



J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.
Website : www.jkkmmrfpharmacy.edu.in |E-Mail : principal@jkkmmrfpharmacy.edu.in
Contact No. : +919789456750, +919943069944, +919943066944

| ADD ON COURSE | GREEN CELL FACTORIES |
|---------------|-------------------------|
| DEPARTMENT | PHARMACOGNOSY |
| ACADEMIC YEAR | 2021-2022 |
| DATE | 10.03.2022 – 23.03.2022 |
| VENUE | SEMINAR HALL |

REPORT

RESOURCE PERSONS

Dr. V. Suresh, M.Pharm., Ph.D

Professor and Head, JKKMMRF's AnnaiJKK
Sampoorani Ammal College of Pharmacy,
Komarapalayam.

Dr. P. Satheesh Kumar, M.Pharm

Associate professor, JKKMMRF's Annai JKK
Sampoorani Ammal College of Pharmacy,
Komarapalayam

No. of Students Enrolled : 66

No of Students Certified :65

Objectives :

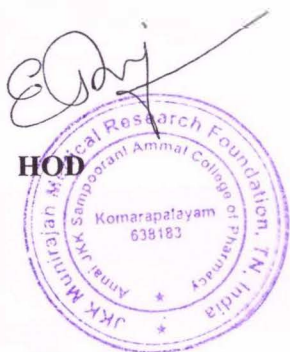
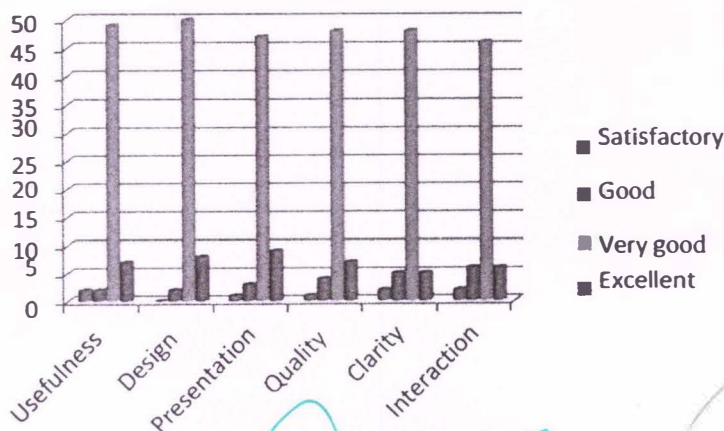
The objective of the course is to provides the knowledge on plants have been utilized as areliable source. It provides the conceptual framework for developing a new strategies and new scientific perspectives which may improve future global food and health care products.

Learning outcomes :

- Provide a substantial reservoir of bio molecules, cellular functions and physiological characteristics.
- Create custom designed medicinal plants with different secondary metabolite profiles. The students

were actively participated in these course and gained knowledge.

Student feedback analysis



Dr. N. Senthilkumar,
PRINCIPAL
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ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT, TAMILNADU, INDIA.

Principal
Dr. N. Senthilkumar,
PRINCIPAL
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REF.NO: JKKM/PH-COGNOSY /REQ/2022/010

Date: 02.03.2022

From

Department of Pharmacognosy,
JKKMMRF'S Annai JKK Sampoarani Ammal College of Pharmacy,
Komarapalayam, Namakkal [Dist],
Tamil Nadu, PIN: 638183.

To

The Principal,
JKKMMRF'S Annai JKK Sampoarani Ammal College of Pharmacy,
Komarapalayam, Namakkal [Dist],
Tamil Nadu, PIN:638183.

Subject: Requesting Permission to conduct Value added course - regarding.

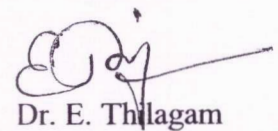
Respected Sir,

With due respect, we humbly request you to grant permission to conduct a Value added course on **Green Cell Factories** during **10.03.2022 to 23.03.2022** in the Seminar Hall. It will be a very informative course for our students.

Kindly do the needful. We will be grateful to you sir.

Thank you

Yours sincerely,



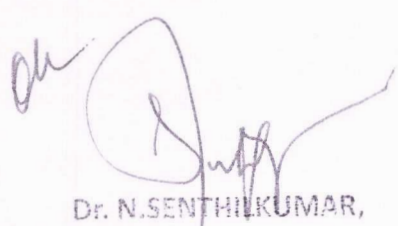
Dr. E. Thilagam

Signature of HOD.




Dr. N.SENTHILKUMAR,
PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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Dr. N.SENTHILKUMAR,
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CIRCULAR

This is inform to the B.PHARM (II, III AND IV), B.PHARM (I and II SEM) and PHARM.D (I - VI) Students that the following value added course can be conducted by the Department of Pharmacognosy, JKKMMRF's ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY and it will be commenced as per the schedule:

| Course Name | Schedule | Duration | Venue |
|-------------------------|--------------------------------|----------|--------------|
| Green Cell Factories | 10.03.2022 To 23.03.2022 | 30 HRS | Seminar Hall |

All the above mentioned students must enrol and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.



