

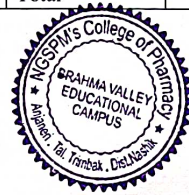


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NASHIK GRAMIN SHIKSHAN PRASARAK MANDAL'S
College of Pharmacy
BRAHMA VALLEY EDUCATIONAL CAMPUS
Anjaneri, Nashik – 422 213
Phone No. : (02594) 220146, 220147

**Summary of Certificate / Add on Courses
A.Y. 2021-2022**

| Sr. No. | Name of Certificate / Add on Course | Course Code | Name of Course Coordinator | Duration From-To (36 Hrs.) | Class | No.of Students Enrolled | Assessment Procedure | No of Students Completing the course |
|---------|--|-------------|----------------------------|----------------------------|----------------------|-------------------------|---|--------------------------------------|
| 1 | Communication Skills | CS 2/1 | Mr. R P. Mali | 17/1/22-26/2/22 | F.Y.B. Pharm | 55 | ➤ MCQ Based Exam ➤ Practical Experiment ➤ Viva Voce | 53 |
| 2 | Unit operation | PCG4/1 | Dr. V D.Wagh | | S.Y. B. Pharm | 72 | | 70 |
| 3 | Hands on Training on analytical instruments | PC5/1 | Mr.S.D.Bhandare | 12/7/21-21/8/21 | T.Y. B. Pharm | 36 | | 34 |
| 4 | Care, Handling and use of Small Laboratory Animals | PL5/2 | Mr.P.T.Deshmukh | 12/7/21-21/8/21 | T.Y. B. Pharm | 35 | | 33 |
| 5 | Tablet Manufacturing | PH8/1 | Mrs.H.S.Ishi | 17/1/22-26/2/22 | Final Year. B. Pharm | 39 | | 35 |
| 6 | General Course on IPR | PH8/2 | Miss.S.S.Gaikwad | 17/1/22-26/2/22 | Final Year. B. Pharm | 37 | | 35 |
| | | | | | Total | 272 | | 260 |



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Summary of Certificate / Add on Courses

A.Y. 2020-2021

| Sr. No. | Name of Certificate / Add on Course | Course Code | Name of Course Coordinator | Duration From-To (36 Hrs.) | Class | No.of Students Enrolled | Assessment Procedure | No of Students Completing the course |
|---------|--|-------------|----------------------------|----------------------------|----------------------|-------------------------|------------------------|--------------------------------------|
| 1 | Hands on Training on analytical instruments | PC5/1 | Mr.S.D.Bhandare | 17/8/20 - 26/9/20 | T.Y.B. Pharm | 40 | ➤ MCQ Based Exam | 38 |
| 2 | Care, Handling and use of Small Laboratory Animals | PL5/2 | Mr.P.T.Deshmukh | | T.Y.B. Pharm | 40 | ➤ Practical Experiment | 39 |
| 3 | General Course on IPR | PH8/2 | Miss.S.S.Gaikwad | 25/1/21 – 6/3/21 | Final Year. B. Pharm | 68 | ➤ Viva Voce | 67 |
| | | | | | Total | 148 | | 144 |



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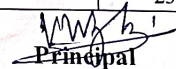
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**Summary of Certificate / Add on Courses
A.Y. 2019-2020**

| Sr. No. | Name of Certificate / Add on Course | Course Code | Name of Course Coordinator | Duration From-To (36 Hrs.) | Class | No. of Students Enrolled | Assessment Procedure | No of Students Completing the course |
|---------|--|-------------|----------------------------|----------------------------|---------------------|--------------------------|---|--------------------------------------|
| 1 | Communication Skills | CS 2/1 | Mr.R.P.Mali | 13/1/20-22/2/20 | F.Y. B.Pharm | 54 | ➤ MCQ Based Exam | 53 |
| 2 | Unit operation | PCG4/1 | Dr.V.D.Wagh | | S.Y.B.Pharm | 70 | | 68 |
| 3 | Hands on Training on analytical instruments | PC5/1 | Ms.S.S.Kakade | 15/7/19-24/8/19 | T.Y. B.Pharm | 33 | ➤ Practical Experiment ➤ Viva Voce | 31 |
| 4 | Care, Handling and use of Small Laboratory Animals | PL5/2 | Ms.Y.N.Nikumbh | | T.Y.B.Pharm | 31 | | 30 |
| 5 | Tablet Manufacturing | PH8/1 | Mrs.S.S.Malode | 13/1/20-22/2/20 | Final Year. B.pharm | 27 | ➤ MCQ Based Exam ➤ Practical Experiment ➤ Viva Voce | 25 |
| 6 | General Course on IPR | PH8/2 | Ms.H.B.Saindane | | Final Year. B.pharm | 25 | | 23 |
| Total | | | | | | 240 | | 230 |




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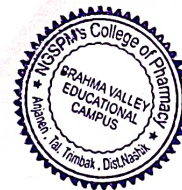


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Summary of Certificate / Add on Courses
A.Y. 2018-2019

| Sr. No. | Name of Certificate / Add on Course | Course Code | Name of Course Coordinator | Duration From-To (36 Hrs.) | Class | No.of Students Enrolled | Assessment Procedure | No of Students Completing the course |
|---------|--|-------------|----------------------------|----------------------------|---------------------|-------------------------|---|--------------------------------------|
| 1 | Communication Skills | CS 2/1 | Ms.P.T.Kare | 14/1/19-23/2/19 | F.Y.B.Pharm | 58 | ➤ MCQ Based Exam | 57 |
| 2 | Unit operation | PCG4/1 | Ms.P.V.Alai | | S.Y.B.Pharm | 62 | | 60 |
| 3 | Hands on Training on analytical instruments | PC5/1 | Ms.S.S.Kakade | 09/7/18 - 18/8/18 | T.Y.B.Pharm | 27 | ➤ Practical Experiment ➤ Viva Voce | 26 |
| 4 | Care, Handling and use of Small Laboratory Animals | PL5/2 | Mrs.Y.N.Nikumb | | T.Y.B.Pharm | 26 | | 25 |
| 5 | Tablet Manufacturing | PH8/1 | Mrs.S.S.Malode | 14/1/19 – 23/2/19 | Final Year. B.pharm | 29 | ➤ MCQ Based Exam ➤ Practical Experiment ➤ Viva Voce | 28 |
| 6 | General Course on IPR | PH8/2 | Ms.H.B.Saindane | | Final Year. B.pharm | 30 | | 29 |
| Total | | | | | | 232 | | 225 |



