNA isolation and its quantification. She has also completed observership in animal tissue culture techniques.

Rashmita is a disciplined, hardworking and obedient student with good analytical skills. I found her actively participating in scientific discussions in the lab. She has good communication and time management skills and is able to work in a team.

Rashmita will be a valuable asset to any laboratory she joins. I wish her good luck for her future endeavours.



Dr. Tanuja R. Teni
Principal Investigator &
Scientific Officer 'G', ACTREC
Associate Professor, HBNI
KS 312, ACTREC,
Email: tteni@actrec.gov.in
Ph: +91-22-27405071(O)

Dr. Tanuja R. Teni,
Principal Investigator Teni Lab,
& Scientific Officer 'G'
Advanced Centre for Treatment, Research
& Education in Cancer (ACTREC),
Tata Memorial Centre,
Kharghar, Navi Mumbai - 410210.

खारघर, नवी मुंबई - ४१० २१०, भारत.
दूरभाष : +९१-२२-२७४० ५०००
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फैक्स : +९१-२२- २७४० ५०८५

Kharghar,
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Fax : +91-22-2740 5085

E-mail : mail@actrec.gov.in
Website : www.actrec.gov.in

Cancer is curable, if detected early.

जल्द इलाज होने पर कैंसर ठीक हो सकता है।



Birla Institute of Scientific Research

Statue Circle, Jaipur – 302 001, Rajasthan, India
Tel.: (0141) 2385283, 2385094, Fax: (0141) 2385121
Website : www.bisr.res.in

Dated: May 9, 2021

CERTIFICATE

This is to certify that **Ms. Sowmya Murali**, a student of M. Sc. (Biotechnology), SIES College of Arts, Science and Commerce (Autonomous), Jain Society, Mumbai (M.H.) has completed her project entitled **“Isolation and characterization of endophytic and rhizobacteria of *Catharanthus roseus* as an alternative source of alkaloids of pharmacological importance”** under our supervision in conformity with rules and regulations of Birla Institute of Scientific Research, Jaipur from January 2021 to May 2021.

During this period, she has worked quite sincerely and methodically and used her scientific aptitude quite well for this project.

We wish her all the best in all her future endeavors.

Dr. R. K. Gothwal

(Guide)

Dr. (Mrs) Sampat Nehra

(Co-Guide)

Dr. A. K. Varshney

(Co-Guide)



टाटा स्मारक केंद्र
TATA MEMORIAL CENTRE

25768

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A GRANT-IN-AID INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT OF INDIA

3rd August 2021

To Whomsoever it May Concern

This is to certify that **Mr. Ujwal V. Shetty** has worked as a trainee in my laboratory on the project entitled "Role of Mcl-1 in DNA damage repair and autophagy post genotoxic stress in oral cancer" from 1st February, 2021 to 31st July, 2021.

During his tenure at ACTREC, Ujwal has obtained hands on training in several cellular and molecular techniques such as western blotting, Immunofluorescence, cell cycle analysis, transformation, plasmid isolation (kit based), cytoplasmic & nuclear fractionation from mammalian cells. He has also completed observership in techniques such as Immunoprecipitation, real time PCR, annexin/PI staining for apoptosis and animal tissue culture.

I found Ujwal an obedient & honest trainee with dedication for his work. He has the ability to work in a team and is a reliable bench worker. It is noteworthy that he often had healthy scientific discussions with colleagues in the laboratory.

Ujwal is a sincere and diligent student with good scientific understanding, skills and aptitude. I wish him all the best and good luck for his future endeavours.

Dr Tanuja Teni,
Scientific Officer G,
Principal Investigator,
Teni Lab.

खारघार, नवी मुंबई - ४११ २१०, भारत
दूरध्वनि : +९१-२२-२७४० ५०००
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जल्द शक्य होने पर कैंसर ठीक हो सकता है।

E-mail : mail@actrec.gov.in
Website : www.actrec.gov.in

Kharghar,
Navi Mumbai - 410 210, INDIA.
Phone : +91-22-2740 5000
+91-22-3924 5000
Fax : +91-22-2740 5085

Cancer is curable, if detected early

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **PRANALI MAHADIK** has completed Internship from **05th August 2020** to **04th November 2020** in **Food Tech** Department under the guidance of respective Department head and has worked on **Quality Check of Audit Reports** in her tenure.

During her Internship, she was found to be very enthusiastic, hardworking & showed keen interest in the assigned project.

We wish her all the best for future success.

EQUINOX LABS PVT.LTD.

A handwritten signature in cursive script that reads "Analina", underlined with a single horizontal line.

Human Resources



Date: 6th May, 2021.

TO WHOMSOEVER IT MAY CONCERN

We certify that **Ms. Sayyeda Anam**, student of **Post Graduate Diploma in Food Technology & Nutraceutical** from SIES college of Arts, Science & Commerce, has undergone training in the **Molecular Biology Department** at **Envirocare Labs Pvt Ltd** from **6th August 2020 to 21st December 2020**.