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| ADDONCOURSE | GREENCELL FACTORIES |
|--------------|-----------------------|
| DEPARTMENT | PHARMACOGNOSY |
| ACADEMICYEAR | 2021-2022 |
| DATE | 10.03.2022–23.03.2022 |
| VENUE | SEMINAR HALL |

SYLLABUS

| DATE | TOPIC | TIME | DURATION | RESOURCE PERSON |
|------------|-----------------------------------------|---------------|--------------|----------------------|
| 10/03/2022 | Green cell interior designing | 9.00 -10.30AM | 1Hr &30 mins | Dr.P. Satheesh kumar |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Diversity & Biology of plants | 1.30-3.00PM | 1Hr &30 mins | |
| | | 3.15-4.45PM | 1Hr &30 mins | |
| 14/03/2022 | Ecop harmacognosy | 9.00 -10.30AM | 1Hr &30 mins | |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Algae Biotechnology | 1.30-3.00PM | 1Hr &30 mins | |
| | | 3.15-4.45PM | 1Hr &30 mins | |
| 17/03/2022 | Genetic engineering in medicinal plants | 9.00 -10.30AM | 1Hr &30 mins | |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Vectors for introducing genes in plants | 1.30-3.00PM | 1Hr &30 mins | |
| | | 3.15-4.45PM | 1Hr &30 mins | |
| 19/03/2022 | Horticulture & Gardening | 9.00 -10.30AM | 1Hr &30 mins | |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Landscaping– Ornamental gardening | 1.30-3.00PM | 1Hr &30 mins | |
| | | 3.15-4.45PM | 1Hr &30 mins | |
| 22/03/2022 | Synthetic seed technology | 9.00 -10.30AM | 1Hr &30 mins | |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Vero cells | 1.30-3.00PM | 1Hr &30 mins | |
| | | 3.15-4.45PM | 1Hr &30 mins | |
| 23/03/2022 | Genetics and genomics | 9.00 -10.30AM | 1Hr &30 mins | |
| | | 10.45-12.15PM | 1Hr &30 mins | |
| | Feedback and Questionnaire session | 1.30- 4.45PM | 1Hr &30 mins | |
| | | | 1Hr &30 mins | |



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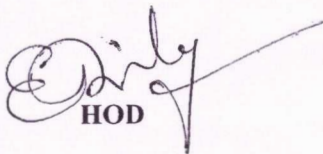


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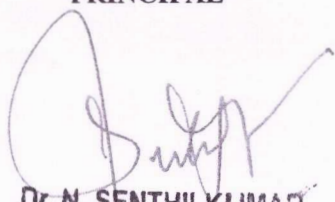
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|  <p>JKKMMRF'S-ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY</p> <p>Komarapalayam, Namakkal - 638183</p> <p><u>Value Added Course</u></p> <p>Organized by Department of Pharmacognosy</p> <p><i>Topic: Green Cell Factories</i></p> <p>On: 10.03.2022 to 23.03.2022</p> <p>Venue: SEMINAR HALL</p> | <p>ABOUT US:</p> <p>Dr.J.K.K Munirajah is a reputed industrialist technocrat and educational besides, being a social worker ,a person imbided in deep spiritual values and philanthropist. At Present Annai J.K.K Sampoorani Ammal Charitable Trust runs Paramedical Institutions offering Diploma, Graduate , Post Graduate & Ph.D. Courses and Research Scholarships in Pharmacy, nursing Physiotherapy and Occupational Therapy at Komarapalayam. The Trust has won many national and state awards. These renowned Educational Institutions spared education to promote knowledge, wisdom and service -Orientation.</p>  | <p>RESOURCE PERSON</p>  <p>Dr. V. Suresh, M.Pharm., Ph.D</p> <p>Professor and Head, JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam.</p>  <p>Dr. P. Satheesh Kumar, M.Pharm</p> <p>Associate professor, JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|


