

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Department of Chemistry

To,
The principal,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati

Activity under MOU

Completion Report of Certificate Course in Instrumental Methods of Chemical Analysis

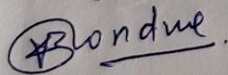
The department of chemistry has MOU with Atal Incubation Centre, Agriculture development trust (AIC, ADT), Baramati. Under this MOU, the department of chemistry has designed a skill-based certificate Course in instrumental methods of chemical analysis. As per the requirement of students, we have conducted this course from 1/10/2022 to 10/10/2022 under MOU with Atal Incubation Centre, Agriculture development trust (AIC, ADT), Baramati.

Total 127 Students were enrolled for the course. As the no. of students was too large, we have divided all the students into 4 batches of 30 students each. All the batch wise lectures as well as practical were conducted during the period using online & practical's via offline mode as per schedule defined. Dr. Bhondwe R.S., Mrs. Surnavar K.H., Ms. Pirale G.D., Ms. Nale S.P., Dr. Dige N. C., Ms. Bhunje G.S. were successfully conducted all the lectures and practical of the course. As a pattern of the course more focus was given on practical exposures rather than theoretical aspects. Students got benefitted with practical knowledge and exposure which is required of in the field of analysis.

So, I request you to award 2 Credits to all students who successfully completed this Course.

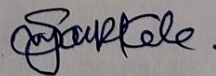
Thank You,

With Regards,



Dr. Bhondwe R.S.

Course In-charge



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made between the

**Incubation Centre-Agricultural Development
Trust Baramati Foundation,
Baramati, Pune 413115.**

And

**Department of Chemistry,
Ram Chaturchand College of Arts, Science and
Commerce, Baramati, Dist. Pune (Autonomous)**

तु.च.कॉलेज, बारामती
आवक नंबर: Gen 263
दिनांक: 18 OCT 2022

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made between the

Atal Incubation Centre-Agricultural Development Trust Baramati Foundation,
Baramati, Pune 413115.

AIC-ADT is an Incubation Centre supported by Atal Innovation Mission, NITI Aayog, and Government of India. The objective of the AIC-ADT is to create high class incubation facilities with suitable physical infrastructure in terms of capital equipment and operating facilities, coupled with the availability of sectorial experts for mentoring the start-ups so that innovators and start-up businesses can become successful entrepreneurs and enterprises.

-----Herein after referred as AIC-ADT

And++

Department of Chemistry,
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Dist. Pune
(Autonomous)

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Dist. Pune is one of the leading and prestigious colleges in Maharashtra established in 1962. Our motto 'We for students' is at the heart of everything we do at the college. The college celebrated its Golden Jubilee in 2012. Keeping space with modern trends in higher education, the college has full-fledged UG courses in Arts, Science and Commerce along with PG courses almost in all subjects of different streams as well as Ph.D. research centers. Beside traditional courses we seek to develop and introduce need based, value added, skill based and carrier oriented new courses. However, the College has been re-accredited for the third cycle with 'A+' grade (CGPA 3.55) by NAAC, Bangalore in 2017. It has been awarded the status of 'College with Potential for Excellence' by UGC, and has been selected for STAR College scheme by DBT and DST-FIST scheme by DST, New Delhi. The college has received several awards from Savitribai Phule Pune University, Pune including Best College Award, Best Principal Award, Best Student Welfare Officer Award, Best NSS Coordinator Award, Best NSS Unit Award, Best NSS Volunteer Award and also the recipient of awards from the Maharashtra Government. The Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati is established in the College in 1962, which offers Bachelor degree in Chemistry as well as Master degrees in Inorganic Chemistry, Organic Chemistry and Analytical Chemistry. Department of Chemistry strives to strengthen its academics through teaching-learning, research and extension activities. It is an active center for higher education and research that does always welcome collaboration with academic as well as Research Laboratories, Industrial and Scientific Enterprises of National and International stature. The Program involved in this MoU is actively engaged in various teaching-learning and research practices in various discipline of Chemistry domain.

-----Herein after referred as T. C. College

It is mutually agreed between AIC-ADT and T. C. College that,

From AIC-ADT to T. C. College

This MoU is to bridge the gap between the industry and the academia and enrich young talent pool from T. C. College by enhancing their technical competencies to match the industry requirements.

1. Providing projects and guidance to students on projects related to real life problems of farmers in India and abroad.

2. Support in kind of Laboratory, working space for Experimentation and Research on least charges as prescribed by AIC-ADT on case-to-case basis.
3. Mentoring and training for faculties and students with minimal charges.
4. Involvement of interested students and faculties of T. C. College in various activities of Incubation center conducted across India and abroad.
5. Special Tailor-made Programme offered by or through AIC-ADT to the students or faculties of T. C. College on minimal charges being paid to or through AIC-ADT.
6. Providing internship opportunities to selected students and alumni of T. C. College within AIC-ADT or AIC-ADT's partner companies/institutions as per availability.
7. Offering paid Capacity building Trainings to T. C. College faculties as per need.
8. Research activity with department of chemistry through CIAR.

From T. C. College to AIC-ADT

1. Logistic and infrastructure arrangements for all the activities conducted by AIC-ADT, Baramati, at T. C. College premises for their Students and Faculties.
2. Provide support in the fields of Science and Technology conceived to research and innovations done by AIC-ADT or its incubatees /partners as and when needed in the form of knowledge.
3. To promote AIC-ADT on institutional and non-institutional platforms related to Research and Innovations in chemistry through CIAR.

Financial Support

1. There will be not any financial burden involved for both the parties.
2. Individual or group of students and on faculty willing to get incubated in AIC-ADT will be liable to pay the service charges to AIC-ADT as per the Incubation Agreement of AIC-ADT signed by that particular individual or group of students and / or faculty during the time of admittance in AIC-ADT.
3. Every party involved is liable to pay all the outstanding bills/amount to the other party in case of end or breach of the contract prior to the final end or breach of this contract.
4. All the fees, expenses and charges mentioned above will be decided on case-to-case basis and agreed mutually by both the parties.

Tenure and Contract:

1. This contract is valid for 3 Years from the effective date of MOU.
2. Any party can breach this contract with a prior notice of 1(one) month to the other party.

[This Space has been purposefully left blank]

[Handwritten signature]

[Handwritten signature]

application is va
the above
by the competen
the scholarship
sible for taking
arship / educati
ave linked to th
ents are valid an
correction /
ey are not false
nd I am fully

Effective Date of the MoU

This MoU shall be effective from date it is executed by or on behalf of the above parties.

For and on behalf of
Atal Incubation Centre at Agriculture Development Trust,
Baramati (AIC-ADT Baramati Foundation)

In presence of

Signature-

Name- Ms. Jaya Tiwari



Signature-

Name- Ms. Sonali Saste

Designation- CEO
Date- 18/10/2022

Date - 18/10/2022

Designation- Incubation Manager
Incubation Manager
AIC-ADT, Baramati Foundation
Shirdanagar, Baramati, Dist. Pune.

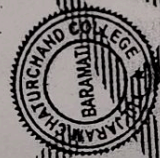
For and on behalf of
Department of chemistry, Tuljaram Chaturchand College of Arts, Science & Commerce,
Baramati, (Autonomous) Pune, 412204.

In presence of

Signature-

Name-
Dr. Sanjay R. Kale

Name-



Signature-

Dr. Chandrashekhar V. Murumkar

Designation- Head,
Department of chemistry
Date- 18/10/2022

Date- 18/10/2022

Designation- Principal

PRINCIPAL
Tuljaram Chaturchand College
Baramati - 413102 (Dist. Pune)

Witness

1. Dr. Bhondave R. S.
2. Dr. Yogesh N. Indulkar
3. Dr. Nilam C. Dige

Department of chemistry

27/09/2022

To
The Principal
T.C. College, Baramati

Subject. Regarding certificate course (2 credits) for PG-II chemistry students.

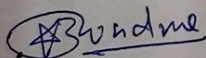
Respected Sir,

We are planning to conduct a certificate course on "Instrumental methods for chemical analysis" from 01/10/22 to 10/10/22 for PG-II chemistry students.

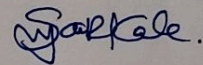
There will be offline practicals & online lectures for all the participants. The practicals will be conducted in CFC on GC, FTIR and HPLC instruments.

Please allow us to conduct the above said Certificate course.

Yours faithfully.



PG coordinator
Dr. Bhondwe R.S.



Head
Dr. Kale S.R.