She has worked on project titled "**Molecular Biology based Analysis of Food and Consumer Products**" for submission to SIES college of Arts, Science & Commerce for the partial fulfilment of Post Graduate Diploma in Food Technology & Nutraceutical.

We wish her success in her future endeavours.

Sincerely Yours,

For Envirocare Labs Pvt. Ltd

Dr. Nilesh Amritkar
Managing Director



Raptim Research Pvt. Ltd.

A-226, TTC Industrial Area,
Near Mahape Depot, Mahape MIDC.,
Navi Mumbai - 400 710, India.
Tel. : +91 22 27781889 / 27781887
E-mail : contact@raptimresearch.com
CIN No. : U73100MH2002PLC136230

Date: 29.06.2021

To Whom it May Concern

This is to certify that Ms. Ann Sharon a student of SIES College of Arts, Science And Commerce, Sion (W), Mumbai has carried out her internship from 27/07/2020 to 31/12/2020, in the In vitro assay Department towards the partial fulfillment of the requirements for the award of the degree of Master of Science in Biochemistry.

During the period of training her conduct and performance was found to be good.

We wish her all the very best in her future assignment.

Regards



Raptim Research Pvt Ltd



Date: 6th May, 2021

TO WHOMSOEVER IT MAY CONCERN

We certify that **Ms. Aishwarya Vijayan**, student of **Post Graduate Diploma in Food Technology & Nutraceutical** from SIES college of Arts, Science & Commerce, has undergone training in the **Sales & Marketing Department** at **Envirocare Labs Pvt Ltd** from **1st July 2020 to 22nd November 2020**.

She has worked on project titled **"The Power of Digital Marketing"** for submission to SIES college of Arts, Science & Commerce for the partial fulfilment of Post Graduate Diploma in Food Technology & Nutraceutical.

We wish her success in her future endeavours.

Sincerely Yours,

For Envirocare Labs Pvt. Ltd

Dr. Nilesh Amritkar
Managing Director



VITAL NEUTRACEUTICALS PVT. LTD.

PH : 91-251-6570654
Telefax : 91-251-2473477



AN ISO 22000: 2005 HACCP CERTIFIED COMPANY

Fact. Address: Plot No. D-29, Additional Ambernath M.I.D.C., Anand Nagar, Ambernath - 421 506

Date: 31st May, 2021.

CERTIFICATE

This is to certify that Miss. Soumya Subramaniam was under training period in Vital Neutraceuticals Pvt Ltd.

1. Online Assignment from 25th July, 2020 till 1st September, 2020.
2. In-Plant Training from 26th October, 2020 to 31st December, 2020.

In-Plant training in Quality Assurance/Quality Control Department.

We further state that she is Intelligent, Sincere, Hardworking and Industrious during the tenure of training period.

We wish her good luck in her future pursuits.

Yours truly,

For Vital Neutraceuticals Pvt Ltd

Rashmi Mungekar

(General Manager: Regulatory, R&D & Quality Control)





Date: 31st May, 2021.

CERTIFICATE

This is to certify that Miss. Krishnaveni Hariharan Sanaiyar was under **training** period in Vital Neutraceuticals Pvt Ltd.

3. Online Assignment from 25th July, 2020 till 1st September, 2020.
4. In-Plant Training from 26th October, 2020 to 31st December, 2020.

In-Plant training in Quality Assurance/Quality Control Department.

We further state that she is Intelligent, Sincere, Hardworking and Industrious during the tenure of training period.

We wish her good luck in her future pursuits.

Yours truly,

For Vital Neutraceuticals Pvt Ltd

Rashmi Mungekar

(General Manager: Regulatory, R&D & Quality Control)





SPECTRUM
FOOD SOLUTIONS

THINK INNOVATIVE, THINK SPECTRUM

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

MS.SOWMYA MURALI

has successfully completed her internship with Spectrum Food Solutions as a Sales And Marketing Intern from 25th July 2020 to 24th September, 2020 .

We hope that you had an enriching experience with us!

We wish you every success in your future endeavors!