HOD

PRINCIPAL


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LIST OF STUDENTS ENROLLED FOR THE COURSE

| S.NO | Register No | Students Name | Year | Course |
|------|--------------|-------------------|---------|---------|
| 1 | 261620507506 | KAMAL G | SEM-III | M.PHARM |
| 2 | 261620507507 | KAMALAKANNAN M | SEM-III | M.PHARM |
| 3 | 261620507508 | KARTHIKA RAMESH | SEM-III | M.PHARM |
| 4 | 261620507509 | KRISHNAN R | SEM-III | M.PHARM |
| 5 | 261620507510 | LATHA S | SEM-III | M.PHARM |
| 6 | 261620507511 | MANIKANDAN K | SEM-III | M.PHARM |
| 7 | 261620507513 | PAVITHRA D | SEM-III | M.PHARM |
| 8 | 261620507514 | SANKAR N | SEM-III | M.PHARM |
| 9 | 261620507515 | SREERAG VISWAM | SEM-III | M.PHARM |
| 10 | 561858032 | KAVIN S | SEM-VII | B.PHARM |
| 11 | 561858037 | MUTHUKUMAR E | SEM-VII | B.PHARM |
| 12 | 561858039 | NARMATHA S | SEM-VII | B.PHARM |
| 13 | 561858040 | NAZIM M K | SEM-VII | B.PHARM |
| 14 | 561858041 | NISHAL NIXSON N N | SEM-VII | B.PHARM |
| 15 | 561858042 | PARTHIBAN N | SEM-VII | B.PHARM |
| 16 | 561858043 | PRADEEP R | SEM-VII | B.PHARM |
| 17 | 561858044 | PRAKASH G | SEM-VII | B.PHARM |
| 18 | 561858045 | PRAKASHRAJ M | SEM-VII | B.PHARM |
| 19 | 561858047 | PRASANTH K | SEM-VII | B.PHARM |
| 20 | 561858048 | PRAVEEN M | SEM-VII | B.PHARM |
| 21 | 561858049 | PRAVEEN V G | SEM-VII | B.PHARM |
| 22 | 561858050 | PRETHY S | SEM-VII | B.PHARM |
| 23 | 561858051 | PRIYADHARSHINI M | SEM-VII | B.PHARM |
| 24 | 561858052 | PRIYANKA S | SEM-VII | B.PHARM |
| 25 | 561858053 | RAJA V M | SEM-VII | B.PHARM |
| 26 | 561858054 | RANJITH R | SEM-VII | B.PHARM |
| 27 | 561858055 | RISHI E | SEM-VII | B.PHARM |
| 28 | 561858056 | ROHINI V | SEM-VII | B.PHARM |
| 29 | 561858057 | ROHIT SUNDHAR S | SEM-VII | B.PHARM |
| 30 | 561858058 | SAKTHIVEL L | SEM-VII | B.PHARM |
| 31 | 561858059 | SANJAYKUMAR M | SEM-VII | B.PHARM |
| 32 | 381710409 | KAVINKISHORE S | V | PHARM D |
| 33 | 381710411 | MUKILAN M | V | PHARM D |
| 34 | 381710413 | PREETHI T | V | PHARM D |
| 35 | 381710414 | PUSHPARAJA | V | PHARM D |
| 36 | 381610406 | BHARATH K | VI | PHARM D |



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| | | | | |
|----|--------------|----------------------------|---------|---------|
| 37 | 381610407 | BITTY R | VI | PHARM D |
| 38 | 381610408 | DEEPAK K | VI | PHARM D |
| 39 | 381610409 | FEBE SHAJI | VI | PHARM D |
| 40 | 381610410 | HARIHARAN V | VI | PHARM D |
| 41 | 261120507501 | ANANTHAKUMAR R | SEM-III | M.PHARM |
| 42 | 261120507502 | DEVANANDH D | SEM-III | M.PHARM |
| 43 | 261120507503 | GOKUL L | SEM-III | M.PHARM |
| 44 | 261120507504 | GOWTHAM K | SEM-III | M.PHARM |
| 45 | 261120507505 | GOWTHAMAN T | SEM-III | M.PHARM |
| 46 | 261120507506 | KALPANA P | SEM-III | M.PHARM |
| 47 | 261220507501 | ARATHY P NAIR | SEM-III | M.PHARM |
| 48 | 261220507502 | EZHILARASAN S | SEM-III | M.PHARM |
| 49 | 261220507503 | GOKUL T | SEM-III | M.PHARM |
| 50 | 261220507505 | RAGAVI P | SEM-III | M.PHARM |
| 51 | 261320507501 | ASARUDEEN A | SEM-III | M.PHARM |
| 52 | 561858089 | YUVARAJ C P | SEM-VII | B.PHARM |
| 53 | 561858090 | ZACHARIAH CHRISTOPHER M | SEM-VII | B.PHARM |
| 54 | 561958101 | AMRISH K | SEM-VII | B.PHARM |
| 55 | 561958102 | ARUN KUMAR V | SEM-VII | B.PHARM |
| 56 | 561958103 | BOOPATHI RAJA P | SEM-VII | B.PHARM |
| 57 | 561958105 | KANAGARAJ M | SEM-VII | B.PHARM |
| 58 | 561958106 | KARTHICK N | SEM-VII | B.PHARM |
| 59 | 561958065 | PRAVEENKUMAR K | SEM-V | B.PHARM |
| 60 | 561958066 | PRIYA D | SEM-V | B.PHARM |
| 61 | 561958067 | RAGUL DRAVID G | SEM-V | B.PHARM |
| 62 | 561958068 | RAHUL V | SEM-V | B.PHARM |
| 63 | 561958069 | RANGANATHAN C | SEM-V | B.PHARM |
| 64 | 561958070 | RANJITH J | SEM-V | B.PHARM |
| 65 | 562057587 | THIRUMURUGAN D | SEM-III | B.PHARM |
| 66 | 562057588 | UDHAYAKUMAR S | SEM-III | B.PHARM |