Allowed
Please
27/9/2022
Reserve
Time table

Anekant Education society's
Tuljaram Chaturchand College, Baramati (Dist.) Pune
(Autonomous)
DEPARTMENT OF CHEMISTRY
M.Sc. II Semester III 2022- 2023

Certificate Course

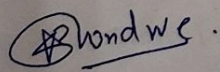
CCAUG22: Instrumental methods for chemical analysis

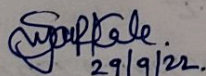
This is to inform all the students, those who have enrolled for the certificate course in CCAUG22: Instrumental methods for chemical analysis that lectures and practicals are scheduled from 1/10/2022 to 10/10/2022. Theory lectures will be conducted by online mode and practical in offline mode at chemistry lab and CFC. Link of WhatsApp group <https://chat.whatsapp.com/D7sm4MHLTQY24QqrqvRLEL>
The Time table is given below

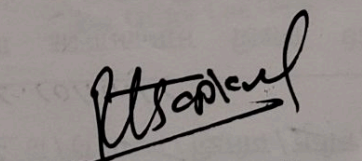
Time-Table

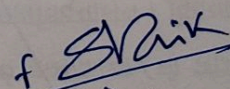
	Saturday 01/10/2022	Tuesday 04/10/2022	Thursday 06/10/2022	Friday 07/10/2022	Saturday 08/10/2022	Monday 10/10/2022
12:00 to 1:00 noon	GC KMR	IR RSB	GC KMR	GC KMR	HPLC GDP	IR RSB
1:00 to2:00 noon	HPLC GDP	GC KMR	HPLC GDP	IR RSB	IR RSB	HPLC GDP
Practical						
9:00 am onwards	GC I1-I3	GC A1-A3	HPLC A1-A3	GC O1-O3		FTIR I1
	HPLC I1-I3	FTIR A1-A3	HPLC A1-A3	FTIR O1-O3		FTIR I2
			HPLC A1-A3	HPLC O1-O3		FTIR I3

Lecture 12Hr+ Practical 18 Hr =30 Hr


PG Coordinator


29/9/22.
Head


Certificate course coordinator


Principal

Confirmation of insertion / linking of Aadhaar number with Bank Account:

Axis Bank Acc No.: 918010091374045

ANEKANT EDUCATION SOCIETY'S
TULJARAM CHATURCHAND ARTS, SCIENCE & COMMERCE COLLEGE,

BARAMATI (PUNE)

GRANT BASIS: SR / PG
NON-GRANT BASIS: SR / PG

BILL FOR MONTH:

- Name of the Teacher: Dr. Bhondwe R.S.
- Subject: Certificate Course- CC-34: Instrumental methods of chemical analysis.
- Total Workload (Per Week)
Senior College Periods:
- Bill Claimed for Theory 12 Period @ Rs.-----Per period.
- Bill Claimed for Practical 18 Period @ Rs.-----Per practical.
- Total amount of the bill Rs. 19,500/-
(In Words Rs. Nineteen thousand five hundred.)

I hereby certify that; I have taken all the periods shown in this monthly report statement (Attach the Statement)

Verified & Found Correct

[Signature]

(Signature of the Head of the Dept.)

[Signature]

(Signature of the Teacher)

VICE PRINCIPAL'S REMARK

Verified I am satisfied with the record submitted by the Teacher. This bill is payable as per total workload in the Department. Bill Passed for payment.

*44440443
Verified
Bhondwe R.S.
15/11/22*

Vice Principal/In Charge
Tuljaram Chaturchand College,
Baramati

Sanctioned, Pay
Principal
Tuljaram Chaturchand College,
Baramati

For Office Use Only

Payment Remarks:

Paid in Cash / Transfer

Cheque No. _____ dated _____

Paysheet Page No: _____

Clerk
Account Section

O.S. / Registrar
Tuljaram Chaturchand College,
Baramati

ekant Education Society's
 College of Arts, Science and Commerce, Baramati
 (Autonomous)

Institute Code No :	0032	Subject Code : CCAug22
Exam Center No :	016	Subject : Certificate course Instrumental methods of chemical analysis
		Exam Name : OCT/NOV 2022
		Sem : III
Class :	M.Sc.(Org. Chem)-II	Examiner :

Final Mark List [For A.Y 2022-23]

Roll No	PRN	Student Name	Marks/Grade/Ab	Remark
16142	13213216061	MULANI ARSHAD SHAMSHUDDIN	42	
16141	13213216062	KAPARE RANJIT RAVINDRA	36	
16146	13213216063	SHINDE RAHUL MAHAVIR	33	
16152	13213216064	AWALE RITESH NAVNATH	39	
16153	13213216065	JAGTAP KOUSTUBH AMOL	41	
16155	13213216066	PAWAR KEDAR GHANSHAM	41	
16148	13213216067	DUBAL VARSHA ANIL	38	
16181	13213216068	SAWALWADE ABHISHEK ABHAY	44	
16186	13213216070	MASAL GAURI VIKAS	41	
16182	13213216071	UTALE TEJASWINI SURESH	36	
16149	13213216072	ZARGAD VAIBHAV VIJAY	40	
16187	13213216073	SANGAWAR PRANALI SUNIL	38	
16160	13213216074	PAWAR PURUSHOTTAM TANAJI	39	
16185	13213216075	SAYYAD NOORJHA GAPHUR	41	
16193	13213216076	SHENDKAR PRATHAMESH JALINDAR	39	
16188	13213216079	ARKAS MANJUSHA NAVANATH	37	
16162	13213216081	SONAWANE Sampada Prasad	32	
16161	13213216082	CHAVAN HARSHADA BHASKAR	37	
16183	13213216083	PANDHARI PALLAVI PRADIP	33	
16144	13213216101	METAKARI AKANKSHA DNYANDEO	29	
16150	13213216102	KALE VARSHA KHANDU	34	
16164	13213216103	DESHMANE VAISHNAVI VIVEK	37	
16184	13213216105	FUGARE NISHA GORAKH	38	
16154	13213216106	ZINJURATE KIRAN PRAKASH	40	
16195	13213216107	LONKAR DIPTI DILIP	33	
16158	13213216108	PAWAR KETAN NANASAHEB	40	
16157	13213216109	BALLAL DHANANJAY DATTATRAY	40	
16194	13213216110	KASHID SHWETA NARSING	35	
16197	13213216113	SHINDE PRATIK KIRAN	40	
16196	13213216116	KHATAVKAR PRATIKSHA RAJENDRA	38	
16143	13213216117	KATE PRANALI VIJAY	34	
16190	13213216118	NARALE SACHIN HANUMANT	43	
16147	13213216119	KANADE NIKHIL VILAS	42	
16192	13213216120	WALKE SANJIVANI KALYAN	26	
16199	13213216121	SHAIKH AMAN SHARIF	33	
16156	13213216122	LIGADE RAHUL BALASO	41	
16198	13213216123	PISE ANIL BALU	36	
16189	13213216124	SODMISE MAYURI BAPURAO	30	
16191	13213216125	SATAV SATYAM SANDIP	41	

16151	13213216126	ATOLE KOMAL TUKARAM	35
16201	13213216128	NAVALE SAURABH SATISH	42
16159	13213216129	JAGTAP CHAITRALI ANIL	36
16163	13213216131	KALE GANESH SURESH	35
16145	13213216385	GANDHI PARIN BAHUBALI	39

ant Education Society's
ge of Arts, Science and Commerce, Baramati
(Autonomous)

Institute Code No :	0032	Subject Code: CCAug 22
Exam Center No :	016	Subject : Certificate Course - Instrumental Analysis
		Exam Name : OCT/NOV 2022
		Sem : III
Class :	M.Sc.(Inorg. Chem)	Examiner :

Final Mark List [For A.Y 2022-23]

Roll No	Seat No	PRN	Student Name	Marks/Grade/Ab	Remark
16319		13213216112	JAWALE RUPALI JIVAN	26	
16324		13213216223	SHINDE VAISHNAVI CHANDRAKANT	34	
16341		13213216224	RAKATE AJIT SUDHIR	25	
16303		13213216225	PURI NAYAN BABASAHEB	36	
16316		13213216226	BHOITE KOMAL NARAYAN	30	
16352		13213216227	JADHAV MONALI VITTHAL	29	
16305		13213216228	PISAL PRITI BHARAT	29	
16323		13213216230	HAKA ANKITA MAHADEV	27	
16321		13213216232	KOKARE SHANI ANANDRAO	34	
16322		13213216233	NANAWARE MAYURI NARAYAN	31	
16354		13213216235	INGAWALE SHITAL KANTILAL	28	
16302		13213216236	SHAIKH SHAYARA RASHID	27	
16314		13213216237	ARJUN BHAGYASHREE DADA	38	
16317		13213216241	MORE PRERANA JOTIRAM	34	
16311		13213216242	TEMBARE MONALI VIJAY	34	
16304		13213216243	NANAVARE ANUP JOTIRAM	25	
16308		13213216244	SOMVANSHI RUTIKA RAJENDRA	34	
16345		13213216245	GAWADE DINESH POPAT	33	
16350		13213216247	PATIL MONALI BHIMRAO	28	
16306		13213216261	PAWAR SHRUTIKA SATISH	35	
16315		13213216263	PATMAS SALONI AMAR	39	
16353		13213216264	JADHAV SHRUTIKA DNYANESHWAR	29	
16320		13213216265	KALE DAMINI DIGAMBAR	28	
16312		13213216266	GHANWAT AMRUTA MAHENDRA	33	
16309		13213216267	PAWAR SAKSHI SANJAY	29	
16347		13213216268	SHINDE SNEHAL BHAGWAN	27	
16355		13213216269	KHARAT SMITA SUNIL	28	
16346		13213216270	SAWANT KALYANI KISAN	32	
16310		13213216271	KADAM SHEFALI MADHUKAR	30	
16344		13213216272	GHADGE NIKITA PRADIP	29	
16343		13213216273	ATOLE SAHIL DATTATRAYA	34	
16349		13213216274	GHATGE AKHIL PRAKASH	27	
16342		13213216275	ATOLE NIKHIL NAMDEV	34	
16356		13213216276	PUJARI VAISHNAVI DHANANJAY	38	
16307		13213216278	SHELAR SONALI RAJENDRA	30	
16318		13213216279	GOLE SHIVANJALI SHANKAR	29	
16348		13213216282	NIMBALKAR MOHINI SUNIL	34	
16301		13213216283	SHETE SONAL KASHINATH	29	
16313		13213216284	DHAWADE RAHUL MACHHINDRA	32	
16351		13213216286	KHARAT ATUL SUKHADEV	30	