For SPECTRUM FOOD SOLUTIONS

Prajakta
Proprietor

PRAJAKTA PARAB

CEO & Founder

SIES College of Arts, Science and Commerce (Autonomous)

NPTEL student details 2020-2021

Sr. No.	Name of the student	Courses in which they have enrolled	Student completed the course	Name of the Department
1	MANALI SUDARSHAN PALAV	Bioenergetics of Life Processes -	YES	COE
2	NAIR HARITHA RAMESAN	Bioenergetics of Life Processes -	YES	COE
3	SHREYA RAMAKRISHNAN	Bioenergetics of Life Processes -	YES	COE
4	SONALI JAISWAL	Bioenergetics of Life Processes -	YES	COE
5	Liza Fernandes	Biomedical nanotechnology - NPTEL	YES	COE
6	Mihir Pradhan	Biomedical nanotechnology - NPTEL	YES	COE
7	HARSHAD SUDHAKAR	Body language: Key to professional	YES	COE
8	Adhya Gireesan	Cognition, Transformation and Lives -	YES	COE
9	MIHIKA JAYDEEP LIKHITE	Introduction to probability and Statistics	YES	COE
10	Tanveer	Introduction to probability and Statistics	YES	COE
11	VISHAL SUDARSHAN	Bioengineering : An Interface with	YES	COE
12	MIHIKA JAYDEEP LIKHITE	Descriptive Statistics with R Software -	YES	COE
13	Akshath Sivaprasad Namboodiri	Developing Soft Skills and Personality -	YES	COE
14	Aparna Ganesh Iyer	Developing Soft Skills and Personality -	YES	COE
15	Syed Mahwash Fatima	Developing Soft Skills and Personality -	YES	COE
16	ZEENA M KHAMBATTA	Developing Soft Skills and Personality -	YES	COE
17	MIHIKA JAYDEEP LIKHITE	Introduction to Abstract and Linear	YES	COE
18	Tanveer	Introduction to Abstract and Linear	YES	COE
19	Koodathinal Levina Jose	Introduction to R Software - NPTEL	YES	COE
20	Pranjal shinde	Introduction to R Software - NPTEL	YES	COE
21	SANDHYA MANJU POOJARI	Introduction to R Software - NPTEL	YES	COE
22	Vikas Ganji Shobhanbabu	Introduction to R Software - NPTEL	YES	COE
23	MIHIKA JAYDEEP LIKHITE	Multivariable calculus - NPTEL	YES	COE
24	Tanveer	Multivariable calculus - NPTEL	YES	COE
25	SHUBHAM	Animal Physiology - NPTEL ONLINE	YES	COE
26	Ashwathi Prakash Ambala	Co-Ordination Chemistry (Chemistry	YES	COE
27	AISHWARYA SHREEKANT	Dairy and Food process and products	YES	COE
28	AKSHATA ARUN MITKAR	Dairy and Food process and products	YES	COE
29	ASHMIKA NAGSEN KAMBLE	Dairy and Food process and products	YES	COE
30	Dhanashree Pujari	Dairy and Food process and products	YES	COE
31	Pooja Ramchandra Halankar	Dairy and Food process and products	YES	COE
32	Rithika Gangadhar Shetty	Dairy and Food process and products	YES	COE
33	Ritika Gupta	Dairy and Food process and products	YES	COE
34	SAYALI A JOSHI	Dairy and Food process and products	YES	COE
35	Devansh Rakesh Thakker	Discrete Mathematics - NPTEL	YES	COE
36	AKSHATA ARUN MITKAR	Experimental Biotechnology - NPTEL	YES	COE
37	ASHMIKA NAGSEN KAMBLE	Experimental Biotechnology - NPTEL	YES	COE
38	FATHIMATHUL SIDFA	Experimental Biotechnology - NPTEL	YES	COE
39	Shilpa	Experimental Biotechnology - NPTEL	YES	COE