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PRINCIPAL


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STUDENTS ATTENDANCE

| S.NO | Register No | Students Name | Year | Course | Signature | | | | |
|------|--------------|-------------------|---------|---------|------------|------------|------------|------------|------------|
| | | | | | 10/03/2022 | 14/03/2022 | 17/03/2022 | 19/03/2022 | 23/03/2022 |
| 1 | 261620507506 | KAMAL G | SEM-III | M.PHARM | Kamal G. | Kamal G. | Kamal G. | Kamal G. | Kamal G. |
| 2 | 261620507507 | KAMALAKANNAN M | SEM-III | M.PHARM | Kam | Kam | Kam | Kam | Kam |
| 3 | 261620507508 | KARTHIKA RAMESH | SEM-III | M.PHARM | Karth | Karth | Karth | Karth | Karth |
| 4 | 261620507509 | KRISHNAN R | SEM-III | M.PHARM | Krish | Krish | Krish | Krish | Krish |
| 5 | 261620507510 | LATHA S | SEM-III | M.PHARM | Latha | Latha | Latha | Latha | Latha |
| 6 | 261620507511 | MANIKANDAN K | SEM-III | M.PHARM | Mani | Mani | Mani | Mani | Mani |
| 7 | 261620507513 | PAVITHRA D | SEM-III | M.PHARM | Pavi | Pavi | Pavi | Pavi | Pavi |
| 8 | 261620507514 | SANKAR N | SEM-III | M.PHARM | SANKAR N | SANKAR N | SANKAR N | SANKAR N | SANKAR N |
| 9 | 261620507515 | SREERAG VISWAM | SEM-III | M.PHARM | Sree | Sree | Sree | Sree | Sree |
| 10 | 561858032 | KAVIN S | SEM-VII | B.PHARM | Kavin | Kavin | Kavin | Kavin | Kavin |
| 11 | 561858037 | MUTHUKUMAR E | SEM-VII | B.PHARM | Muthu | Muthu | Muthu | Muthu | Muthu |
| 12 | 561858039 | NARMATHA S | SEM-VII | B.PHARM | Narm | Narm | Narm | Narm | Narm |
| 13 | 561858040 | NAZIM M K | SEM-VII | B.PHARM | NAZIM | NAZIM | NAZIM | NAZIM | NAZIM |
| 14 | 561858041 | NISHAL NIXSON N N | SEM-VII | B.PHARM | Nish | Nish | Nish | Nish | Nish |
| 15 | 561858042 | PARTHIBAN N | SEM-VII | B.PHARM | Parthi | Parthi | Parthi | Parthi | Parthi |
| 16 | 561858043 | PRADEEP R | SEM-VII | B.PHARM | Pradeep | Pradeep | Pradeep | Pradeep | Pradeep |
| 17 | 561858044 | PRAKASH G | SEM-VII | B.PHARM | Praka | Praka | Praka | Praka | Praka |
| 18 | 561858045 | PRAKASHRAT M | SEM-VII | B.PHARM | Praka | Praka | Praka | Praka | Praka |
| 19 | 561858047 | PRASANTH K | SEM-VII | B.PHARM | Prasa | Prasa | Prasa | Prasa | Prasa |
| 20 | 561858048 | PRADHANA K | SEM-VII | B.PHARM | Pradh | Pradh | Pradh | Pradh | Pradh |