Ant Education Society's
College of Arts, Science and Commerce, Baramati
(Autonomous)

Institute Code No :	0032	Subject Code : CCAug22
Exam Center No :	016	Subject : Certificate course-Instrumental analysis
		Exam Name : OCT/NOV 2022
		Sem : III
Class : M.Sc.(Any. Chem)		Examiner :

CG034 -43 Student

Final Mark List [For A.Y 2022-23]

Roll No	Seat No	PRN	Student Name	Marks/Grade/Ab	Remark
16519		13213216381	TAMBOLE MUSKAN FARUK	37	
16484		13213216382	KHARBADE NEHA VISHAL	33	
16479		13213216383	MANDHARE AAKASH ANIL	35	
16478		13213216384	PHADATARE KULDIP SHIVAJI	33	
16508		13213216386	CHOUGULE AKSHAY PAYGOUNDA	36	
16509		13213216387	PATIL ABHINANDAN NEMGONDA	38	
16507		13213216388	PATIL SAMMED RAJGONDA	37	
16461		13213216389	JAGTAP ANIKET BALASO	35	
16470		13213216390	MARKAD AKSHAY MAHADEV	37	
16505		13213216391	PHARANDE PRACHI KANTILAL	33	
16477		13213216392	KSHIRSAGAR SURAJ SUNIL	32	
16462		13213216393	SIRSAT TEJASVI BHANUDAS	33	
16502		13213216394	HULAGE SAYALI SANJAY	37	
16506		13213216395	JADHAV AKANKSHA SURESH	36	
16466		13213216397	THORAT PRATIKSHA RAJENDRA	42	
16481		13213216398	PORE SAGAR PANDURANG	39	
16516		13213216399	MULIK SHRADDHA SOMNATH	31	
16473		13213216400	SALUNKE AKSHADA SURESH	36	
16501		13213216401	CHAVAN MONALI PRAKASH	35	
16476		13213216402	GADADARE ROHIT SHAMRAO	30	
16511		13213216403	SHINDE CHAITANYA DILIP	29	
16467		13213216404	MORE AKASH NAVNATH	39	
16471		13213216423	GAIKWAD SONALI BAPURAO	37	
16474		13213216424	LATKAR AKSHADA DNYANESHWAR	33	
16517		13213216425	GURAV GAURI DEVIDAS	31	
16515		13213216426	PANASKAR MAYURI RAMESH	34	
16468		13213216427	BHOITE POOJA SANJAY	39	
16465		13213216428	RUPANAWAR NEHA GANAPAT	37	
16480		13213216429	KADAM PRAVIN MAHADEV	37	
16463		13213216430	LOKHANDE CHAITRALI HANUMANT	35	
16464		13213216431	DHUMAL SHRUTI SURYAKANT	36	
16482		13213216432	ATOLE VISHAL VIJAYKUMAR	36	
16483		13213216433	GAIKWAD PUNIT MAHADEV	34	
16469		13213216434	KOLEKAR KISHOR RAMESH	35	
16472		13213216436	TEKAWADE BHAGYASHREE SAMPAT	35	
16512		13213216437	LONDHE NIRAJ SUBHASH	30	
16475		13213216438	GHADGE PRANITA DATTATRAY	35	
16518		13213216441	PHATE RUSHIKESH LALASO	37	
16504		13213216442	SONAWANE PRASHALI PRAMOD	36	
16510		13213216443	JAGTAP BHAGYASHRI RAMDAS	32	
16503		13213216444	BHOSALE ADITI GOPAL	34	
16513		13213216445	BELE ROHAN MAHAVEER	35	
16514		13213216446	BIRNALE SANKET SURESH	35	

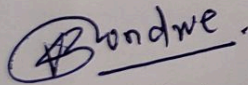
To,
The Principal,
Tuljaram Chaturchand College,
Baramati

Subject: - Completion report of Certificate Course in instrumental methods for chemical analysis (CCAug22)

Respected Sir,

As mention above the subject, I have successfully conducted certificate course in instrumental methods for chemical analysis. Total 127 students were enrolled for this course. This course was completed in the month of October 2022. we had successfully completed Certificate course in instrumental methods for chemical analysis via offline mode 12 Hrs Theory and 18 Hrs Practical sessions were conducted to complete the certificate course. Offline MCQ exam was conducted on 13/10/2022 to evaluate the students. I hereby attach result of the students along with this report. I also request you to sanction remuneration for this course as a course coordinator.

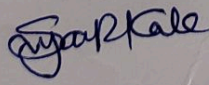
Thank you.


Course Coordinator

Faculty Coordinator

Chairman, Certificate Course

Principal



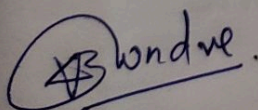
organic

B1

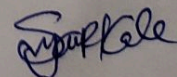
Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

10	Roll No	PRN	Student Name	FT-IR			FT-IR		
				Theory			Practical		
				07/10/22	07/10/22	08/10/22	07/10/22	07/10/22	07/10/22
	16141	13213216062	Kapare Rajit Ramindra	Present	Present	Present	Present	Present	Present
	16142	13213216061	Mulani Arshad Shamsuddin	Absent	Absent	Absent	Absent	Absent	Absent
	16147	13213216119	Kanade Nikhil Nilas	Absent	Absent	Absent	Absent	Absent	Absent
	16149	13213216072	Zargad Vaibhav Vijay	Absent	Absent	Absent	Absent	Absent	Absent
	16146	13213216063	Shinde Rahul Mahavir	Absent	Absent	Absent	Absent	Absent	Absent
	16193	13213216076	Shendhar Prathamesh	Absent	Absent	Absent	Absent	Absent	Absent
	16191	13213216125	Satav Satyam Sanclip	Absent	Absent	Absent	Absent	Absent	Absent
	16196	13213216116	Khatavkar P. Pratiksha R.	Absent	Absent	Absent	Absent	Absent	Absent
	16192	13213216120	Walke Sanjivani. K	Absent	Absent	Absent	Absent	Absent	Absent
	16151	13213216126	Atole Kamal Tukaram	Absent	Absent	Absent	Absent	Absent	Absent
	16143	13213216117	Kate Pranali vijay	Absent	Absent	Absent	Absent	Absent	Absent
	16150	13213216102	Kale Varsha Khandu	Absent	Absent	Absent	Absent	Absent	Absent
	16148	13213216067	Dubal Varsha Anil	Absent	Absent	Absent	Absent	Absent	Absent
	16145	13213216385	Gandhi Pavin Bahubali	Absent	Absent	Absent	Absent	Absent	Absent
	16144	13213216101	Metakani Akanksha D	Absent	Absent	Absent	Absent	Absent	Absent



Signature of the Course Coordinator



HOD

organic
B1

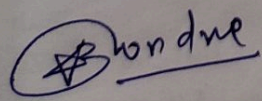
Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

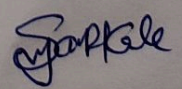
HPLC

HPLC

Sr.no	Roll No	PRN	Student Name	Theory			Practical		
				01/10/22	06/10/22	08/10/22	10/10/22	07/10/22	07/10/22
1)	16141	13213216062	Kapote Ranjit Ranindra	Present	Present	Present	Present	Present	Present
2)	16142	13213216061	Mulani Arshad Shamshuddin	Absent	Absent	Absent	Absent	Absent	Absent
3)	16147	13213216119	Kanade Nikhil Vilas	Absent	Absent	Absent	Absent	Absent	Absent
4)	16149	13213216072	Zargad Vaidhyanand Vijay	Absent	Absent	Absent	Absent	Absent	Absent
5)	16146	13213216063	Shinde Rahul Mahavir	Absent	Absent	Absent	Absent	Absent	Absent
6)	16191	13213216125	Satav Satyam Sandip	Absent	Absent	Absent	Absent	Absent	Absent
7)	16193	13213216076	Shendkar Prathamesh	Absent	Absent	Absent	Absent	Absent	Absent
8)	16196	13213216116	Khatavkar Pratikshar	Absent	Absent	Absent	Absent	Absent	Absent
9)	16192	13213216120	Walke Sanjivani . K	Absent	Absent	Absent	Absent	Absent	Absent
10)	16151	13213216126	Atale Komal Tukaram	Absent	Absent	Absent	Absent	Absent	Absent
11)	16143	13213216117	Kate Pranali Vijay	Absent	Absent	Absent	Absent	Absent	Absent
12)	16150	13213216102	Kale Varsha Khandu	Absent	Absent	Absent	Absent	Absent	Absent
13)	16145	13213216385	Gandhi Parin Bahubali	Absent	Absent	Absent	Absent	Absent	Absent
14)	16148	13213216067	Dubal Varsha Anil	Absent	Absent	Absent	Absent	Absent	Absent
15)	16144	13213216101	Metakari Akanksha D.	Absent	Absent	Absent	Absent	Absent	Absent