40	Rhea Prabhu	Feminist Writings - NPTEL ONLINE	YES	COE
41	Dhanisha Mohapatra	Immunology - NPTEL ONLINE	YES	COE
42	Urvi Bhide	International Business - NPTEL	YES	COE
43	Karthik Iyer	Introduction to Classical Mechanics -	YES	COE
44	Rhea Prabhu	Introduction To Japanese Language And	YES	COE
45	Aditya Shinde	Introduction to Western Political	YES	COE
46	Akshata Vijay Patil	Introduction to Western Political	YES	COE
47	Amisha manoj sawant	Introduction to Western Political	YES	COE
48	Ansari Shahida Zia	Introduction to Western Political	YES	COE
49	Arathi C Rao	Introduction to Western Political	YES	COE
50	Ellora Chahande	Introduction to Western Political	YES	COE
51	JULIE FRANCIS MONTHERO	Introduction to Western Political	YES	COE
52	Kirti Dubey	Introduction to Western Political	YES	COE
53	MALAVIKA NAIR	Introduction to Western Political	YES	COE
54	Margaret Augustine Pereira	Introduction to Western Political	YES	COE
55	Maria Ansari	Introduction to Western Political	YES	COE
56	OMKAR YASHWANT	Introduction to Western Political	YES	COE
57	Pujaa Raju Ambator	Introduction to Western Political	YES	COE
58	Radhika Venkataramanan	Introduction to Western Political	YES	COE
59	Rhutuja Sanjay Mazire	Introduction to Western Political	YES	COE
60	Riddhi shah	Introduction to Western Political	YES	COE
61	Rutuja Tawde	Introduction to Western Political	YES	COE
62	Shaikh Bushra Mashooq	Introduction to Western Political	YES	COE
63	Shraddha Anishkumar	Introduction to Western Political	YES	COE
64	Tanya Anand Nair	Introduction to Western Political	YES	COE
65	VAISHNAVI ARUN GUJAR	Introduction to Western Political	YES	COE
66	SUSHMITA SOUNDAR	Managerial Economics - NPTEL	YES	COE
67	Kiran Hulwan	Regression Analysis - NPTEL ONLINE	YES	COE
68	DIKSHA SHIVMANGAL SINGH	Soft skills - NPTEL ONLINE	YES	COE
69	Karnati suraj venkatesh	Soft skills - NPTEL ONLINE	YES	COE
70	Karthik Iyer	Solid State Physics - NPTEL ONLINE	YES	COE
71	Ashitha Krishnadas Nair	The Joy of Computing using Python -	YES	COE
72	Daggula Manav Shankar Shobha	The Joy of Computing using Python -	YES	COE
73	Devansh Rakesh Thakker	The Joy of Computing using Python -	YES	COE
74	Kartik Ranjan	The Joy of Computing using Python -	YES	COE
75	Krish Hemantkumar Desai	The Joy of Computing using Python -	YES	COE
76	Mathew Kevin John	The Joy of Computing using Python -	YES	COE
77	SANJANA	The Joy of Computing using Python -	YES	COE
78	Sheetal Jiji Ambre	The Joy of Computing using Python -	YES	COE
79	TANISHA MAHATA	The Joy of Computing using Python -	YES	COE
80	Udaiyar Vishnu Ganesan	The Joy of Computing using Python -	YES	COE
81	Armaiti D Billimoria	The Popular Gothic Novel - NPTEL	YES	COE
82	Shreya Naik	The Popular Gothic Novel - NPTEL	YES	COE
83	Karthik Iyer	Waves and Oscillations - NPTEL	YES	COE
84	Falak Afreen Badshah Mahmood	Wildlife Ecology - NPTEL ONLINE	YES	COE

85	Felix Sekar	Wildlife Ecology - NPTEL ONLINE	YES	COE
86	Akanksha tupsakhare	Bioengineering: An Interface with Biology	YES	COE
87	Arfat shaikh	Bioengineering: An Interface with Biology	YES	COE
88	Arpita Shivanand Singh	Bioengineering: An Interface with Biology	YES	COE
89	Drishya Udayan	Bioengineering: An Interface with Biology	YES	COE
90	Karishma	Bioengineering: An Interface with Biology	YES	COE
91	lawanya chappidi	Bioengineering: An Interface with Biology	YES	COE
92	Minichae Balasubramanian	Bioengineering: An Interface with Biology	YES	COE
93	Nabeela Quraishi	Bioengineering: An Interface with Biology	YES	COE
94	Nikhil Nayak	Bioengineering: An Interface with Biology	YES	COE
95	Nikita Nair	Bioengineering: An Interface with Biology	YES	COE
96	Pooja Sundaram	Bioengineering: An Interface with Biology	YES	COE
97	PURVA AJAY KHODKE	Bioengineering: An Interface with Biology	YES	COE
98	Rashmita Sahu	Bioengineering: An Interface with Biology	YES	COE
99	saima abdul rahim shaikh	Bioengineering: An Interface with Biology	YES	COE
100	Shaikh Aisha Rashid	Bioengineering: An Interface with Biology	YES	COE
101	Ujwal Vasu Shetty	Bioengineering: An Interface with Biology	YES	COE
102	VALUPURAYIDATHIL ATHIRA	Bioengineering: An Interface with Biology	YES	COE
103	YADAV KRISHNAVENI	Bioengineering: An Interface with Biology	YES	COE
104	Shreya Ramakrishnan	Cell Biology: Cellular organization,	YES	COE
105	Akshaya Gogi	Descriptive Statistics with R Software -	YES	COE
106	Ariba Shaikh	Descriptive Statistics with R Software -	YES	COE
107	Bhushan Sanjay Bangar	Descriptive Statistics with R Software -	YES	COE
108	Ishika Shetty	Descriptive Statistics with R Software -	YES	COE
109	Kasu Arshi Mohammed Iqbal	Descriptive Statistics with R Software -	YES	COE
110	Koodathinal Levina Jose	Descriptive Statistics with R Software -	YES	COE
111	Pranav Sasi Nair	Descriptive Statistics with R Software -	YES	COE
112	SAKHARKAR NUSRAT ADAM	Descriptive Statistics with R Software -	YES	COE
113	Shaikh Saniya E Fatma Mohd	Descriptive Statistics with R Software -	YES	COE
114	Shreya Kalyan Vk	Descriptive Statistics with R Software -	YES	COE
115	Samreen Dias	English Literature of the Romantic Period,	YES	COE
116	Akshath Sivaprasad Namboodiri	Enhancing Soft Skills and Personality -	YES	COE
117	Mohammed Salem Shaikh	Human Behaviour - NPTEL ONLINE	YES	COE
118	Nidhi Prem Rathod	Human Behaviour - NPTEL ONLINE	YES	COE
119	TANISHA MAHATA	Programming, Data Structures And	YES	COE
120	Sarang Vivek Kulkarni	Speaking Effectively - NPTEL ONLINE	YES	COE
121	RUTUJA KRISHNA KHARPE	Supply Chain Analytics - NPTEL ONLINE	YES	COE
122	Adithi Sunilkumar Achari	Human Molecular Genetics - NPTEL	YES	COE
123	Anjum Abdul Sattar Ansari	Human Molecular Genetics - NPTEL	YES	COE
124	Chiliveri Mahesh Venugopal	Human Molecular Genetics - NPTEL	YES	COE
125	Danish Ibrahim Momin	Human Molecular Genetics - NPTEL	YES	COE
126	Ekta Ashok Jaiswal	Human Molecular Genetics - NPTEL	YES	COE
127	Ezhuthachan Vishnu Ashok Kumar	Human Molecular Genetics - NPTEL	YES	COE
128	HARSHA VINAYAK NAIK	Human Molecular Genetics - NPTEL	YES	COE
129	Jatin Jayaram karkera	Human Molecular Genetics - NPTEL	YES	COE