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|----|--------------|------------------|---------|---------|------------------|------------------|------------------|------------------|------------------|
| 21 | 561858049 | PRAVEEN V G | SEM-VII | B.PHARM | Praaveen V G | Praaveen V G | Praaveen V G | Praaveen V G | Praaveen V G |
| 22 | 561858050 | PRETHY S | SEM-VII | B.PHARM | Prethy S | Prethy S | Prethy S | Prethy S | Prethy S |
| 23 | 561858051 | PRIYADHARSHINI M | SEM-VII | B.PHARM | Priyadharshini M | Priyadharshini M | Priyadharshini M | Priyadharshini M | Priyadharshini M |
| 24 | 561858052 | PRIYANKA S | SEM-VII | B.PHARM | Priyanka S | Priyanka S | Priyanka S | Priyanka S | Priyanka S |
| 25 | 561858053 | RAJA V M | SEM-VII | B.PHARM | Raja V M | Raja V M | Raja V M | Raja V M | Raja V M |
| 26 | 561858054 | RANJITH R | SEM-VII | B.PHARM | Ranjith R | Ranjith R | Ranjith R | Ranjith R | Ranjith R |
| 27 | 561858055 | RISHI E | SEM-VII | B.PHARM | Rishi E | Rishi E | Rishi E | Rishi E | Rishi E |
| 28 | 561858056 | ROHINI V | SEM-VII | B.PHARM | Rohini V | Rohini V | Rohini V | Rohini V | Rohini V |
| 29 | 561858057 | ROHIT SUNDHAR S | SEM-VII | B.PHARM | Rohit Sundhar S | Rohit Sundhar S | Rohit Sundhar S | Rohit Sundhar S | Rohit Sundhar S |
| 30 | 561858058 | SAKTHIVEL L | SEM-VII | B.PHARM | Sakthivel L | Sakthivel L | Sakthivel L | Sakthivel L | Sakthivel L |
| 31 | 561858059 | SANJAYKUMAR M | SEM-VII | B.PHARM | Sanjaykumar M | Sanjaykumar M | Sanjaykumar M | Sanjaykumar M | Sanjaykumar M |
| 32 | 381710409 | KAVINKISHORE S | V | PHARM D | Kavinkishore S | Kavinkishore S | Kavinkishore S | Kavinkishore S | Kavinkishore S |
| 33 | 381710411 | MUKILAN M | V | PHARM D | Mukilan M | Mukilan M | Mukilan M | Mukilan M | Mukilan M |
| 34 | 381710413 | PREETHI T | V | PHARM D | Preethi T | Preethi T | Preethi T | Preethi T | Preethi T |
| 35 | 381710414 | PUSHPARAJ A | V | PHARM D | Pushparaj A | Pushparaj A | Pushparaj A | Pushparaj A | Pushparaj A |
| 36 | 381610406 | BHARATH K | VI | PHARM D | Bharath K | Bharath K | Bharath K | Bharath K | Bharath K |
| 37 | 381610407 | BITTY R | VI | PHARM D | Bitty R | Bitty R | Bitty R | Bitty R | Bitty R |
| 38 | 381610408 | DEEPAK K | VI | PHARM D | Deepak K | Deepak K | Deepak K | Deepak K | Deepak K |
| 39 | 381610409 | FEBA SHAJI | VI | PHARM D | Feba Shaji | Feba Shaji | Feba Shaji | Feba Shaji | Feba Shaji |
| 40 | 381610410 | HARIHARAN V | VI | PHARM D | Harihara V | Harihara V | Harihara V | Harihara V | Harihara V |
| 41 | 261120507501 | ANANTHAKUMAR R | SEM-III | M.PHARM | Ananthakumar R | Ananthakumar R | Ananthakumar R | Ananthakumar R | Ananthakumar R |
| 42 | 261120507502 | DEVANANDH D | SEM-III | M.PHARM | Devanandh D | Devanandh D | Devanandh D | Devanandh D | Devanandh D |
| 43 | 261120507503 | GOKUL L | SEM-III | M.PHARM | Gokul L | Gokul L | Gokul L | Gokul L | Gokul L |
| 44 | 261120507504 | GOWTHAM K | SEM-III | M.PHARM | Gowtham K | Gowtham K | Gowtham K | Gowtham K | Gowtham K |
| 45 | 261120507505 | GOWTHAMAN T | SEM-III | M.PHARM | Gowthaman T | Gowthaman T | Gowthaman T | Gowthaman T | Gowthaman T |
| 46 | 261120507506 | KALPANA P | SEM-III | M.PHARM | Kalpana P | Kalpana P | Kalpana P | Kalpana P | Kalpana P |
| 47 | 261220507501 | ARATHY P NAIR | SEM-III | M.PHARM | Arathy P Nair | Arathy P Nair | Arathy P Nair | Arathy P Nair | Arathy P Nair |
| 48 | 261220507502 | EZHILARASAN S | SEM-III | M.PHARM | Ezhilarasan S | Ezhilarasan S | Ezhilarasan S | Ezhilarasan S | Ezhilarasan S |
| 49 | 261220507503 | GOKUL T | SEM-III | M.PHARM | Gokul T | Gokul T | Gokul T | Gokul T | Gokul T |
| 50 | 261220507505 | RAGAVI P | SEM-III | M.PHARM | Ragavi P | Ragavi P | Ragavi P | Ragavi P | Ragavi P |
| 51 | 261220507501 | ASARUDEEN A | SEM-III | M.PHARM | Asarudeen A | Asarudeen A | Asarudeen A | Asarudeen A | Asarudeen A |