Signature of the Course Coordinator



HOD

Organic

B₁

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

G.C

G.C

no	Roll No	PRN	Student Name	Theory			Practical		
				01/10/22	02/10/22	03/10/22	04/10/22	05/10/22	07/10/22
	16141	13213216062	Kapare Ranjiri Ramesh	Ranjiri	Ranjiri	Ranjiri	Ranjiri	Ranjiri	Ranjiri
	16142	13213216061	Mulani Arshad shamshuddin	Arshad	Arshad	Arshad	Arshad	Arshad	Arshad
	16147	13213216119	Kanade Nikhil Vilas	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
	16149	13213216072	Zargad Vaubhav Vijay	Vaubhav	Vaubhav	Vaubhav	Vaubhav	Vaubhav	Vaubhav
	16146	13213216063	Shinde Rahul Mahavir	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
	16191	13213216125	Satar Satyam Sandip	Satya	Satya	Satya	Satya	Satya	Satya
	16193	13213216095	Shendhar Prathamesh	Prath	Prath	Prath	Prath	Prath	Prath
	16196	13213216116	Ichatankar Pratishkar	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik
	16192	13213216120	Walke Sanjayani K	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
	16151	13213216126	Atale Komal Tukaram	Komal	Komal	Komal	Komal	Komal	Komal
	16143	13213216117	Kate pranali vijay	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
	16150	13213216102	Kale Varsha Khanda	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
	16145	13213216385	Grandhi Parin Bahubali	P.Grandhi	P.Grandhi	P.Grandhi	P.Grandhi	P.Grandhi	P.Grandhi
	16148	13213216067	Dabal Varsha Anil	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
	16144	13213216101	Metakani Akanksha D	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha

Bondne

Signature of the Course Coordinator

Surkale

HOD

organic

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

HPLC

no	Roll No	PRN	Student Name	Theory			Practical		
				Date	Date	Date	Date	Date	Date
				01/10/22	6/10/22	8/10/22	10/10/22	07/10/22	07/10/22
	16197	13213216113	Ghibde pratik Kiran	Present	Present	Present	Present	Present	Present
	16160	13213216074	Pawar Purushottam T	Present	Present	Present	Present	Present	Present
	16154	13213216106	Zuinjurate Kiran P.	Present	Present	Present	Present	Present	Present
	16198	13213216123	Pise Anil Balu	Present	Present	Present	Present	Present	Present
	16158	13213216108	pawar ketan Nagesheb	Present	Present	Present	Present	Present	Present
	16152	13213216064	Awale Ritesh Naunathy	R.N.A.	R.N.A.	R.N.A.	R.N.A.	R.N.A.	R.N.A.
	16162	13213216081	Sonawane Scampada Prasad	Present	Present	Present	Present	Present	Present
	16161	13213216082	Chouhan Harsharda Shekhar	Present	Present	Present	Present	Present	Present
	16195	13213216107	Lomkar Dipti Dilip	Present	Present	Present	Present	Present	Present
	16159	13213216129	Jagtap Chaitali Anil	Present	Present	Present	Present	Present	Present
	16194	13213216110	Kashid Shweta Narsing	Present	Present	Present	Present	Present	Present
	16153	13213216065	Jagtap Kous tubh Amol.	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap
	16157	13213216109	Balaji Dhananjay D.	Present	Present	Present	Present	Present	Present
	16155	13213216066	pawar Kedar C.	Present	Present	Present	Present	Present	Present
	16156	13213216156	Ligade Rahul Balaso	Present	Present	Present	Present	Present	Present

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

G.C

Roll No	PRN	Student Name	Theory			Practical		
			3/10/22	4/10/22	6/10/22	7/10/22	07/10/22	07/10/22
16195	13213216107	Lonkar Dipti Dilip	Blank	Blank	Blank	Blank	Blank	Blank
16159	13213216129	Jagtap chaiteali Anil	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap
16194	13213216110	Kashid shweta Narsing	Blank	Blank	Blank	Blank	Blank	Blank
16162	13213216081	Sonawane Sampada Prasad	Blank	Blank	Blank	Blank	Blank	Blank
16161	13213216082	Chavan Harshada Bhaskar	Blank	Blank	Blank	Blank	Blank	Blank
16160	13213216074	Pawar Purushottam. Tanaj	Blank	Blank	Blank	Blank	Blank	Blank
16158	13213216108	pawar kejon Nanajabeb	Blank	Blank	Blank	Blank	Blank	Blank
16154	13213216106	Zinjurate Kiran P.	Lte	Lte	Lte	Lte	Lte	Lte
16153	13213216065	Jagtap Kaustabh Amol.	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap	K.A. Jagtap
16198	13213216123	Pise Anil Balu	Blank	Blank	Blank	Blank	Blank	Blank
16197	13213216113	Shinde pratix Kiran	Blank	Blank	Blank	Blank	Blank	Blank
16155	13213216066	Pawar Kedar G.	Blank	Blank	Blank	Blank	Blank	Blank
16157	13213216109	Ballal Dhananjay. D.	Blank	Blank	Blank	Blank	Blank	Blank
16156	13213216122	Ligade Rahul Balasa	Blank	Blank	Blank	Blank	Blank	Blank
16152	13213216064	Awate Ritesh Nannath	R.N.A	R.N.A	R.N.A	R.N.A	R.N.A	R.N.A

[Signature]

Signature of the Course Coordinator

[Signature]

HOD

B2

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

organic

FT-JR

no	Roll No	PRN	Student Name	Theory			Practical		
				4/10/22	7/10/22	8/10/22	10/10/22	07/10/22	07/10/22
	16197	13213216113	Shinde pratik Kiran	Present	Present	Present	Present	Present	Present
	16160	13213216074	Pawar Purushottam T	Present	Present	Present	Present	Present	Present
	16154	13213216106	Zinjurate Kiran P.	Present	Present	Present	Present	Present	Present
	16162	13213216081	Sonawane Sampada Prasad	Present	Present	Present	Present	Present	Present
	16161	13213216082	Chouhan Harshada B.	Present	Present	Present	Present	Present	Present
	16155	13213216066	Pawar Kedar G.	Present	Present	Present	Present	Present	Present
	16153	13213216065	Jagtap Koustubh Anil	Present	Present	Present	Present	Present	Present
	16158	13213216108	Pawar Ketan Nandashah	Present	Present	Present	Present	Present	Present
	16157	13213216109	Ballal Dhananjay D.	Present	Present	Present	Present	Present	Present
	16156	13213216122	Ligade Rahul Balaso	Present	Present	Present	Present	Present	Present
	16152	13213216064	Awale Ritesh Navnath	Present	Present	Present	Present	Present	Present
	16194	13213216110	Kashid shweta Naosina	Present	Present	Present	Present	Present	Present
	16159	13213216129	Jagtap Chaitali Anil	Present	Present	Present	Present	Present	Present
	16195	13213216167	Lonkar Dipti Dilip	Present	Present	Present	Present	Present	Present
	16198	13213216123	Pise Anil Balu	Present	Present	Present	Present	Present	Present

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

organic
B3

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

no	Roll No	PRN	Student Name	HPLC					
				Theory			Practical		
				07/10/22	06/10/22	08/10/22	10/10/22	07/11/22	07/11/22
	16190	13213216118	Narale sarhin Hanumanti	Abale	Abale	Abale	Abale	Abale	Abale
	16181	13213216068	Sawalwade Abhishek Abhay	Asant	Asant	Asant	Asant	Asant	Asant
	16201	13213216128	Navale saunabh satish	S.M.Y	S.M.Y	S.M.Y	S.M.Y	S.M.Y	S.M.Y
	16199	13213216121	shaikh Aman shaef	shais	shais	shais	shais	shais	shais
	16163	13213216131	kale Ganesh suresh	GL	GL	GL	GL	GL	GL
	16184	13213216105	Fugare Nisha Goroakh	Nhugare	Nhugare	Nhugare	Nhugare	Nhugare	Nhugare
	16166	13213216103	Deshmane.Vaishnavi vivek	Deshmane	Deshmane	Deshmane	Deshmane	Deshmane	Deshmane
	16188	13213216079	Arkas Manjusha Navroth	Arkas	Arkas	Arkas	Arkas	Arkas	Arkas
	16185	13213216075	Sayyad Noorjha Gajhar	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad	Sayyad
	16187	13213216073	Sanyawar pranali sunil	Sanyawar	Sanyawar	Sanyawar	Sanyawar	Sanyawar	Sanyawar
	16186	13213216070	Masal Gauri Vikas	Masal	Masal	Masal	Masal	Masal	Masal
	16183	13213216083	Pandhari Pallavi Pradip	Pandhari	Pandhari	Pandhari	Pandhari	Pandhari	Pandhari
	16182	13213216071	Utale Tejaswini suresh	Utale	Utale	Utale	Utale	Utale	Utale