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**Summary of Certificate / Add on Courses
A.Y. 2017-2018**

| Sr. No. | Name of Certificate / Add on Course | Course Code | Name of Course Coordinator | Duration From-To (36 Hrs.) | Class | No.of Students Enrolled | Assessment Procedure | No of Students Completing the course |
|---------|--|-------------|----------------------------|----------------------------|---------------------|-------------------------|---------------------------------------|--------------------------------------|
| 1 | Unit operation | PCG4/1 | Ms. P.V. Alai | 8/1/18 - 17/2/18 | S.Y. B. Pharm | 60 | ➤ MCQ Based Exam | 58 |
| 2 | Hands on Training on analytical instruments | PC5/1 | Ms. S.S. Kakade | 10/7/17- 19/8/17 | T.Y.B.Pharm | 30 | ➤ Practical Experiment | 29 |
| 3 | Care, Handling and use of Small Laboratory Animals | PL5/2 | Mrs.Y.N. Nikumb | | T.Y.B.Pharm | 28 | ➤ Viva Voce | 26 |
| 4 | Tablet Manufacturing | PH8/1 | Mrs.S.S.Malode | 8/1/18 - 17/2/18 | Final Year. B.pharm | 20 | ➤ MCQ Based Exam | 19 |
| 5 | General Course on IPR | PH8/2 | Ms.H.B.Saindane | | Final Year. B.pharm | 20 | ➤ Practical Experiment ➤ Viva Voce | 18 |
| | | | | | Total | 158 | | 150 |



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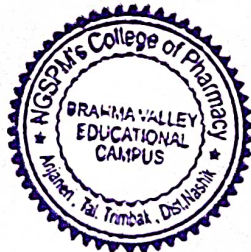
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**Summary Report of Certificate / Add on Course
2021-2022**

| | |
|--|--|
| Name of Certificate/Add on Course | Communication Skill (CS 2/1) |
| Name of Coordinator | Mr.Rohit.P.Mali (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/1/22- 26/2/22 |
| Brief Report | In this course of communication skill the emphasis was given on soft skills required to work cohesively with the team as a team player and will add value to the Pharmaceutical business. It has been imbibed in students regarding understanding the importance of effective communication personally and professionally. It was also taught how to express ideas fluently through conversation and how words, tone and posture to match the objective of their communication successfully. The focus was given to develop listening skill writing skills interview skills as well as presentation skills. The learning module (practical's) such as figure of speech ,email etiquette, pronunciation (constant sound) pronunciation (vowel sounds) meeting people, do's and don'ts where conducted using Orel Talk smart version and demo version of wordsworth English language lab software. |
| Objectives | To learn how to communicate more effectively at work and achieve your goals. Communication Skills is an essential and course designed to give both the tools you need to improve your communication skills, and the most successful strategies for using them to your advantages. |
| Outcomes | <ul style="list-style-type: none">▪ To understand the importance of effective communication, and how to harness the power of setting goals to improve your performance▪ To communicate effectively using the right medium, and use goal-setting to increase your productivity and boost your performance. |
| No.of Students Enrolled | 55 |
| No. of Beneficiary | 53 |

R.Ponali
In-charge



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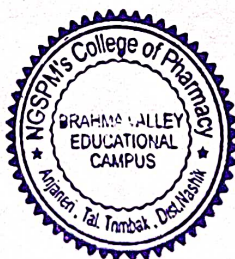
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**Summary Report of Certificate / Add on Course
2021-2022**

| | |
|--|---|
| Name of Certificate/Add on Course | Unit Operations (PCG4/1) |
| Name of Coordinator | Dr. Vijay.D.Wagh (Principal) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/1/22-26/2/22 |
| Brief Report | Demonstrated skill sets for various unit operations such as Various types distillation assembly set up, Rotary Vacuum evaporator, chromatography, extraction techniques, spray drying and Lyophilization with their pharmaceuticals applications. Towards the completion of this course, students should be able to understand the theoretical basis of unit operations and develop skill set in unit operations. Hands on training on Unit operations. |
| Objectives | Toward the completion of this module student should be able to understand the theoretical basis of unit operation and develop skill set and develop skill set unit operation |
| Outcomes | <ul style="list-style-type: none">▪ Apply the skill set for various unit operations.▪ Describe various type types unit operations used in laboratories.▪ Understand the theoretical basis of unit operations.▪ Acquire skill set required for setup of assembly for unit operation |
| No.of Students Enrolled | 72 |
| No. of Beneficiary | 70 |


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**Summary Report of Certificate / Add on Course
2021-2022**

| | |
|--|---|
| Name of Certificate/Add on Course | Hands on Training on Analytical Instruments (PC5/1) |
| Name of Coordinator | Mr.S.D.Bhandare (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 12/7/21- 21/8/21 |
| Brief Report | Hands on training on analytical instruments course provided adequate knowledge of the principle instrumentation and application of various analytical instruments such as UV spectrophotometer HPLC, DSC. Exposure was given to the student to develop the necessary skills to select a particular analytical technique to determine possible restrictions to select the most appropriate analytical methodologies to identify alternative to compare the advantages and disadvantages of each one and to develop a critical reasoning about the analytical results. |
| Objectives | <ul style="list-style-type: none">▪ To provide an adequate knowledge of the principle instrumentation and application of common analytical technique separation methods.▪ To provide the necessary skills to enable students to select a particular analytical technique to determine possible restriction to select the most appropriate analytical methodologies to identify alternative integers and disadvantages of each one and to develop critical reasoning about the analytical results. |
| Outcomes | <ul style="list-style-type: none">▪ Acquire practical analytical skill and employ a variety of instrumental technique for the analysis of sample in various format and from various matrices.▪ Assess the suitability of the instrumental method for the analysis of sample in various format and complex matrices.▪ Analyse and present experimental results and conclusion based and experimental evidence |
| No.of Students Enrolled | 36 |
| No. of Beneficiary | 34 |