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| | | | | | | | | | |
|----|-----------|-------------------------|---------|---------|---------|---------|---------|---------|---------|
| 53 | 561858090 | ZACHARIAH CHRISTOPHER M | SEM-VII | B.PHARM | Zach | Zach | Zach | Zach | Zach |
| 54 | 561958101 | AMRISH K | SEM-VII | B.PHARM | Amrisha | Amrisha | Amrisha | Amrisha | Amrisha |
| 55 | 561958102 | ARUN KUMAR V | SEM-VII | B.PHARM | Arunk | Arunk | Arunk | Arunk | Arunk |
| 56 | 561958103 | BOOPATHI RAJA P | SEM-VII | B.PHARM | Ab | Ab | Ab | Ab | Ab |
| 57 | 561958105 | KANAGARAJ M | SEM-VII | B.PHARM | Kan | Kan | Kan | Kan | Kan |
| 58 | 561958106 | KARTHICK N | SEM-VII | B.PHARM | Karthik | Karthik | Karthik | Karthik | Karthik |
| 59 | 561958065 | PRAVEENKUMAR K | SEM-V | B.PHARM | Praveen | Praveen | Praveen | Praveen | Praveen |
| 60 | 561958066 | PRIYA D | SEM-V | B.PHARM | Priya | Priya | Priya | Priya | Priya |
| 61 | 561958067 | RAGUL DRAVID G | SEM-V | B.PHARM | Ragul | Ragul | Ragul | Ragul | Ragul |
| 62 | 561958068 | RAHUL V | SEM-V | B.PHARM | Rahul | Rahul | Rahul | Rahul | Rahul |
| 63 | 561958069 | RANGANATHAN C | SEM-V | B.PHARM | Ran | Ran | Ran | Ran | Ran |
| 64 | 561958070 | RANJITH J | SEM-V | B.PHARM | Ranjith | Ranjith | Ranjith | Ranjith | Ranjith |
| 65 | 562057587 | THIRUMURUGAN D | SEM-III | B.PHARM | Thir | Thir | Thir | Thir | Thir |
| 66 | 562057588 | UDHAYAKUMAR S | SEM-III | B.PHARM | Udhay | Udhay | Udhay | Udhay | Udhay |


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| ADD ON COURSE | GREEN CELL FACTORIES |
|---------------|-------------------------|
| DEPARTMENT | PHARMACOGNOSY |
| ACADEMIC YEAR | 2021-2022 |
| DATE | 10.03.2022 – 23.03.2022 |
| VENUE | SEMINAR HALL |

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- a) Arc lamp
- b) Incandescent lamp
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- d) All the above

Latras
B. Pharm

2. In lightening design what is the measure of Colour temperature

- a) Kelvin
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3. Select mismatch pair

- a) Plantae - Mosses
- b) Animalae - Arthropods
- c) Protista - Paramoecium
- d) Prokaryotes - Viruses

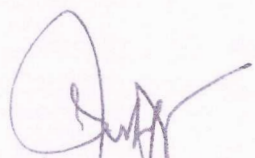
4. Vascular bundles are not found in

- a) Gymnosperm
- b) Pteridophytes
- c) Angiosperm
- d) Bryophytes




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5. Who is known as father of eco pharmacognosy?

- a) Elena browner
- b) Dioscorides
- c) Parahamsayogananda
- d) Tirumalai Krishnamacharya

6. The word ecopharmacognosy was recently introduced by Cordell at

- a) 2012
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7. Which of the following said to be true

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- a) May, 2012
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9. What is the application of algae?

- a) Medicines
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10. Which algae is used for its medicinal uses?

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11. Which is not an algae?

- a) Chlorophyll
- b) Spirogyra
- c) Volvox
- d) Yeast

12. Chlamydomonas reinhardtii is green _____ algae

- a) Unicellular
- b) Dicellular
- c) Multicellular
- d) Either a and b

13. The first crop plant genome sequenced

- a) Maize
- b) Wheat
- c) Rice
- d) Barley

14. Restriction endonucleases are usually supplied in

- a) 10% Glycerol
- b) 30% Glycerol
- c) 50% Glycerol
- d) 80% Glycerol

15. Which technique used to introduce genes into dicots

- a) Electroporation
- b) Particle acceleration
- c) Microinjection
- d) Ti plasmid injection



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16. Virulence traits of Agrobacterium tumefaciens in brone on

- a) Chromosomal DNA
- b) Tumour inducing plasmid DNA
- c) Both chromosomal and plasmid DNA
- d) Cryptic plasmid DNA