Bondre

Signature of the Course Coordinator

Sarkale

HOD

B3 organic

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

GC

Sl. no	Roll No	PRN	Student Name	Theory			Practical		
				01/10/22	04/10/22	06/10/22	07/10/22	07/10/22	07/10/22
	16186	13213216070	Masai Gauni Vikas	Present	Present	Present	Present	Present	Present
	16189	13213216124	Sodmike mayuri Bapurao	Present	Present	Present	Present	Present	Present
	16164	13213216103	Deshmane Vaishnavi Vivek	Present	Present	Present	Present	Present	Present
	16188	13213216079	Arkas manjusha Navarath	Present	Present	Present	Present	Present	Present
	16199	13213216121	Shaikh Aman Isbaef	Present	Present	Present	Present	Present	Present
	16163	13213216131	Kale Ganesh Suresh	Present	Present	Present	Present	Present	Present
	16181	13213216068	Sawalwade Abhishek Abhay	Present	Present	Present	Present	Present	Present
	16190	13213216118	Nondle Saheeb Hanumanth	Present	Present	Present	Present	Present	Present
	16201	13213216128	Navale Saumabh Sanish	Present	Present	Present	Present	Present	Present
	16184	13213216105	Fugane Nisha Gorakh	Present	Present	Present	Present	Present	Present
	16187	13213216073	Sangawar Pranali Sunil	Present	Present	Present	Present	Present	Present
	16185	13213216075	Sayyad Noorjha Gaphur	Present	Present	Present	Present	Present	Present
	16183	13213216083	Pandhari Pallavi Pradip	Present	Present	Present	Present	Present	Present
	16182	13213216071	Utale Tejaswini Suresh	Present	Present	Present	Present	Present	Present

Bundne

Signature of the Course Coordinator

Utkale

HOD

Valid
Vijay G. Patrao Patrao
(Signature)
21ST
Tehsildar
Baramati

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

Certificate Course-2022-23

Subject: - CCAug22

Instrumental methods of Chemical Analysis
Attendance

FTIR

Roll No	PRN	Student Name	Theory			Practical		
			04/10/22	07/10/22	08/10/22	10/10/22	07/10/22	07/10/22
16183	13213216083	Pandhari Pallavi Pradip	P.Pandhari	P.Pandhari	P.Pandhari	P.Pandhari	P.Pandhari	P.Pandhari
16184	13213216105	Fugare Nisha Gorak	N.Fugare	N.Fugare	N.Fugare	N.Fugare	N.Fugare	N.Fugare
16190	13213216118	Narale Sachin Hanuman	S.Narale	S.Narale	S.Narale	S.Narale	S.Narale	S.Narale
16181	13213216068	Sawalwade Abhishek Abhay	A.Sawalwade	A.Sawalwade	A.Sawalwade	A.Sawalwade	A.Sawalwade	A.Sawalwade
16201	13213216128	Navale Sourabh Satish	S.Navale	S.Navale	S.Navale	S.Navale	S.Navale	S.Navale
16163	13213216131	Kale Ganesh Suresh	G.Kale	G.Kale	G.Kale	G.Kale	G.Kale	G.Kale
16199	13213216121	Shankh Aman Sharif	A.Shankh	A.Shankh	A.Shankh	A.Shankh	A.Shankh	A.Shankh
16169	13213216103	Deshmane Vaishnavi Vivek	V.Deshmane	V.Deshmane	V.Deshmane	V.Deshmane	V.Deshmane	V.Deshmane
16186	13213216070	Masal Gauri Vikas	V.Masal	V.Masal	V.Masal	V.Masal	V.Masal	V.Masal
16188	13213216079	Artas Manjusha Navonath	M.Artas	M.Artas	M.Artas	M.Artas	M.Artas	M.Artas
16187	13213216073	Sargawar Pranali Sunil	P.Sargawar	P.Sargawar	P.Sargawar	P.Sargawar	P.Sargawar	P.Sargawar
16185	13213216075	Sauyyad Noorjha Gophur	N.Sauyyad	N.Sauyyad	N.Sauyyad	N.Sauyyad	N.Sauyyad	N.Sauyyad
16182	13213216071	Utale Tejaswini Suresh	T.Utale	T.Utale	T.Utale	T.Utale	T.Utale	T.Utale

Bondue

Signature of the Course Coordinator

S.P.Kale

HOD

B₁

Annexure-5

Inorganic

Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

no	Roll No	PRN	Student Name	HPLC			HPLC		
				Theory			Practical		
				01/10/22	06/10/22	08/10/22	01/10/22	07/10/22	01/10/22
	16309	13213216243	Hanavare Anup Jotiram	Done	Done	Done	Done	Done	Done
	16341	132132162	Rakate Ajit Sudhir	Done	Done	Done	Done	Done	Done
	16345	13213216245	Gawade Dinesh Popat	Done	Done	Done	Done	Done	Done
	16313	13213216281	Dhawade Rahul Machine	Done	Done	Done	Done	Done	Done
	16351	13213216286	Khargat Atul Sukhadeu	Done	Done	Done	Done	Done	Done
	16314	13213216237	Arjun Bhagyashree Dada	Done	Done	Done	Done	Done	Done
	16315	13213216263	Patmal saloni Amar	Done	Done	Done	Done	Done	Done
	16356	13213216276	Rijan Vaishnavi Dhananjay	Done	Done	Done	Done	Done	Done
	16316	13213216226	Bhalte kernal Narayan	Done	Done	Done	Done	Done	Done
	16302	13213216236	Shaikh shatard Rashid	Done	Done	Done	Done	Done	Done
	16317	13213216241	Mote Pooana Jotiram	Done	Done	Done	Done	Done	Done
	16303	13213216225	Pari Nayan Babasaheb	Done	Done	Done	Done	Done	Done

Bondwe

Signature of the Course Coordinator

Parikale

HOD

B₁

Annexure-5

Inorganic

Inorganic

Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

Sr.no	Roll No	PRN	Student Name	GC			GC		
				Theory			Practical		
				Date	Date	Date	Date	Date	Date
1	16304	13213216293	Hanavare Anup Jotiram	01/10/22	04/10/22	06/10/22	07/10/22	01/10/22	01/10/22
2	16341	132132162 -	Rakate Aalit Sudhir	As Rak	As Rak	As Rak	As Rak	As Rak	As Rak
3	16345	13213216245	Gawade Dinesh Popat	Quate	Quate	Quate	Quate	Quate	Quate
4	16313	13213216284	Dhruvade Rahul Madhendra	Sahul	Sahul	Sahul	Sahul	Sahul	Sahul
5	16351	13213216286	Kherat Atul Sankhoder	Asatul	Asatul	Asatul	Asatul	Asatul	Asatul
6	16314	13213216237	Ajun Bhagyashree Dada	Tjun	Tjun	Tjun	Tjun	Tjun	Tjun
7	16315	13213216263	Patmas saloni Amar	Asatma	Asatma	Asatma	Asatma	Asatma	Asatma
8	16356	13213216276	Rym Yaashnavi Dhananjay	Asura	Asura	Asura	Asura	Asura	Asura
9	16316	13213216226	Bhopte Komal Narayan	Jemph	Jemph	Jemph	Jemph	Jemph	Jemph
10	16302	13213216236	Shaikh Ghatora R.	shaithe	shaithe	shaithe	shaithe	shaithe	shaithe
11	16317	13213216241	Mate Prerana Jotiram	Amate	Amate	Amate	Amate	Amate	Amate
12	16303	13213216225	Puri Nayan Babasaheb	NBPuri	NBPuri	NBPuri	NBPuri	NBPuri	NBPuri

Blond me

Signature of the Course Coordinator

Sparkle

HOD

B₁

Annexure-5

Inorganic

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

Certificate Course-2022-23

Subject: - CCAug22

Instrumental methods of Chemical Analysis
Attendance

FT-IR

FT-IR

Sr.no	Roll No	PRN	Student Name	Theory			Practical		
				Date	Date	Date	Date	Date	Date
1	16304	13213216245	Hanavare Anup Jatinam	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
2	16341	132132162-	Rakate Ajit Sudhir	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
3	16345	13213216245	Gawade Dinesh Popat	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
4	16313	13213216313	Dhuvare Rahul Mchind	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
5	16351	13213216286	Khanat Atul Sureshder	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
6	16314	13213216237	Arun Bhagyashree Dada	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
7	16315	13213216263	Patma Saloni Amar	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
8	16356	13213216276	Pujan Vaishnavi Dhananay	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
9	16316	13213216226	Bharte Komal Narayan	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
10	16302	13213216236	Shalkh Shaktara Rakhi	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
11	16317	13213716241	More Poojana Jatinam	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan
12	16303	13213216225	Puroi Nayan Babasaheb	ASRan	ASRan	ASRan	ASRan	ASRan	ASRan

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

Place Date

Persons N.B. da S.C./S. the Govt Depart 5th Jun May 20

SDO/Non Cre Outward No Th Bharat R Maharashtra under the K Dhekalm

Documents V 1 Affidavit 2 Copy of 3 Income C 4 Copy of 5 Copy of

Form of C Tribes (B, Spe



Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

Sl. No	Roll No	PRN	Student Name	HPLC Theory			HPLC Practical		
				Date			Date		
				Date	Date	Date	Date	Date	Date
				01/10/22	06/10/22	08/10/22	01/10/22	07/10/22	09/10/22
16	16318	13213216279	Gale Shivrajali Shankar	Gale	Gale	Gale	Gale	Gale	Gale
	16307	13213216278	Shelar Sandhi Rajendra	Shelar	Shelar	Shelar	Shelar	Shelar	Shelar
	16305	13213216228	Pisal Prithi Bharat	Pisal	Pisal	Pisal	Pisal	Pisal	Pisal
	16301	1323216283	Shete Sonal Kashinath	Shete	Shete	Shete	Shete	Shete	Shete
	16319	13213216112	Jawale Rupali Jivan	Jawale	Jawale	Jawale	Jawale	Jawale	Jawale
	16320	13213216265	Kale Damini Digamber	Kale	Kale	Kale	Kale	Kale	Kale
	16323	13213216230	Hake Ankita mahadev	Hake	Hake	Hake	Hake	Hake	Hake
	16324	13213216223	Shinde Vaishnavi C.	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
	16344	13213216272	Ghadge Nikita P.	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge
	16311	13213216242	Tembare Manali vijay	Tembare	Tembare	Tembare	Tembare	Tembare	Tembare
	16312	13213216266	Ghanwat Ameeta Mahendra	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat
	16322	13213216233	Nanaware Mayuri Narayan	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware
	16308	13213216244	Somvanshi Rutika R.	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika
	16353	13213216265	Jadhav shrutika Dnyanesh	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav

Azondre

Signature of the Course Coordinator

Sharkale

HOD

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

GC

Roll No	PRN	Student Name	Theory			Practical		
			Date	Date	Date	Date	Date	Date
			01/10/22	02/10/22	06/10/22	07/10/22	01/10/22	01/10/22
16318	13213216279	Gale Shivanjali Shankar	Ghivankar	Ghivankar	Ghivankar	Ghivankar	Ghivankar	Ghivankar
16319	13213216112	Jawale Rupali Jivan	Jawale	Jawale	Jawale	Jawale	Jawale	Jawale
16320	13213216265	Kale Damini Digamber	Kale	Kale	Kale	Kale	Kale	Kale
16323	13213216230	Hake Ankita mahadev	Amhale	Amhale	Amhale	Amhale	Amhale	Amhale
16301	13213216283	Shetsonal Kashinath	Shete	Shete	Shete	Shete	Shete	Shete
16305	13213216228	Pisal Priti Bharat	Pisley	Pisley	Pisley	Pisley	Pisley	Pisley
16307	13213216278	Shelar Sonali Rajendra	Shelar	Shelar	Shelar	Shelar	Shelar	Shelar
16324	13213216223	Shinde Vaishnavi C.	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
16344	13213216272	Ghadge Nikita F.	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge
16311	13213216242	Tembare Manali Vijay	Tembare	Tembare	Tembare	Tembare	Tembare	Tembare
16312	13213216266	Ghanwat Ameeta M.	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat
16322	13213216233	Nanaware Mayuri Narayan	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware
16308	13213216244	Somvanshi Rutika	Somvanshi	Somvanshi	Somvanshi	Somvanshi	Somvanshi	Somvanshi
16353	13213216264	Jadhav Shrutika D.	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav

Bondne

Signature of the Course Coordinator

Amhale

HOD

Inorganic B2

Annexure-5

Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

FT-IR

FT-IR

Roll No	PRN	Student Name	Theory			Practical		
			Date	Date	Date	Date	Date	Date
			04/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16318	13213216279	Gole shiranjali Shankar	Gole	Gole	Gole	Gole	Gole	Gole
16319	13213216112	Jawale Rupali Jivan	Jawale	Jawale	Jawale	Jawale	Jawale	Jawale
16320	13213216265	Kale Damini Digamber	Kale	Kale	Kale	Kale	Kale	Kale
16323	13213216230	Make Ankita Mahudev	Make	Make	Make	Make	Make	Make
16301	13213216283	Shete Sonal Kashinath	Shete	Shete	Shete	Shete	Shete	Shete
16305	13213216228	Risal Prati Bharat	Risal	Risal	Risal	Risal	Risal	Risal
16307	13213216278	Shelar Sonali Rajendra	Shelar	Shelar	Shelar	Shelar	Shelar	Shelar
16324	13213216223	Shinde Vaishnavi C	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
16344	13213216272	Ghadge Milata P	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge	Ghadge
16311	13213216242	Tembare Manali Vijay	Tembare	Tembare	Tembare	Tembare	Tembare	Tembare
16312	13213216266	Ghanwat Ameeta Mahendra	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat	Ghanwat
16322	13213216233	Nanaware Mayuri Narayan	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware	Nanaware
16308	13213216244	Somvanshi Rutika	Somvanshi	Somvanshi	Somvanshi	Somvanshi	Somvanshi	Somvanshi
16303	13213216264	Jadhav Shrutika D.	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav

Bondne

Signature of the Course Coordinator

Jyoti Kale
HOD

Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance B3

Roll No	PRN	Student Name	HPLC Theory			HPLC Practical		
			Date	Date	Date	Date	Date	
16321	13213216232	Kokare Shani Anandrao	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16343	13213216273	Atole Sahil Dattatray	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16342	13213216275	Atole Nikhil Namdar	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16355	13213216269	Kharat smita sunil	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16352	13213216227	Tadhav mopalji vitthal	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16347	13213216268	shinde snehal bhagwan	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16346	13213216270	Sawant kalyani bisen	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16354	13213216235	Zogawar shital kantilal	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16349	13213216274	Ghatge Akhil prakash	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16350	13213216247	Patil Manali Bhimrao	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16309	13213216267	pawar Sakshi Sanjay	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16306	13213216261	Dawar Shrutika Satish	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16348	13213216282	Nimbalkar Mohini sunil	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22
16310	13213216271	kadam shefali madhukar	01/10/22	06/10/22	08/10/22	10/10/22	01/10/22	01/10/22

Bondne

Signature of the Course Coordinator

Sparkale

HOD

Inorganic

B3

Annexure-5

Anekant Education Society's
 Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

Roll No	PRN	Student Name	Theory			GC Practical		
			01/10/22	04/10/22	06/10/22	07/10/22	01/10/22	01/10/22
16321	13213216232	Kokare Shani Anandea	Shani	Shani	Shani	Shani	Shani	Shani
16343	13213216273	Atole Sahil Dattatray	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil
16342	13213216275	Atole Nikhil Namdeo	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
16355	13213216269	Khorat Smita Sunil	Smita	Smita	Smita	Smita	Smita	Smita
16352	13213216227	Jadhav monali Vitthal	Monali	Monali	Monali	Monali	Monali	Monali
16347	13213216268	Shinde snehal Bhagawan	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal
16346	13213216270	Sawant Kalyani Kailash	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
16354	13213216235	Kogawale shital Kantilal	Shital	Shital	Shital	Shital	Shital	Shital
16349	13213216274	Chaturge Akhil Prakash	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil
16350	13213216247	Patil Manali Bhimrao	Manali	Manali	Manali	Manali	Manali	Manali
16309	13213216267	Pawar Sakshi Sanjay	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
16306	13213216261	Pawar Shratika Satish	Shratika	Shratika	Shratika	Shratika	Shratika	Shratika
16348	13213216282	Nimbalkar Mohini Sunil	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini
16310	13213216271	Kadam Shefali Madhukar	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali

Bondwe

Signature of the Course Coordinator

Shankale

HOD

Inorganic B3

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance B1

FT-IR

Roll No	PRN	Student Name	Theory			Practical		
			Date	Date	Date	Date	Date	Date
16321	13213216232	Kokare Shani Anandrao	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16343	13213216243	Atole Sahil Dattatray	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16342	13213216275	Atole Nikhil Namdev	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16355	13213216289	Khurad smita sunil	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16352	13213216227	Jadhav monali vittal	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16347	13213216268	shinde snehal bhaywan	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16346	13213216270	Suwantkalyani kisan	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16354	13213216235	Ingaewar shital kantilal	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16349	13213216349	Tharge Akhil pranav	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16350	13213216267	Patil Mohali Bhimano	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16309	13213216267	Pawar Sakshi sanjay	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16306	13213216261	Pawar Shrutika Satish	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16348	13213216282	Kimbalkar Mohini sunil	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22
16310	13213216271	Kadam Shefali madhukar	06/10/22	07/10/22	08/10/22	10/10/22	10/10/22	10/10/22

Blondwe

Signature of the Course Coordinator

Shaktale

HOD

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

Sr.no	Roll No	PRN	Student Name	HPLC			HPLC		
				Theory			Practical		
1	16477	13213216392	Kshirsagar Suraj Sunil	01/10/22	04/10/22	08/10/22	10/10/22	06/10/22	20/10/22
2	16461	13213216389	Jagtap Aniket Balaso	Surajk	Surajk	Surajk	Surajk	Surajk	Surajk
3	16462	13213216393	Sirsat Tejavvi Bharudod	Surajk	Surajk	Surajk	Surajk	Surajk	Surajk
4	16463	13213216480	Lokhande Chaitrakali H	Chaitrakali	Chaitrakali	Chaitrakali	Chaitrakali	Chaitrakali	Chaitrakali
5	16464	13213216431	Dhumal Shrutis S.	Shrutis	Shrutis	Shrutis	Shrutis	Shrutis	Shrutis
6	16465	13213216428	Rupnagar Neha G	Purnima	Purnima	Purnima	Purnima	Purnima	Purnima
7	16516	13213216399	Mulik Shradha S.	Shradha	Shradha	Shradha	Shradha	Shradha	Shradha
8	16466	13213216397	Thorat Pratiksha R.	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik
9	16467	13213216404	More Akash N.	Akash	Akash	Akash	Akash	Akash	Akash
10	16470	13213216390	Mankad Akshay Mahadev	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
11	16468	13213216427	Bhoite Poorna Sanjay	Poorna	Poorna	Poorna	Poorna	Poorna	Poorna
12	16519	13213216388	Tambali Muskan Rank	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan
13	16517	13213216517	Gurav Gauri Denidas	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
14	16515	13213216426	Panaskar Mayuri Ramesh	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri

Blondine

Signature of the Course Coordinator

S. P. Kale

HOD

Ana
B1

Annexure-5

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

Sr.No	Roll No	PRN	Student Name	GC			GC		
				Theory			Practical		
1	16477	13213216392	Kshirsagar Suraj Sunil	01/10/22	04/10/22	06/10/22	07/10/22	08/10/22	09/10/22
2	16461	13213216389	Jagtap Aniket B. D. 1950	Present	Present	Present	Present	Present	Present
3	16462	13213216393	Jagtap Aniket B. D. 1950	Present	Present	Present	Present	Present	Present
4	16463	13213216430	Jagtap Aniket B. D. 1950	Present	Present	Present	Present	Present	Present
5	16464	13213216431	Lakhande Chaitrali H.	Present	Present	Present	Present	Present	Present
6	16465	13213216428	Dhumal Shanti S.	Present	Present	Present	Present	Present	Present
7	16516	13213216399	Rupnagar Nena G.	Present	Present	Present	Present	Present	Present
8	16466	13213216397	Mulik Shradha S.	Present	Present	Present	Present	Present	Present
9	16468	13213216427	Thorat Pratiksha R.	Present	Present	Present	Present	Present	Present
10	16470	13213216390	Bhoite Pooja Sanjay	Present	Present	Present	Present	Present	Present
11	16467	13213216404	Mastad Akshay Mahadev	Present	Present	Present	Present	Present	Present
12	16517	13213216425	More Akash Navnath	Present	Present	Present	Present	Present	Present
13	16519	13213216381	Gurav Gauri Devida	Present	Present	Present	Present	Present	Present
14	16515	13213216426	Tamboli Muskan Anil	Present	Present	Present	Present	Present	Present
			Panaskar Mayuri R.	Present	Present	Present	Present	Present	Present

Blondne

Signature of the Course Coordinator

J. K. Kale

HOD

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

Sr.no	Roll No	PRN	Student Name	FT-IR			FI-JR		
				Theory			Practical		
1	16477	13213216392	Kshirsagar Suraj Sunil	04/10/22	07/10/22	08/10/22	10/10/22	04/10/22	04/10/22
2	16461	13213216387	Jagtap Aniket Balaso	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
3	16462	13213216393	Sirsat Tejasvi Bharuday	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
4	16463	13213216430	Lokhande Chaitrali H	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
5	16464	13213216431	Dhumal Shanti S.	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
6	16465	13213216428	Rupnawat Neha G	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
7	16516	13213216399	Mulik Shradha S.	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
8	16466	13213216397	Thorat Pratiksha R.	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
9	16467	13213216404	More Akash N.	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
10	16470	13213216390	Maskad Akshay Mahadev	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
11	16468	13213216427	Bhoite Pooja Sanjay	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
12	16519	13213216381	Tamboli Muskanfani	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
13	16517	13213216425	Guran Gauri Devidas	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>
14	16515	13213216426	Ranaskar Mayuri Ramesh	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>	<u>Surajk</u>

Bhandal

Signature of the Course Coordinator

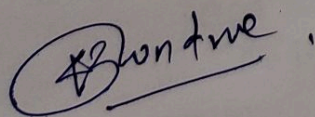
Wankar

HOD

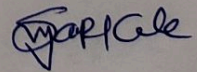
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

HPLC

Sr.no	Roll No	PRN	Student Name	Theory				Practical	
				11/10/22	6/11/22	8/11/22	19/10/22	6/11/22	06/11/22
1	16476	13213216402	Gradadare Rohit sharma	Padach	Padach	Padach	Padach	Padach	Padach
2	16475	13213216478	Ghadge Pranita Dattatray	Pasal	Pasal	Pasal	Pasal	Pasal	Pasal
3	16474	13213216424	Lattkar Akshada Dnyaneshwar	Attar	Attar	Attar	Attar	Attar	Attar
4	16479	13213216383	Mandhore Aakash Anil	Amadher	Amadher	Amadher	Amadher	Amadher	Amadher
5	16518	13213216441	phate Rushikesh Lalago	phateel	phateel	phateel	phateel	phateel	phateel
6	16514	1321321646	Binnale sankat Suresh	Binkeel	Binkeel	Binkeel	Binkeel	Binkeel	Binkeel
7	16478	13213216384	Phadate Kuldip shivaji	Phadate	Phadate	Phadate	Phadate	Phadate	Phadate
8	16469	13213216484	Kolekar Biswar Ramesh	Pecar	Pecar	Pecar	Pecar	Pecar	Pecar
9	16481	13213216398	Pore sagar Pandurang	Such	Such	Such	Such	Such	Such
10	16483	13213216433	Gaikwad punit mahadev	Bikwa	Bikwa	Bikwa	Bikwa	Bikwa	Bikwa
11	16471	13213216423	Gaikwad Sonali Bapura	donali	donali	donali	donali	donali	donali
12	16484	13213216382	Kharbade Neha Nishal	Shorabade	Shorabade	Shorabade	Shorabade	Shorabade	Shorabade
13	16473	13213216400	Salunke Akshada Suresh	Salk	Salk	Salk	Salk	Salk	Salk
14	16472	13213216436	Tekawade Bhagyashree.S	Bekawade	Bekawade	Bekawade	Bekawade	Bekawade	Bekawade



Signature of the Course Coordinator



HOD

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

GC

Sr.no	Roll No	PRN	Student Name	Theory			Practical		
				1/10/22	4/10/22	6/10/22	7/10/22	04/10/22	04/10/22
1	16476	13213216402	Gadadare Rohit Shamrao	Padadare	Padadare	Padadare	Padadare	Padadare	Padadare
2	16475	13213216438	Ghadge Arunika Dattatray	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
3	16474	13213216424	Lattkar Akshada Dnyaneshwar	Patkar	Patkar	Patkar	Patkar	Patkar	Patkar
4	16514	13213216446	Airmale sanket Suresh	Patkar	Patkar	Patkar	Patkar	Patkar	Patkar
5	16478	13213216384	Phadate Kuldip Shivaji	Phadate	Phadate	Phadate	Phadate	Phadate	Phadate
6	16518	13213216441	phate Purbhitesh Lalato	phate	phate	phate	phate	phate	phate
7	16479	13213216383	Mandhane Aakash Anil	Amandha	Amandha	Amandha	Amandha	Amandha	Amandha
8	16469	13213216434	Kolekar Kishor Ramnath	Patkar	Patkar	Patkar	Patkar	Patkar	Patkar
9	16481	13213216998	Poree sagae pandurang	Stuh	Stuh	Stuh	Stuh	Stuh	Stuh
10	16483	13213216437	Gaikwad puni mahad	Patkar	Patkar	Patkar	Patkar	Patkar	Patkar
11	16471	13213216423	Gaikwad sonali Bapurao donali	donali	donali	donali	donali	donali	donali
12	16484	13213216382	Khorbade Neha Vishal	Khorbade	Khorbade	Khorbade	Khorbade	Khorbade	Khorbade
13	16473	13213216400	Salunke Akshada Suresh	Salunke	Salunke	Salunke	Salunke	Salunke	Salunke
14	16472	13213216436	Tekawade Bhagyashree. S	Tekawade	Tekawade	Tekawade	Tekawade	Tekawade	Tekawade

Bondhu

Signature of the Course Coordinator

Jyoti Kulkarni

HOD

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

FT-IR

Sr.no	Roll No	PRN	Student Name	Theory			Practical		
				4/10/22	7/10/22	8/10/22	10/10/22	04/11/22	04/11/22
1	16476	13213216402	Gadadare Rohit Shamrao	Present	Present	Present	Present	Present	Present
2	16475	13213216438	Ghodge Pranita Dattatraya	Present	Present	Present	Present	Present	Present
3	16474	13213216424	Lattar Akshada Dnyaneshwar	Present	Present	Present	Present	Present	Present
4	16518	13213216441	phate Purbhikesh Lalasa	Present	Present	Present	Present	Present	Present
5	16514	13213216446	Birmale Sanket Suresh	Present	Present	Present	Present	Present	Present
6	16479	13213216383	Mandhore Akash Anil	Present	Present	Present	Present	Present	Present
7	16469	13213216434	Kolekar Nishu Ramesh	Present	Present	Present	Present	Present	Present
8	16481	13213216385	Pote Sagar Pandurang	Present	Present	Present	Present	Present	Present
9	16478	13213216384	phadate Kuldip Shivaji	Present	Present	Present	Present	Present	Present
10	16483	13213216433	Gaikwad Punj + Mahadev	Present	Present	Present	Present	Present	Present
11	16471	13213216423	Gaikwad Sonali Bapurao	Present	Present	Present	Present	Present	Present
12	16484	13213216382	Kharbade Neha Vishal	Present	Present	Present	Present	Present	Present
13	16472	13213216436	Tikawade Bhagyashree S	Present	Present	Present	Present	Present	Present
14	16473	13213216400	Salunke Akshada Suresh	Present	Present	Present	Present	Present	Present