130	KHUSHVI NARESH PUKALE	Human Molecular Genetics - NPTEL	YES	COE
131	KONAR KRITHIKA	Human Molecular Genetics - NPTEL	YES	COE
132	Mahalakshmi Rajasekar	Human Molecular Genetics - NPTEL	YES	COE
133	Meghana Menon	Human Molecular Genetics - NPTEL	YES	COE
134	Minoti Niteen Upasani	Human Molecular Genetics - NPTEL	YES	COE
135	Niev Rajan Nadar	Human Molecular Genetics - NPTEL	YES	COE
136	Purva Tambe	Human Molecular Genetics - NPTEL	YES	COE
137	Rai Pranjal Avadhut	Human Molecular Genetics - NPTEL	YES	COE
138	Rakshanda Vinit Valanju	Human Molecular Genetics - NPTEL	YES	COE
139	Ranjini Srinivasan	Human Molecular Genetics - NPTEL	YES	COE
140	SHAIKH IRAM HASAN	Human Molecular Genetics - NPTEL	YES	COE
141	Shaikh Mubashshera Ashrafi	Human Molecular Genetics - NPTEL	YES	COE
142	Shraddha shashikant Awate	Human Molecular Genetics - NPTEL	YES	COE
143	Shruti Santosh Kamble	Human Molecular Genetics - NPTEL	YES	COE
144	SHRUTI TULSHIRAM BABAR	Human Molecular Genetics - NPTEL	YES	COE
145	SHUBHAM	Human Molecular Genetics - NPTEL	YES	COE
146	Sneha Narayanan	Human Molecular Genetics - NPTEL	YES	COE
147	Tulsi Prabhakar Vangari	Human Molecular Genetics - NPTEL	YES	COE
148	Urvi Raghunath Chavan	Human Molecular Genetics - NPTEL	YES	COE
149	SIDHANT	Organometallic Chemistry - NPTEL	YES	COE
150	PRINCESS ANITHA	Advanced Transition Metal Organometallic	YES	COE
151	PRIYANKA AMRITLAL GAUR	Advanced Transition Metal Organometallic	YES	COE
152	Rhea Prabhu	Basics of language Science - NPTEL	YES	COE
153	Priti Gunga Patil	Data Analytics with Python - NPTEL	YES	COE
154	Celine Rose Sajee	Financial Mathematics - NPTEL ONLINE	YES	COE
155	SUSHMITA SOUNDAR	Financial Statement Analysis and Reporting	YES	COE
156	MERAJ AHMED	Industrial Inorganic Chemistry - NPTEL	YES	COE
157	Kirti Dubey	Intellectual Property - NPTEL ONLINE	YES	COE
158	Shreya Naik	Introduction to Cognitive Psychology -	YES	COE
159	Armaiti D Billimoria	Introduction to World Literature - NPTEL	YES	COE
160	Akanksha Balakrishnan Warriar	Psychology of Stress, Health and Well-	YES	COE
161	Aparna Ganesh Iyer	Psychology of Stress, Health and Well-	YES	COE
162	Nidhi Prem Rathod	Psychology of Stress, Health and Well-	YES	COE
163	Karthik Iyer	Quantum Mechanics I - NPTEL ONLINE	YES	COE



Certificate

This is to certify that **Swaroop Narayanaswami Iyer** has successfully completed and have earned **2 credits** in Semester I for the Training of **NISM Course (Securities Market Module)** held in association with **Financial Planning Academy** jointly by Centre for Excellence for Department of Management Studies, SIES College of Arts, Science & Commerce (Autonomous), Sion West, Mumbai - 400022 from 10/12/2020 to 24/12/2020.