17. Which chemical is used for de- greening of fruits

- a) IBA
- b) Cytokinin
- c) Gibberlic acid
- d) Ethylene

18. Journal of Indian Horticulture is published by

- a) IIHR
- b) IARI
- c) ICAR
- d) IGKV


19. Which is an important principle of landscaping

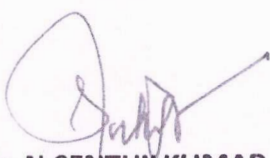
- a) Rhythm
- b) Balance
- c) Background
- d) All the above

20. Space allotted for lawn in landscape

- a) 25 to 30%
- b) 20 to 25%
- c) 30 to 35%
- d) 35 to 40%




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21. Synthetic seeds are

- a) Artificially synthesized seeds
- b) Somatic embryos encapsulated in suitable matrix
- c) Seeds of the plants modified genetically
- d) None of these

22. The production of high quality and uniform embryos has limited to only

- a) Carrot
- b) Alfa alfa
- c) Both a and b
- d) Sandalwood

23. Vero cells are derived from the species of

- a) Cercopithecus aethiops
- b) Cercopithecus cephus
- c) Cercopithecus nictitans
- d) Cercopithecus petaurista

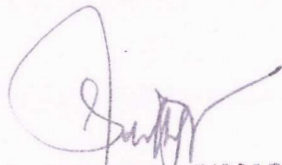
24. The cell culture incubation performed in incubator with _____ CO₂

- a) 10%
- b) 5%
- c) 15%
- d) 20%

25. Genomic medicine is the study of

- a) Genes
- b) Genetic makeup
- c) a & b
- d) None of the above


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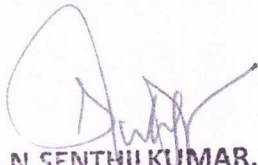
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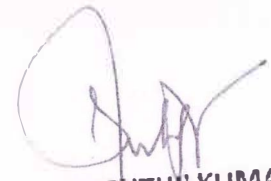
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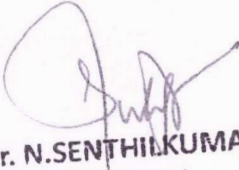
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- c) Gibberellic acid
- d) Ethylene

18. Journal of Indian Horticulture is published by

- a) IHR
- b) IARI
- c) ICAR**
- d) IGKV

19. Which is an important principle of landscaping

- a) Rhythm
- b) Balance
- c) Background
- d) All the above**

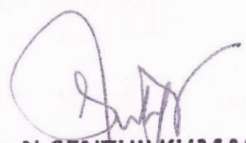
20. Space allotted for lawn in landscape

- a) 25 to 30%**
- b) 20 to 25%
- c) 30 to 35%
- d) 35 to 40%




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21. Synthetic seeds are

- a) Artificially synthesized seeds
- b) Somatic embryos encapsulated in suitable matrix**
- c) Seeds of the plants modified genetically
- d) None of these

22. The production of high quality and uniform embryos has limited to only

- a) Carrot
- b) Alfa alfa
- c) Both a and b**
- d) Sandalwood

23. Vero cells are derived from the species of

- a) Cercopithecus aethiops**
- b) Cercopithecus cephus
- c) Cercopithecus nictitans
- d) Cercopithecus petaurista

24. The cell culture incubation performed in incubator with _____ CO₂

- a) 10%
- b) 5%**
- c) 15%
- d) 20%

25. Genomic medicine is the study of

- a) Genes
- b) Genetic makeup
- c) a & b**
- d) None of the above




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| DATE | 10.03.2022 – 23.03.2022 |
| VENUE | SEMINAR HALL |