S.D. Bhandare
In-Charge



V.V. Bhandare
Principal
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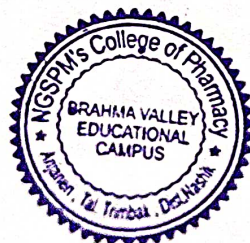
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Summary Report of Certificate / Add on Course 2021-2022

| | |
|--|---|
| Name of Certificate/Add on Course | Care, Handling and use of small Laboratory Animals (PL5/2) |
| Name of Coordinator | Mr.P.T.Deshmukh (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 12/7/21- 21/8/21 |
| Brief Report | Course inculcated compassionate care, efficient handling and proficient use of the small laboratory animals among learner. On successful completion of this course, a students expected to perform, humanely care for small laboratory animals; effectively handle small laboratory animals and competently use basic techniques in animal experimentation (viz Dosing , blood withdrawal etc.) |
| Objectives | <ul style="list-style-type: none">▪ To develop knowledge and skill for handling small laboratory animals.▪ To acquaint students with concept and knowledge of humane care of laboratory animals▪ To inculcate students with knowledge and skills of basic techniques in animal experimentation (viz. of dosing of drug by different route of administration, blood withdrawal etc.) |
| Outcomes | <ul style="list-style-type: none">▪ Humanely care for small laboratory animals.▪ Effectively handle small Laboratory animals.▪ Competently use basic techniques in animal experimentation (viz dosing, blood withdrawal etc) |
| No.of Students Enrolled | 35 |
| No. of Beneficiary | 33 |

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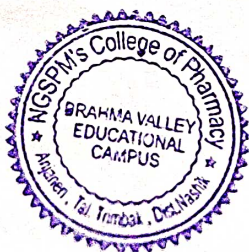
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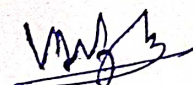
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**Summary Report of Certificate / Add on Course
2021-2022**

| | |
|--|--|
| Name of Certificate/Add on Course | Tablet Manufacturing (PH8/1) |
| Name of Coordinator | Mrs.H.S.Ishi ((Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/1/22-26/2/22 |
| Brief Report | <p>Almost all pharmaceutical industries manufacture tablets and although it looks simple, tablet manufacturing is considered as the most difficult dosage form manufacture without any defect. Thus it is very important that the B.Pharm graduate should have hands of experience on tablet manufacturing machine along with in depth theoretical knowledge.</p> <p>In view of this, the course is design in such a way that the students get in depth knowledge of working ,maintenance and operation of tablet manufacturing machine selection of compatible additives, preparation of granules and evaluation for pre-compression parameters ,various tablet defects, coating of tablet and in vitro evaluation of prepared tablet to understand drug release mechanism and Kinetics of drug release</p> |
| Objectives | To provide hands on exposure to the individual students in tablet manufacturing and in vitro evaluation of tablets. |
| Outcomes | Hands on experience to individual students in tablet manufacturing, understanding various tablet defects, measures taken to overcome tablet defects if any and in vitro evaluation of the prepared tablet in addition to in depth theoretical knowledge in order to boost up their confidence and making them industry ready graduates. |
| No.of Students Enrolled | 39 |
| No. of Beneficiary | 35 |


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Summary Report of Certificate / Add on Course

2021-2022

| | |
|--|---|
| Name of Certificate/Add on Course | General Course on IPR (PH8/2) |
| Name of Coordinator | Ms.S.S.Gaikwad (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/1/22- 26/2/22 |
| Brief Report | General course on intellectual property right (IPRs) are provided a platform for students to gain practical knowledge about it and it's important for innovation and growth of business. It also provided the technical and professional skills in knowledge and understanding of the subject through research based approach for learning through case studies. Course provided inclusive knowledge about IPRs, its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field. Course give in-depth knowledge of the laws and process related to Patents, Copyright and other form of IPRs, the Indian and international patent filing procedure, drafting patent application and conducting prior art searches. |
| Objectives | To provide in-depth knowledge of the laws and process related to patent , Trademark, Copyright and other forms of IPS the Indian and international patent filing procedure ,drafting patent application and conducting prior art searches. Students will be exposed to the technical, management and legal aspects of IP and Patents. |
| Outcomes | Course provides inclusive knowledge about IPR its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field |
| No.of Students Enrolled | 37 |
| No. of Beneficiary | 35 |

S.S. Gaikwad

In-charge



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Summary Report of Certificate / Add on Course
2020-2021

| | |
|--|---|
| Name of Certificate/Add on Course | Hands on Training on Analytical Instruments (PC5/1) |
| Name of Coordinator | Mr.S.D.Bhandare (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/8/20- 26/9/20 |
| Brief Report | Hands on training on analytical instruments course provided adequate knowledge of the principle instrumentation and application of various analytical instruments such as UV spectrophotometer HPLC, DSC. Exposure was given to the student to develop the necessary skills to select a particular analytical technique to determine possible restrictions to select the most appropriate analytical methodologies to identify alternative to compare the advantages and disadvantages of each one and to develop a critical reasoning about the analytical results. |
| Objectives | <ul style="list-style-type: none">▪ To provide an adequate knowledge of the principle instrumentation and application of common analytical technique separation methods.▪ To provide the necessary skills to enable students to select a particular analytical technique to determine possible restriction to select the most appropriate analytical methodologies to identify alternative integers and disadvantages of each one and to develop critical reasoning about the analytical results. |
| Outcomes | <ul style="list-style-type: none">▪ Acquire practical analytical skill and employ a variety of instrumental technique for the analysis of sample in various format and from various matrices.▪ Assess the suitability of the instrumental method for the analysis of sample in various format and complex matrices.▪ Analyse and present experimental results and conclusion based and experimental evidence |
| No.of Students Enrolled | 40 |
| No. of Beneficiary | 38 |