Mr. Vishal Gada
Director, FPA

Ms. Mahalaxmi Nadar
Coordinator, CoE

Dr. Uma Shankar
Principal

**SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (Autonomous)
SION (W), MUMBAI – 400 022.
CENTRE FOR EXCELLENCE– “A Centre to meet your Professional Needs”
Report (2020 – 2021)
siescentreforexcellence@gmail.com [siescoe@groups.facebook.com](https://www.facebook.com/siescoe@groups.facebook.com)**

You Tube Channel Link <https://www.youtube.com/channel/UCOthiiYFVBvIMd5e6LhEmfw>

**NISM Value Added Training Program in association with BMS and Financial Planning Academy
for
BMS Department’s Degree Program BMS in Capital Market w.e.f from 2020 – 2021.**

NISM CERTIFICATION FOR AUTONOMOUS DEGREE PROGRAMME BMS IN CAPITAL MARKET:

Course Objective: Centre for Excellence actively involved itself in framing Autonomous Degree Programme for Department of Management Studies new course **BMS in Capital Market** introduced from the academic year **2020 – 2021**. The exponential growth of the financial sector all over the world has created a necessity to equip skilled professionals with a strong knowledge base in capital markets. *This programme is designed keeping in mind the changes in the practice of business and aims to bridge the gap between the expectations of the industry and academia by including experts like Mr. Kirtan Shah, Mr. Vishal Gada, Mr. Tanuj Poddar from corporate sectors along with Mr. Subramanian Iyer and Centre for Excellence into the Board of Studies (BOS).* The add-on course **NISM SEBI XII, V – A and V – B Certification** with additional credit is been offered with this degree programme to provide hands on training in Capital Market to the students.

MODULE – I in Semester – I

FY Semester I: NISM-SERIES-XII: SECURITIES MARKET FOUNDATION EXAMINATION

Number of Credits: 02

Date of Introduction: 10th December 2020

Date of Completion: 8th January 2021

Duration: 30 Hours

Report:

- NISM-SERIES-XII: **Securities Market Foundation** course, Module – I training was held from 10th December 2020 in Semester – I as a part of Add-On course introduced under BMS in Capital Market Degree Program.
- A total of 53 students participated in the 30 hours course held by Financial Planning Academy.
- All 53 students were evaluated for the course via examination and given projects.

COE VAC Report 2020 – 2021

- Those who qualified the course examination received credit certificate as a mark of course completion.

MODULE – II in Semester – II

FY Semester – II: NISM-SERIES-V-A: MUTUAL FUND DISTRIBUTORS CERTIFICATION EXAMINATION

Number of Credits: 02

Date of Introduction: 10th February 2021

Date of Completion: 7th April 2021

Duration: 30 Hours

Report:

- NISM SERIES V – A **Mutual Fund Distributors** course, Module – II training was held from 10th February 2021 in Semester – I as a part of Add-On course introduced under BMS in Capital Market Degree Program.
- A total of 53 students participated in the 30 hours course held by Financial Planning Academy.
- All 53 students were evaluated for the course via examination and given projects.
- Those who qualified the course examination received credit certificate as a mark of course completion.



**Coordinator, Centre for Excellence
(Ms. Mahalaxmi Nadar)**

**SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Sion West, Mumbai - 400 022.**

CENTRE FOR EXCELLENCE in association with FINANCIAL PLANNING ACADEMY

NISM SERIES – COURSE TRAINING MODULE AND CREDIT DETAILS

(W.E.F ACADEMIC YEAR 2020 – 2021)

Duration: 30 Hours each module (Three module Series) [XII and V-A for FY and V-B for SY]

CREDITS: 2 (each) Credits will be given on completion of Course along with project

Evaluation Pattern: Online Examination and Projects

MODULE – I in Semester – I

FY Semester I: NISM-SERIES-XII: SECURITIES MARKET FOUNDATION EXAMINATION

I: UNDERSTANDING SECURITIES MARKETS AND PERFORMANCE

1. Securities Markets
2. Securities
3. Securities Markets: Structure and Participants
4. Role of Securities Markets
5. Technological advancements in the securities market

II: SECURITIES: TYPES, FEATURES AND CONCEPTS OF ASSET ALLOCATION AND INVESTING

1. Securities available in the securities market
2. Choice between Equity and Debt Financing for Issuers
3. Characteristics and role of equity capital
4. Characteristics and role of Debt securities
5. Choosing between Debt and Equity Investment Avenues
6. Hybrid Instruments
7. Characteristics and role of Commodities as an asset class
8. Derivatives as investments

9. Asset Allocation and Diversification
10. Understanding the factors underlying the investment process
11. Various aspects of investing in Equity
12. Equity Investing Process
13. Various aspects of investing in Debt securities
14. Debt Investing Process