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

HPLC

Sr.no	Roll No	PRN	Student Name	Theory						Practical						
				1/10/22	6/10/22	8/10/22	10/10/22	12/10/22	14/10/22	16/10/22	18/10/22	20/10/22	22/10/22	24/10/22	26/10/22	
1)	16506	13213216395	Jadhav Akanksha S.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2)	16507	13213216388	Patil Sammed R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3)	16508	13213216386	Chougale Akshay P.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4)	16509	13213216391	Pharande Prachi K.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5)	16509	13213216387	Patil Abhinandan N.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6)	16504	13213216442	Sonawane Prashali P.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7)	16510	13213216443	Jagtap Bhagyashri R.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8)	16511	13213216403	Shinde Chaitanya Dilip	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9)	16503	13213216393	Bhosale Adil H Gopal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10)	16502	13213216394	Hulage Sayali Sanjay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11)	16512	13213216437	Londhe Niraj Subhash	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12)	16501	13213216401	Chavan Manali Prakash	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13)	16513	13213216445	Bale Rohan Mahaveer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14)	16480	13213216429	Kadam Pravin Mahadev	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15)	16482	13213216432	Atole Vishal Vijaykumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 Anekant Education Society's
 (Autonomous)
 Certificate Course-2022-23
 Subject: - CCAug22
 Instrumental methods of Chemical Analysis
 Attendance

Sr.no	Roll No	PRN	Student Name	Theory						Practical					
				1/10/22	4/10/22	6/10/22	7/10/22	10/10/22	11/10/22	1/10/22	4/10/22	6/10/22	7/10/22	10/10/22	11/10/22
1)	16506	13213216395	Jadhav Akanksha S.	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
2)	16507	13213216388	Patil Summed R	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
3)	16508	13213216386	Chougule Akshay P.	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
4)	16505	13213216391	Pharande Prachi K	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
5)	16509	13213216387	Patil Abhinandan N.	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
6)	16504	13213216442	Sonawane Prashali P.	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
7)	16510	13213216443	Jagtap Bhagyashri R.	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
8)	16511	13213216403	Shinde Chaitanya Dilip	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
9)	16503	13213216444	Bhosale Aditi H Gopal	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
10)	16502	13213216394	Mulage Sayali Sanjay	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
11)	16512	13213216437	Londhe Niraj Subhash	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
12)	16501	13213216401	Chavan Manali Prakash	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
13)	16513	13213216445	Bele Rohan Mahaveer	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
14)	16480	132132164829	Kadam Pravin Mahadev	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
15)	16482	13213216432	Atule Vishal Vijaykumar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	

(Signature)

Signature of the Course Coordinator

(Signature)

HOD

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Certificate Course-2022-23
Subject: - CCAug22
Instrumental methods of Chemical Analysis
Attendance

Sr.no	Roll No	PRN	Student Name	FT-IR					
				Theory			Practical		
1)	16506	13213216395	Jadhav Akanksha S	7/10/22	7/10/22	8/10/22	10/10/22	7/10/22	04/10/22
2)	16507	13213216388	Patil Sammed R	Patil	Patil	Patil	Patil	Patil	Patil
3)	16508	13213216386	chougule Akshay P.	Patil	Patil	Patil	Patil	Patil	Patil
4)	16505	13213216391	Pharande Prachi K	Pharande	Pharande	Pharande	Pharande	Pharande	Pharande
5)	16509	13213216387	Patil Abhinandan N.	Patil	Patil	Patil	Patil	Patil	Patil
6)	16504	13213216442	Sonawane Prashali P.	Patil	Patil	Patil	Patil	Patil	Patil
7)	16510	13213216443	Jagtap Bhagyashri R.	Patil	Patil	Patil	Patil	Patil	Patil
8)	16511	13213216403	Shinde Chaitanya Dilip	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
9)	16503	13213216444	Bhosale Aditi Gopal	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
10)	16502	13213216394	Hulage sayali Sanjay	Hulage	Hulage	Hulage	Hulage	Hulage	Hulage
11)	16512	13213216437	Londhe Niraj Subhash	Londhe	Londhe	Londhe	Londhe	Londhe	Londhe
12)	16501	13213216401	Chavan Manali Beekash	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
13)	16513	13213216445	Bele Rohan Mahaveer	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan
14)	16480	13213216429	Kadam Pravin Mahadev	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin
15)	16482	13213216432	Atore Vishal Vijay Kumar	Atore	Atore	Atore	Atore	Atore	Atore
16)									

जि.
मुली
लाभार्थ
दयमस्य
नी
यापूर्वी

गही खोटे
हे. तसेच

Blondine

Signature of the Course Coordinator

Shankar Kale

HOD

Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

ARTS, SCIENCE & COMMERCE, BARAMATI



NAAC Re-accredited 'A+' (CGPA 3.55) Grade, ISO 9001-2015 Certified College, Religious Minority Institute
(Autonomous Institute)

Certificate

This is to certify that Mr./Miss. _____ enrolled for the
of Class : _____ Sem. : _____ Roll No.: _____ of

Certificate Course : _____ department and Completed the course successfully
during _____ to _____ through evaluation and earn _____ credits.

P. S. Patil

Coordinator

B. D. W. D. W.

Course Incharge

[Signature]

Principal

A-4 -90000 Q 250 Gsm

Date: 12/10/2022

To,
The Principal,
Tuljaram chaturchand
college, Baramati.

Subject: Hard copies for certificate course Question
papers.

Respected sir,

Myself Assi. Prof. Gayatri D. Pirale, department of
chemistry. We organized certificate course for Msc II
year students.

Tomorrow, we will going to conduct the exam for
Certificate course. We need 130 xerox copies of Question
paper. So, please give permission for the same.

1 copy = 4 pages.

S. P. Kale
11/10/22

G. D. Pirale
12/10/22
Yours faithfully

R. S. D.

G. D. Pirale
12/10/2022

Time: 1hr

Sample of Que. paper

Marks: 50

Q1. Attempt all of the following

(35marks)

- 1) The eluent strength is measure of-
a) Solvent adsorption energy
b) solvent absorption energy
c) Solvent diffusivity
d) solvent mixing index
- 2) HPLC stands for-
a) High pressure liquid Chromatography
b) High Performance liquid chromatography
c) both a and b
d) Highly placed liquid chromatography
- 3) An isocratic elution in HPLC is one in which the composition of the solvent
a) remains constant
b) changes continuously
c) changes in a series of steps
d) none of these
- 4) In reverse phase HPLC, there is a
a) Non polar Solvent/polar column
b) polar solvent/ non-polar Column
c) non -polar solvent/ non polar Column
d) polar solvent/ polar column
- 5) A gradient elution in HPLC is one in which the composition of the solvent
a) remains constant
b) is changed continuously or in a series of steps
c) both a and b
d) none of the above
- 6) In normal phase HPLC, there is a
a) non polar solvent/polar column
b) polar solvent/non polar column
c) non polar solvent/nonpolar column
d) all of the above
- 7) Which of the following is not true about solvent programming which is done in HPLC ?
a) It provides unequal bandwidths
b) It provides fast overall separation
c) It provides maximum resolution
d) It provides maximum sensitivity
- 8) Derivatization techniques in HPLC are intended to enhance
a) Molecular weight
b) Reversibility
c) Detectability
d) Reproducibility
- 9) The mobile phase used in HPLC analysis is
a) Solid
b) Gas
c) liquid
d) semisolid
- 10) Considering HPLC, which of the statement is false?
a) HPLC is suitable for the separation and determination of the nonvolatile species.
b) The stationary phase used in the HPLC column could be relatively polar or nonpolar liquid
c) The separation efficiency has been increased by decreasing the particle size of the solid support for the stationary phase.
d) Very long column have been used here to increase the efficiency of separation.
- 11) The pattern on the paper in chromatography is called
a) Chromin
b) Chroma
c) Chromatograph
d) Chromatogram

- 12) Which of the following HPLC detectors is not a solute property?
 a) UV-Visible detector
 b) photo diode array detector
 c) Fluorescence detector
 d) Refractive index detector
- 13) How is the wavelength controlled in an FTIR spectrometer?
 a) By a Michelson Interferometer
 b) By a computer
 c) By a laser
 d) By calibration with a standard sample
- 14) What type of technique is FTIR spectroscopy?
 a) A dispersive technique?
 b) An emission technique
 c) An absorbance technique
 d) A UV-Vis technique
 e) A reflectance technique
- 15) How is the detector on the shimadzu IR affinity 1S is dried?
 a) With water
 b) With liquid nitrogen
 c) With a fan
 d) By Electric unit
- 16) Where does the peak of CO₂ appears?
 a) 1000 cm-1 b) 1500 cm-1 c) 2000cm-1 d) 4000 cm-1
- 17) What occurs when the moving mirror in an FTIR spectrometer is the same distance from the beamsplitter as the static mirror?
 a) Constructive interference
 b) Destructive interference
 c) Radio interference
 d) The spectrum is measured
- 18) What infrared technique uses Attenuated total reflection?
 a) FTIR spectroscopy
 b) FTIR-ATR spectroscopy
 c) Dispersive infrared spectroscopy
 d) FTIR microscopy
- 19) Which region is the more complicated in FTIR?
 a) finger print
 b) Single bond
 c) Double bond
 d) None
- 20) In what region of the spectrum does infrared radiation occur?
 a) At the low-energy end
 b) Between the visible and ultraviolet regions
 c) Between the visible and microwave regions
 d) Between the visible and x-ray regions
- 21) What occurs when a molecule absorbs infrared radiation?
 a) It warms up b) It flies around c) It spins faster d) It vibrates faster
- 22) How many standard scans are set for FTIR analysis?
 a) By a Michelson Interferometer
 b) By a computer
 c) By a laser
 d) By calibration with a standard sample
- 23) what is long form of ATR ?
 a). Automatic total result
 b). Atomic transition reflection
 c). Absorbance technique Report
 d). Attenuated total reflection