S.D. Bhandare
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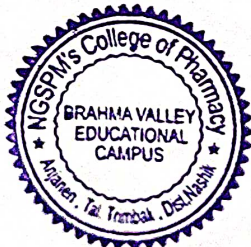
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Summary Report of Certificate / Add on Course 2020-2021

| | |
|--|---|
| Name of Certificate/Add on Course | Care, Handling and use of small Laboratory Animals (PL5/2) |
| Name of Coordinator | Mr.P.T.Deshmukh (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 17/8/20- 26/9/20 |
| Brief Report | Course inculcated compassionate care, efficient handling and proficient use of the small laboratory animals among learner. On successful completion of this course, a students expected to perform, humanely care for small laboratory animals; effectively handle small laboratory animals and competently use basic techniques in animal experimentation (viz Dosing , blood withdrawal etc.) |
| Objectives | <ul style="list-style-type: none">▪ To develop knowledge and skill for handling small laboratory animals.▪ To acquaint students with concept and knowledge of humane care of laboratory animals▪ To inculcate students with knowledge and skills of basic techniques in animal experimentation (viz. of dosing of drug by different route of administration, blood withdrawal etc.) |
| Outcomes | <ul style="list-style-type: none">▪ Humanely care for small laboratory animals.▪ Effectively handle small Laboratory animals.▪ Competently use basic techniques in animal experimentation (viz dosing, blood withdrawal etc) |
| No.of Students Enrolled | 340 |
| No. of Beneficiary | 39 |

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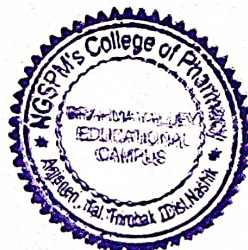
Summary Report of Certificate / Add on Course

2020-2021

| | |
|--|---|
| Name of Certificate/Add on Course | General Course on IPR (PH8/2) |
| Name of Coordinator | Ms.S.S.Gaikwad (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 25/1/21- 6/3/21 |
| Brief Report | General course on intellectual property right (IPRs) are provided a platform for students to gain practical knowledge about it and it's important for innovation and growth of business. It also provided the technical and professional skills in knowledge and understanding of the subject through research based approach for learning through case studies. Course provided inclusive knowledge about IPRs, its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field. Course give in-depth knowledge of the laws and process related to Patents, Copyright and other form of IPRs, the Indian and international patent filing procedure, drafting patent application and conducting prior art searches. |
| Objectives | To provide in-depth knowledge of the laws and process related to patent ,Trademark, Copyright and other forms of IPS the Indian and international patent filing procedure ,drafting patent application and conducting prior art searches. Students will be exposed to the technical, management and legal aspects of IP and Patents. |
| Outcomes | Course provides inclusive knowledge about IPR its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field |
| No.of Students Enrolled | 68 |
| No. of Beneficiary | 67 |

S.S. Gaikwad

In-charge



M. S. Gaikwad

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DETAILS OF CERTIFICATE /ADD-ON COURSES

ACADEMIC YEAR-2019-20

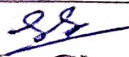
**(Summary of Add-on Courses, Notice
Brochure, List of Students Enrolled,
Attendance, Specimen Certificates)**

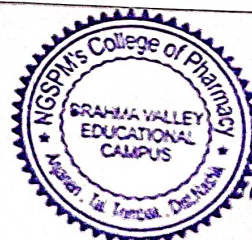


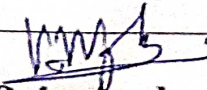
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Anjaneri, Nashik – 422 213
Phone No. : (02594) 220146, 220147

**Summary Report of Certificate / Add on Course
2019-2020**

| | |
|--|---|
| Name of Certificate/Add on Course | Hands on Training on Analytical Instruments (PC5/1) |
| Name of Coordinator | Ms.S.S.Kakade (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 10/7/17 – 19/8/17 |
| Brief Report | Hands on training on analytical instruments course provided adequate knowledge of the principle instrumentation and application of various analytical instruments such as UV spectrophotometer HPLC, DSC. Exposure was given to the student to develop the necessary skills to select a particular analytical technique to determine possible restrictions to select the most appropriate analytical methodologies to identify alternative to compare the advantages and disadvantages of each one and to develop a critical reasoning about the analytical results. |
| Objectives | <ul style="list-style-type: none">▪ To provide an adequate knowledge of the principle instrumentation and application of common analytical technique separation methods.▪ To provide the necessary skills to enable students to select a particular analytical technique to determine possible restriction to select the most appropriate analytical methodologies to identify alternative integers and disadvantages of each one and to develop critical reasoning about the analytical results. |
| Outcomes | <ul style="list-style-type: none">▪ Acquire practical analytical skill and employ a variety of instrumental technique for the analysis of sample in various format and from various matrices.▪ Assess the suitability of the instrumental method for the analysis of sample in various format and complex matrices.▪ Analyse and present experimental results and conclusion based and experimental evidence |
| No.of Students Enrolled | 30 |
| No. of Beneficiary | 29 |


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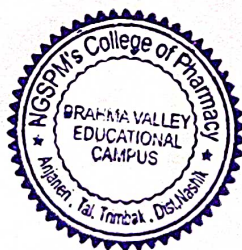
Established in 2006-07