III: PRIMARY MARKETS

1. Primary Market: Definition and Functions
2. Primary Vs Secondary Markets
3. Intermediaries in Primary Market
4. Types of Issues
5. Types of Issuers
6. Types of Investors
7. Regulatory Framework for Primary Markets
8. Types of Public Issue of Equity Shares
9. Pricing a Public Issue of Shares
10. Public Issue Process of equities
11. Prospectus
12. Applying to a Public Issue
13. Listing of Shares
14. Rights Issue of Shares
15. Regulatory requirements for a Public Issue of Debt Securities
16. Public issue process for debt securities
17. Private Placements in Equity and Debt

IV: SECONDARY MARKETS

1. Role and Function of the Secondary Market
2. Types of secondary markets for different securities

COE VAC Report 2020 – 2021

3. Market Structure and Participants
4. Brokers and Client Acquisition
5. Trade Execution
6. Clearing and Settlement of Trades
7. Trading and settlement process from investor's point of view
8. Market Information and Regulation
9. Risk Management Systems
10. Rights, Obligations and Grievance Redressal
11. Secondary market trading and reporting for debt securities

V: MUTUAL FUNDS

1. Meaning and Description of a Mutual Fund
2. Terms and Concepts Related to Mutual Funds
3. Types of Open-ended Mutual Fund Products
4. Types of Closed ended Mutual Fund Schemes
5. Investment approaches – active and passive
6. Processes for Investing in Mutual Funds
7. Systematic Transactions
8. Switches
9. Reading Mutual Fund Information
10. Benefits and Costs of Investing in Mutual Funds
11. Regulation of Mutual Funds
12. Investor Service Standards

VI: DERIVATIVE MARKETS

1. Derivatives
2. Underlying concepts in Derivatives
3. Types of Derivative Products
4. Structure of Derivative Markets

5. Trading and Settlement Process: Equity Futures
6. Risk Management in Derivative Markets
7. Application of Derivatives Products in Risk Management
8. Market Indicators

MODULE – II in Semester – II

FY Semester – II: NISM-SERIES-V-A: MUTUAL FUND DISTRIBUTORS CERTIFICATION EXAMINATION

I. Investment Landscape

1. Understand the parameters of the Indian Economy Describe about Investors and their Financial Goals
2. Understand Savings and Investment
3. Discuss Different Asset Classes
4. Understand the classification of Investment Risks
5. Explain Risk Measure and Management Strategies
6. Understand Behavioral Biases in Investment Decision Making
7. Understand Risk Profiling
8. Explain the Asset Allocation
9. Comparison between the two approaches - Do-it-yourself and Taking Professional Help

II. Concept & Role of a Mutual Fund

1. Explain the concept of mutual fund
2. Understand the classifications of mutual funds
3. Describe the Growth of the mutual fund industry in India

III. Legal Structure of Mutual Funds in India

1. Describe the structure of mutual funds in India
2. Understand the key constituents of a Mutual Funds
3. Understand the organisation structure of Asset Management Company
4. Understand the role and support functions of service providers of mutual funds
5. Explain the Role and Function of AMFI

IV. Legal and Regulatory Framework

1. Describe role of regulators in India
2. Discuss role of Securities and Exchange Board of India
3. Know the Due Diligence process followed by AMCs for distributors of mutual funds

4. Explain Investor Grievance and Redressal standards (Explain about SCORES)
5. Understand AMFI Code of conduct for Intermediaries

V. Scheme Related Information

1. Understanding the Mandatory Documents and their purpose, objective and significance
2. Explain the Non-Mandatory Disclosures

VI. Fund Distribution and Channel Management Practices

1. Explain the role and importance of mutual fund distributors
2. Understand the classification of mutual fund distributors
3. Explain the modes of distribution
4. Understand the Pre-requisites to become Distributor of the Mutual Fund
5. Explain Revenue for a mutual fund distributor
6. Know the Commission Disclosure mandated by SEBI
7. Explain the Due Diligence Process by AMCs for Distributors of Mutual Funds
8. Discuss Nomination facilities to Agents / Distributors and Payment of Commission to Nominee
9. Explain about change of distributor

VII. Net Asset Value, Total Expense Ratio and Pricing of Units

1. Discuss the Fair Valuation Principles
2. Compute net assets of a mutual fund scheme and NAV
3. Explain about Dividends & Distributable Reserves
4. Know about the Concept of Entry and Exit Load and its impact on NAV
5. Know about the Key Accounting and Reporting Requirements applicable to mutual funds
6. Know about the NAV, Total expense ratio and pricing of units for the Segregated Portfolio