Summary Report of Certificate / Add on Course
2019-2020

| | |
|--|--|
| Name of Certificate/Add on Course | Communication Skill (CS 2/1) |
| Name of Coordinator | Mr.Rohit.P.Mali (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 13/1/21- 22/2/20 |
| Brief Report | In this course of communication skill the emphasis was given on soft skills required to work cohesively with the team as a team player and will add value to the Pharmaceutical business. It has been imbibed in students regarding understanding the importance of effective communication personally and professionally. It was also taught how to express ideas fluently through conversation and how words, tone and posture to match the objective of their communication successfully. The focus was given to develop listening skill writing skills interview skills as well as presentation skills. The learning module (practical's) such as figure of speech ,email etiquette, pronunciation (constant sound) pronunciation (vowel sounds) meeting people, do's and don'ts where conducted using Orel Talk smart version and demo version of wordsworth English language lab software. |
| Objectives | To learn how to communicate more effectively at work and achieve your goals. Communication Skills is an essential and course designed to give both the tools you need to improve your communication skills, and the most successful strategies for using them to your advantages. |
| Outcomes | <ul style="list-style-type: none">▪ To understand the importance of effective communication, and how to harness the power of setting goals to improve your performance▪ To communicate effectively using the right medium, and use goal-setting to increase your productivity and boost your performance. |
| No.of Students Enrolled | 54 |
| No. of Beneficiary | 53 |

R.Mali

In-charge



Mali

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Summary Report of Certificate / Add on Course

2019-2020

| | |
|--|---|
| Name of Certificate/Add on Course | Unit Operations (PCG4/1) |
| Name of Coordinator | Ms. P.V.Alai NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 13/1/20 – 22/2/20 |
| Brief Report | Demonstrated skill sets for various unit operations such as Various types distillation assembly set up, Rotary Vacuum evaporator, chromatography, extraction techniques, spray drying and Lyophilization with their pharmaceuticals applications. Towards the completion of this course, students should be able to understand the theoretical basis of unit operations and develop skill set in unit operations. Hands on training on Unit operations. |
| Objectives | Toward the completion of this module student should be able to understand the theoretical basis of unit operation and develop skill set and develop skill set unit operation |
| Outcomes | <ul style="list-style-type: none">▪ Apply the skill set for various unit operations.▪ Describe various type types unit operations used in laboratories.▪ Understand the theoretical basis of unit operations.▪ Acquire skill set required for setup of assembly for unit operation |
| No.of Students Enrolled | 70 |
| No. of Beneficiary | 68 |

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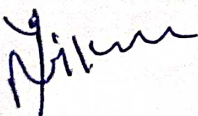
Anjaneri, Nashik – 422 213

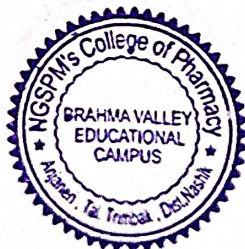
Phone No. : (02594) 220146, 220147

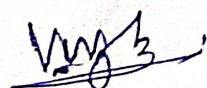
Established in 2006-07

**Summary Report of Certificate / Add on Course
2019-2020**

| | |
|--|---|
| Name of Certificate/Add on Course | Care, Handling and use of small Laboratory Animals (PL5/2) |
| Name of Coordinator | Ms.Y.N.Nikumbh (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 15/7/19- 24/8/19 |
| Brief Report | Course inculcated compassionate care, efficient handling and proficient use of the small laboratory animals among learner. On successful completion of this course, a students expected to perform, humanely care for small laboratory animals; effectively handle small laboratory animals and competently use basic techniques in animal experimentation (viz Dosing , blood withdrawal etc.) |
| Objectives | <ul style="list-style-type: none">▪ To develop knowledge and skill for handling small laboratory animals.▪ To acquaint students with concept and knowledge of humane care of laboratory animals▪ To inculcate students with knowledge and skills of basic techniques in animal experimentation (viz. of dosing of drug by different route of administration, blood withdrawal etc.) |
| Outcomes | <ul style="list-style-type: none">▪ Humanely care for small laboratory animals.▪ Effectively handle small Laboratory animals.▪ Competently use basic techniques in animal experimentation (viz dosing, blood withdrawal etc) |
| No.of Students Enrolled | 31 |
| No. of Beneficiary | 30 |


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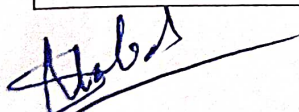
Anjaneri, Nashik – 422 213

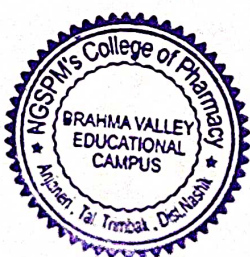
Phone No. : (02594) 220146, 220147

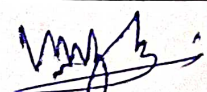
Established in 2006-07

Summary Report of Certificate / Add on Course 2019-2020

| | |
|--|--|
| Name of Certificate/Add on Course | Tablet Manufacturing (PH8/1) |
| Name of Coordinator | Mrs.S.S.Malode (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 13/1/20- 22/2/20 |
| Brief Report | <p>Almost all pharmaceutical industries manufacture tablets and although it looks simple, tablet manufacturing is considered as the most difficult dosage form manufacture without any defect. Thus it is very important that the B.Pharm graduate should have hands of experience on tablet manufacturing machine along with in depth theoretical knowledge.</p> <p>In view of this, the course is design in such a way that the students get in depth knowledge of working ,maintenance and operation of tablet manufacturing machine selection of compatible additives, preparation of granules and evaluation for pre-compression parameters ,various tablet defects, coating of tablet and in vitro evaluation of prepared tablet to understand drug release mechanism and Kinetics of drug release</p> |
| Objectives | To provide hands on exposure to the individual students in tablet manufacturing and in vitro evaluation of tablets. |
| Outcomes | Hands on experience to individual students in tablet manufacturing, understanding various tablet defects, measures taken to overcome tablet defects if any and in vitro evaluation of the prepared tablet in addition to in depth theoretical knowledge in order to boost up their confidence and making them industry ready graduates. |
| No.of Students Enrolled | 27 |
| No. of Beneficiary | 25 |


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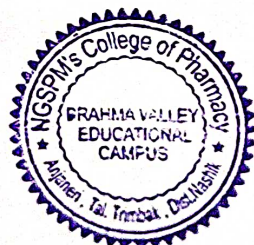
Established in 2006-07

Summary Report of Certificate / Add on Course

2019-2020

| | |
|--|---|
| Name of Certificate/Add on Course | General Course on IPR (PH8/2) |
| Name of Coordinator | Ms. H.B.Saindane (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 13/1/20- 22/2/20 |
| Brief Report | General course on intellectual property right (IPRs) are provided a platform for students to gain practical knowledge about it and it's important for innovation and growth of business. It also provided the technical and professional skills in knowledge and understanding of the subject through research based approach for learning through case studies. Course provided inclusive knowledge about IPRs, its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field. Course give in-depth knowledge of the laws and process related to Patents, Copyright and other form of IPRs, the Indian and international patent filing procedure, drafting patent application and conducting prior art searches. |
| Objectives | To provide in-depth knowledge of the laws and process related to patent ,Trademark, Copyright and other forms of IPS the Indian and international patent filing procedure ,drafting patent application and conducting prior art searches. Students will be exposed to the technical, management and legal aspects of IP and Patents. |
| Outcomes | Course provides inclusive knowledge about IPR its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field |
| No.of Students Enrolled | 25 |
| No. of Beneficiary | 23 |

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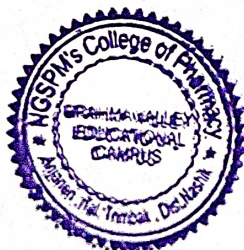
Phone No. : (02594) 220146, 220147

Established in 2006-07

Summary Report of Certificate / Add on Course 2018-2019

| | |
|-----------------------------------|--|
| Name of Certificate/Add on Course | Communication Skill (CS 2/1) |
| Name of Coordinator | Ms.P.T.Kare (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 14/1/19- 23/2/19 |
| Brief Report | In this course of communication skill the emphasis was given on soft skills required to work cohesively with the team as a team player and will add value to the Pharmaceutical business. It has been imbibed in students regarding understanding the importance of effective communication personally and professionally. It was also taught how to express taught how to express ideas fluently through conversation and how words, tone and posture to match the objective of their communication successfully. The focus was given to develop listening skill writing skills interview skills as well as presentation skills. The learning module (practical's) such as figure of speech ,email etiquette, pronunciation (constant sound) pronunciation (vowel sounds) meeting people, do's and don'ts where conducted using Orel Talk smart version and demo version of wordsworth English language lab software. |
| Objectives | To learn how to communicate more effectively at work and achieve your goals. Communication Skills is an essential and course designed to give both the tools you need to improve your communication skills, and the most successful strategies for using them to your advantages. |
| Outcomes | <ul style="list-style-type: none">▪ To understand the importance of effective communication, and how to harness the power of setting goals to improve your performance▪ To communicate effectively using the right medium, and use goal-setting to increase your productivity and boost your performance. |
| No.of Students Enrolled | 58 |
| No. of Beneficiary | 57 |

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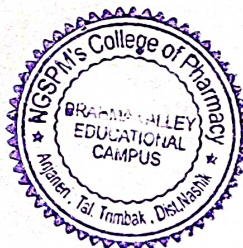
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Established in 2006-07

**Summary Report of Certificate / Add on Course
2018-2019**

| | |
|--|---|
| Name of Certificate/Add on Course | Unit Operations (PCG4/1) |
| Name of Coordinator | Ms.P.V.Alai (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 14/1/19 – 23/2/19 |
| Brief Report | Demonstrated skill sets for various unit operations such as Various types distillation assembly set up, Rotary Vacuum evaporator, chromatography, extraction techniques, spray drying and Lyophilization with their pharmaceuticals applications. Towards the completion of this course, students should be able to understand the theoretical basis of unit operations and develop skill set in unit operations. Hands on training on Unit operations. |
| Objectives | Toward the completion of this module student should be able to understand the theoretical basis of unit operation and develop skill set and develop skill set unit operation |
| Outcomes | <ul style="list-style-type: none">▪ Apply the skill set for various unit operations.▪ Describe various type types unit operations used in laboratories.▪ Understand the theoretical basis of unit operations.▪ Acquire skill set required for setup of assembly for unit operation |
| No.of Students Enrolled | 62 |
| No. of Beneficiary | 60 |


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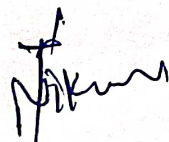
Anjaneri, Nashik – 422 213

Phone No. : (02594) 220146, 220147


Established in 2006-07

Summary Report of Certificate / Add on Course
2018-2019

| | |
|-----------------------------------|---|
| Name of Certificate/Add on Course | Care, Handling and use of small Laboratory Animals (PL5/2) |
| Name of Coordinator | Ms.Y.N.Nikumbh (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 9/7/18- 18/8/18 |
| Brief Report | Course inculcated compassionate care, efficient handling and proficient use of the small laboratory animals among learner. On successful completion of this course, a students expected to perform, humanely care for small laboratory animals; effectively handle small laboratory animals and competently use basic techniques in animal experimentation (viz Dosing , blood withdrawal etc.) |
| Objectives | <ul style="list-style-type: none">▪ To develop knowledge and skill for handling small laboratory animals.▪ To acquaint students with concept and knowledge of humane care of laboratory animals▪ To inculcate students with knowledge and skills of basic techniques in animal experimentation (viz. of dosing of drug by different route of administration, blood withdrawal etc.) |
| Outcomes | <ul style="list-style-type: none">▪ Humanely care for small laboratory animals.▪ Effectively handle small Laboratory animals.▪ Competently use basic techniques in animal experimentation (viz dosing, blood withdrawal etc) |
| No.of Students Enrolled | 36 |
| No. of Beneficiary | 25 |


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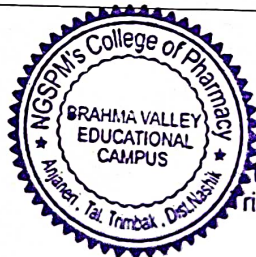