VIII. Taxation

1. Understand Applicability of various taxes in respect of mutual funds
2. Understand about Capital gains, Capital gains (Long term & Short term) tax and Indexation.
3. Understand about the Dividend Income and Dividend Income tax
4. Understand the difference between dividend distribution tax and capital gains tax
5. Understand the basics of Setting off Gains and Losses under Income Tax Act
6. Understand about Securities Transaction Tax
7. Understand about Tax benefit under Section 80C of the Income Tax Act for investment pertaining to mutual funds
8. Understand about Tax Deducted at Source (TDS) in mutual funds

9. Understand Applicability of GST in mutual funds

IX. Investor Services

1. Describe the NFO Process
2. Explain about the New Fund Offer Price /On-going price for subscription
3. Discuss Different types of investment plans and options
4. Explain how the mutual fund units are allotted to the investor
5. Describe the content and periodicity of Statement of Accounts for investments
6. Describe different types of Mutual Fund Investors
7. Explain how to fill in the application form for mutual funds
8. Describe the financial transactions with mutual funds (Purchase, Redemption and Switches)
9. Explain Cut-off time and Time Stamping
10. Describe the KYC requirement for mutual fund investors
11. Explain the different types of systematic transactions
12. Explain operational aspects of systematic transactions
13. Explain Non – Financial Transactions in Mutual Funds
14. Discuss change in Status of Special Investor Categories
15. Explain Investor Transactions – turnaround times

X. Risk, Return and Performance of funds

1. Understand the General and Specific Risk Factors
2. Explain the Factors that affect mutual fund performance
3. Describe Drivers of Returns and Risk in mutual fund Scheme
4. Understand the Measures of Returns
5. Know about the SEBI norms regarding representation of returns by mutual funds in India
6. Explain risks in fund investing with a focus on investors
7. Understand the Measures of Risk
8. Explain certain provisions with respect to Credit risk

XI. Mutual Fund Scheme Performance

1. Explain the concept of Benchmarks
2. Compare Price Return Index and Total Return Index
3. Identify the Basis of choosing an appropriate performance benchmark

4. Describe the use of market benchmarks to evaluate Equity Fund Performance
5. Describe the use of market benchmarks to evaluate Debt Fund Performance
6. Describe the use of market benchmarks to evaluate Other Schemes
7. Explain Quantitative Measures of Fund Manager Performance
8. Define Tracking Error
9. Understand the different Sources for disclosure of scheme performance (Scheme documents, AMFI and AMC website and Fund Fact Sheet)

XII. Mutual Fund Scheme Selection

1. Explain Scheme Selection based on Investor needs, preferences and risk-profile
2. Explain Risk Levels in mutual fund schemes
3. Explain Scheme Selection based on investment strategy of mutual funds
4. Explain Selection of Mutual Fund scheme offered by different AMCs or within the scheme category
5. Know about selecting options in mutual fund schemes
6. Know about Do's and Don'ts while selecting mutual fund schemes



Coordinator, Centre for Excellence
(Ms. Mahalaxmi Nadar)

SIES COLLEGE OF ARTS - Coursera for Campus Response Program Launch - 06/11/2020

Coursera for Campus <coursera-for-campus@coursera.org>
Thu 11-06-2020 02:44 PM

Hi Mahalaxmi Nadar,

Our mission is to transform lives through learning, and we want to help your students by offering courses online to minimize the impact of the coronavirus on their education. We're excited to let you know that your Coursera for Campus program for your learners is ready and is officially launching today 06/11/2020. You can access your new program(s) [here](#).

The following individual has been provided organization administrator access. They can add additional administrators on your Coursera portal.

- Mahalaxmi Nadar at mahalaxmin@sies.edu.in

Shortly, you will receive a separate email inviting you to take a short course on our platform that provides you an overview of all the features of your Coursera for Campus portal. Here you can review the program as well as your dashboard settings, and start adding learners from your campus by inviting your learners from the [invitation tab within your program](#). To allow anyone in your organization to join your program with one click, you can also [whitelist your organization's email domain](#).

Please find attached the following:

- Admin Walkthrough: A deck and [recorded training](#) which explains all the Admin features of the platform. Also, please refer to our [Administrator Help Center](#) which is a great resource as well.

- **Learner Experience:** A deck which explains the learner features. Also, please refer to our [Learner Help Center](#) and please do direct the learners to it as well.
- **[Student Awareness Kit:](#)** A tool kit of materials that you can use to engage your learners to start learning on Coursera.
- Both the Admins and Learners have 24x7 chat support from our support staff available on the respective help center.
- Admins can reach out to our support team by completing this [form](#). We have a tiered support structure in place where issues/queries can be escalated as needed.
- [Qwiklabs FAQ](#) for any learner questions around accessing labs via GCP Coursera courses.

Thank you,

Coursera for Campus Team

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Website Link:

SIES COLLEGE OF Arts, Science & Commerce, Sion West on Coursera

<https://www.coursera.org/programs/sies-college-of-arts-on-coursera-sfiam>



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