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**Summary Report of Certificate / Add on Course
2018-2019**

| | |
|--|---|
| Name of Certificate/Add on Course | Hands on Training on Analytical Instruments (PC5/1) |
| Name of Coordinator | Ms.S.S.Kakade (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 9/7/18 – 18/8/18 |
| Brief Report | Hands on training on analytical instruments course provided adequate knowledge of the principle instrumentation and application of various analytical instruments such as UV spectrophotometer HPLC, DSC. Exposure was given to the student to develop the necessary skills to select a particular analytical technique to determine possible restrictions to select the most appropriate analytical methodologies to identify alternative to compare the advantages and disadvantages of each one and to develop a critical reasoning about the analytical results. |
| Objectives | <ul style="list-style-type: none">▪ To provide an adequate knowledge of the principle instrumentation and application of common analytical technique separation methods.▪ To provide the necessary skills to enable students to select a particular analytical technique to determine possible restriction to select the most appropriate analytical methodologies to identify alternative integers and disadvantages of each one and to develop critical reasoning about the analytical results. |
| Outcomes | <ul style="list-style-type: none">▪ Acquire practical analytical skill and employ a variety of instrumental technique for the analysis of sample in various format and from various matrices.▪ Assess the suitability of the instrumental method for the analysis of sample in various format and complex matrices.▪ Analyse and present experimental results and conclusion based and experimental evidence |
| No.of Students Enrolled | 27 |
| No. of Beneficiary | 26 |


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**Summary Report of Certificate / Add on Course
2018-2019**

| | |
|--|--|
| Name of Certificate/Add on Course | Tablet Manufacturing (PH8/1) |
| Name of Coordinator | Mrs.S.S.Malode(Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 14/1/19- 23/2/19 |
| Brief Report | <p>Almost all pharmaceutical industries manufacture tablets and although it looks simple, tablet manufacturing is considered as the most difficult dosage form manufacture without any defect. Thus it is very important that the B.Pharm graduate should have hands of experience on tablet manufacturing machine along with in depth theoretical knowledge.</p> <p>In view of this, the course is design in such a way that the students get in depth knowledge of working ,maintenance and operation of tablet manufacturing machine selection of compatible additives, preparation of granules and evaluation for pre-compression parameters ,various tablet defects, coating of tablet and in vitro evaluation of prepared tablet to understand drug release mechanism and Kinetics of drug release</p> |
| Objectives | To provide hands on exposure to the individual students in tablet manufacturing and in vitro evaluation of tablets. |
| Outcomes | Hands on experience to individual students in tablet manufacturing, understanding various tablet defects, measures taken to overcome tablet defects if any and in vitro evaluation of the prepared tablet in addition to in depth theoretical knowledge in order to boost up their confidence and making them industry ready graduates. |
| No.of Students Enrolled | 29 |
| No. of Beneficiary | 28 |


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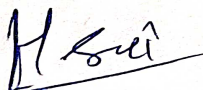
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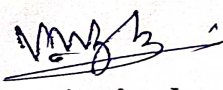
Summary Report of Certificate / Add on Course

2018-2019

| | |
|--|---|
| Name of Certificate/Add on Course | General Course on IPR (PH8/2) |
| Name of Coordinator | Ms.H.B.Saindane (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 14/1/19 -23/2/19 |
| Brief Report | General course on intellectual property right (IPRs) are provided a platform for students to gain practical knowledge about it and it's important for innovation and growth of business. It also provided the technical and professional skills in knowledge and understanding of the subject through research based approach for learning through case studies. Course provided inclusive knowledge about IPRs, its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field. Course give in-depth knowledge of the laws and process related to Patents, Copyright and other form of IPRs, the Indian and international patent filing procedure, drafting patent application and conducting prior art searches. |
| Objectives | To provide in-depth knowledge of the laws and process related to patent ,Trademark, Copyright and other forms of IPS the Indian and international patent filing procedure ,drafting patent application and conducting prior art searches. Students will be exposed to the technical, management and legal aspects of IP and Patents. |
| Outcomes | Course provides inclusive knowledge about IPR its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field |
| No.of Students Enrolled | 30 |
| No. of Beneficiary | 29 |


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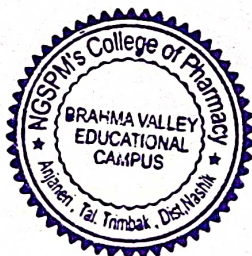
Phone No. : (02594) 220146, 220147

Established in 2006-07

Summary Report of Certificate / Add on Course
2017-2018

| | |
|--|---|
| Name of Certificate/Add on Course | Unit Operations (PCG4/1) |
| Name of Coordinator | Ms.P.V.Alai (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 8/1/18- 17/2/18 |
| Brief Report | Demonstrated skill sets for various unit operations such as Various types distillation assembly set up, Rotary Vacuum evaporator, chromatography, extraction techniques, spray drying and Lyophilization with their pharmaceuticals applications. Towards the completion of this course, students should be able to understand the theoretical basis of unit operations and develop skill set in unit operations. Hands on training on Unit operations. |
| Objectives | Toward the completion of this module student should be able to understand the theoretical basis of unit operation and develop skill set and develop skill set unit operation |
| Outcomes | <ul style="list-style-type: none">▪ Apply the skill set for various unit operations.▪ Describe various type types unit operations used in laboratories.▪ Understand the theoretical basis of unit operations.▪ Acquire skill set required for setup of assembly for unit operation |
| No.of Students Enrolled | 60 |
| No. of Beneficiary | 58 |

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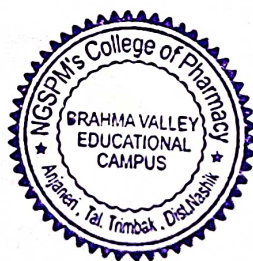


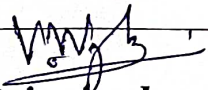
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Phone No. : (02594) 220146, 220147

Summary Report of Certificate / Add on Course
2017-2018

| | |
|--|---|
| Name of Certificate/Add on Course | Hands on Training on Analytical Instruments (PC5/1) |
| Name of Coordinator | Ms.S.S.Kakade (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 15/7/19- 24/8/19 |
| Brief Report | Hands on training on analytical instruments course provided adequate knowledge of the principle instrumentation and application of various analytical instruments such as UV spectrophotometer HPLC, DSC. Exposure was given to the student to develop the necessary skills to select a particular analytical technique to determine possible restrictions to select the most appropriate analytical methodologies to identify alternative to compare the advantages and disadvantages of each one and to develop a critical reasoning about the analytical results. |
| Objectives | <ul style="list-style-type: none">▪ To provide an adequate knowledge of the principle instrumentation and application of common analytical technique separation methods.▪ To provide the necessary skills to enable students to select a particular analytical technique to determine possible restriction to select the most appropriate analytical methodologies to identify alternative integers and disadvantages of each one and to develop critical reasoning about the analytical results. |
| Outcomes | <ul style="list-style-type: none">▪ Acquire practical analytical skill and employ a variety of instrumental technique for the analysis of sample in various format and from various matrices.▪ Assess the suitability of the instrumental method for the analysis of sample in various format and complex matrices.▪ Analyse and present experimental results and conclusion based and experimental evidence |
| No.of Students Enrolled | 33 |
| No. of Beneficiary | 31 |


In-Charge




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NSGPM's College of Pharmacy
Brahma Valley Educational Campus
Trimbak Road, Anjaneri, Nashik-422 213



Established in 2006-07

GRAMIN SHIKSHAN PRASARAK MANDAL'S
College of Pharmacy
BRAHMA VALLEY EDUCATIONAL CAMPUS

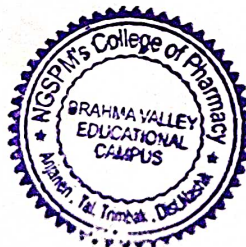
Anjaneri, Nashik – 422 213
Phone No. : (02594) 220146, 220147

Summary Report of Certificate / Add on Course
2017-2018

| | |
|--|---|
| Name of Certificate/Add on Course | Care, Handling and use of small Laboratory Animals (PL5/2) |
| Name of Coordinator | Ms.Y.N.Nikumb (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 10/7/17 – 19/8/17 |
| Brief Report | Course inculcated compassionate care, efficient handling and proficient use of the small laboratory animals among learner. On successful completion of this course, a students expected to perform, humanely care for small laboratory animals; effectively handle small laboratory animals and competently use basic techniques in animal experimentation (viz Dosing , blood withdrawal etc.) |
| Objectives | <ul style="list-style-type: none">▪ To develop knowledge and skill for handling small laboratory animals.▪ To acquaint students with concept and knowledge of humane care of laboratory animals▪ To inculcate students with knowledge and skills of basic techniques in animal experimentation (viz. of dosing of drug by different route of administration, blood withdrawal etc.) |
| Outcomes | <ul style="list-style-type: none">▪ Humanely care for small laboratory animals.▪ Effectively handle small Laboratory animals.▪ Competently use basic techniques in animal experimentation (viz dosing, blood withdrawal etc) |
| No.of Students Enrolled | 28 |
| No. of Beneficiary | 26 |

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Summary Report of Certificate / Add on Course
2017-2018

| | |
|--|--|
| Name of Certificate/Add on Course | Tablet Manufacturing (PH8/1) |
| Name of Coordinator | Mrs.S.S.Malode ((Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 8/1/18- 17/2/18 |
| Brief Report | <p>Almost all pharmaceutical industries manufacture tablets and although it looks simple, tablet manufacturing is considered as the most difficult dosage form manufacture without any defect. Thus it is very important that the B.Pharm graduate should have hands of experience on tablet manufacturing machine along with in depth theoretical knowledge.</p> <p>In view of this, the course is design in such a way that the students get in depth knowledge of working ,maintenance and operation of tablet manufacturing machine selection of compatible additives, preparation of granules and evaluation for pre-compression parameters ,various tablet defects, coating of tablet and in vitro evaluation of prepared tablet to understand drug release mechanism and Kinetics of drug release</p> |
| Objectives | To provide hands on exposure to the individual students in tablet manufacturing and in vitro evaluation of tablets. |
| Outcomes | Hands on experience to individual students in tablet manufacturing, understanding various tablet defects, measures taken to overcome tablet defects if any and in vitro evaluation of the prepared tablet in addition to in depth theoretical knowledge in order to boost up their confidence and making them industry ready graduates. |
| No.of Students Enrolled | 20 |
| No. of Beneficiary | 19 |


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NASHIK GRAMIN SHIKSHAN PRASARAK MANDAL'S

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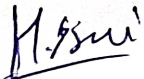
Phone No. : (02594) 220146, 220147

Established in 2006-07


Summary Report of Certificate / Add on Course

2017-2018

| | |
|--|---|
| Name of Certificate/Add on Course | General Course on IPR (PH8/2) |
| Name of Coordinator | Ms.H.B.Saindane (Assistant Professor) NGSPMs College of Pharmacy, Anjaneri Nashik |
| Duration of Activity | 8/1/18- 17/2/18 |
| Brief Report | General course on intellectual property right (IPRs) are provided a platform for students to gain practical knowledge about it and it's important for innovation and growth of business. It also provided the technical and professional skills in knowledge and understanding of the subject through research based approach for learning through case studies. Course provided inclusive knowledge about IPRs, its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field. Course give in-depth knowledge of the laws and process related to Patents, Copyright and other form of IPRs, the Indian and international patent filing procedure, drafting patent application and conducting prior art searches. |
| Objectives | To provide in-depth knowledge of the laws and process related to patent ,Trademark, Copyright and other forms of IPS the Indian and international patent filing procedure ,drafting patent application and conducting prior art searches. Students will be exposed to the technical, management and legal aspects of IP and Patents. |
| Outcomes | Course provides inclusive knowledge about IPR its role in the R & D sector towards evolution and development of Science and Technology and elaborate on the emerging trends in the legal technical and business issues associated to the IP field |
| No.of Students Enrolled | 20 |
| No. of Beneficiary | 18 |


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