STUDENTS MARK STATEMENT

| S.NO | Register No | Students Name | Mark | Percentage |
|------|--------------|-------------------|------|------------|
| 1 | 261620507506 | KAMAL G | 18 | 90 |
| 2 | 261620507507 | KAMALAKANNAN M | 19 | 95 |
| 3 | 261620507508 | KARTHIKA RAMESH | 16 | 80 |
| 4 | 261620507509 | KRISHNAN R | 15 | 75 |
| 5 | 261620507510 | LATHA S | 18 | 90 |
| 6 | 261620507511 | MANIKANDAN K | 17 | 85 |
| 7 | 261620507513 | PAVITHRA D | 18 | 90 |
| 8 | 261620507514 | SANKAR N | 19 | 95 |
| 9 | 261620507515 | SREERAG VISWAM | 20 | 100 |
| 10 | 561858032 | KAVIN S | 16 | 80 |
| 11 | 561858037 | MUTHUKUMAR E | 20 | 100 |
| 12 | 561858039 | NARMATHA S | 18 | 90 |
| 13 | 561858040 | NAZIM M K | 18 | 90 |
| 14 | 561858041 | NISHAL NIXSON N N | 18 | 90 |
| 15 | 561858042 | PARTHIBAN N | 19 | 95 |
| 16 | 561858043 | PRADEEP R | 16 | 80 |
| 17 | 561858044 | PRAKASH G | 15 | 75 |
| 18 | 561858045 | PRAKASHRAJ M | 18 | 90 |
| 19 | 561858047 | PRASANTH K | 17 | 85 |
| 20 | 561858048 | PRAVEEN M | 18 | 90 |
| 21 | 561858049 | PRAVEEN V G | 19 | 95 |
| 22 | 561858050 | PRETHY S | 20 | 100 |
| 23 | 561858051 | PRIYADHARSHINI M | 16 | 80 |
| 24 | 561858052 | PRIYANKA S | 18 | 90 |
| 25 | 561858053 | RAJA V M | 19 | 95 |
| 26 | 561858054 | RANJITH R | 16 | 80 |
| 27 | 561858055 | RISHI E | 15 | 75 |
| 28 | 561858056 | ROHINI V | 18 | 90 |
| 29 | 561858057 | ROHIT SUNDHAR S | 17 | 85 |
| 30 | 561858058 | SAKTHIVEL L | 18 | 90 |
| 31 | 561858059 | SANJAYKUMAR M | 19 | 95 |
| 32 | 381710409 | KAVINKISHORE S | 20 | 100 |
| 33 | 381710411 | MUKILAN M | 16 | 80 |
| 34 | 381710413 | PREETHI T | 18 | 90 |
| 35 | 381710414 | PUSHPARAJA K | 19 | 95 |

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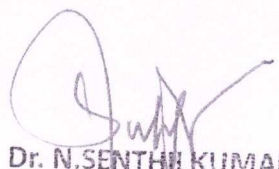
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| 36 | 381610406 | BHARATH K | 16 | 80 |
| 37 | 381610407 | BITTY R | 15 | 75 |
| 38 | 381610408 | DEEPAK K | 18 | 90 |
| 39 | 381610409 | FEBA SHAJI | 17 | 85 |
| 40 | 381610410 | HARIHARAN V | 18 | 90 |
| 41 | 261120507501 | ANANTHAKUMAR R | 19 | 95 |
| 42 | 261120507502 | DEVANANDH D | 20 | 100 |
| 43 | 261120507503 | GOKUL L | 16 | 80 |
| 44 | 261120507504 | GOWTHAM K | 19 | 95 |
| 45 | 261120507505 | GOWTHAMAN T | 20 | 100 |
| 46 | 261120507506 | KALPANA P | 16 | 80 |
| 47 | 261220507501 | ARATHY P NAIR | 18 | 90 |
| 48 | 261220507502 | EZHILARASAN S | 19 | 95 |
| 49 | 261220507503 | GOKUL T | 16 | 80 |
| 50 | 261220507505 | RAGAVI P | 15 | 75 |
| 51 | 261320507501 | ASARUDEEN A | 18 | 90 |
| 52 | 561858089 | YUVARAJ C P | 19 | 95 |
| 53 | 561858090 | ZACHARIAH CHRISTOPHER M | 20 | 100 |
| | 561958101 | AMRISH K | | |
| 54 | | | 16 | 80 |
| 55 | 561958102 | ARUN KUMAR V | 19 | 95 |
| 56 | 561958103 | BOOPATHI RAJA P | ab | ab |
| 57 | 561958105 | KANAGARAJ M | 15 | 75 |
| 58 | 561958106 | KARTHICK N | 18 | 90 |
| 59 | 561958065 | PRAVEENKUMAR K | 19 | 95 |
| 60 | 561958066 | PRIYA D | 20 | 100 |
| 61 | 561958067 | RAGUL DRAVID G | 19 | 95 |
| 62 | 561958068 | RAHUL V | 17 | 85 |
| 63 | 561958069 | RANGANATHAN C | 18 | 90 |
| 64 | 561958070 | RANJITH J | 19 | 95 |
| 65 | 562057587 | THIRUMURUGAN D | 20 | 100 |
| 66 | 562057588 | UDHAYAKUMAR S | 16 | 80 |


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FEEDBACK FORM

NAME OF THE STUDENT: Narmatha . S

REGISTER NO: 561858 089

COURSE : B.Pharm

DATE : 23.03.2022

TOPIC : Green cell factories.

EMAIL : Narmatha 143 @gmail.com

CONTACT NO :

| S.no | Description | Satisfactory | Good | Very good | Excellent |
|------|--------------------------------------------------------|--------------|------|-----------|-----------|
| 1. | Usefulness of the information provided | | ✓ | | |
| 2. | Design of the session ? (Organization, format, pacing) | | | ✓ | |
| 3. | Presentation of information | | ✓ | | |
| 4. | Overall quality of the session | | | ✓ | |
| 5. | Clarity in delivering concepts | | | | ✓ |
| 6. | Interaction | | ✓ | | |



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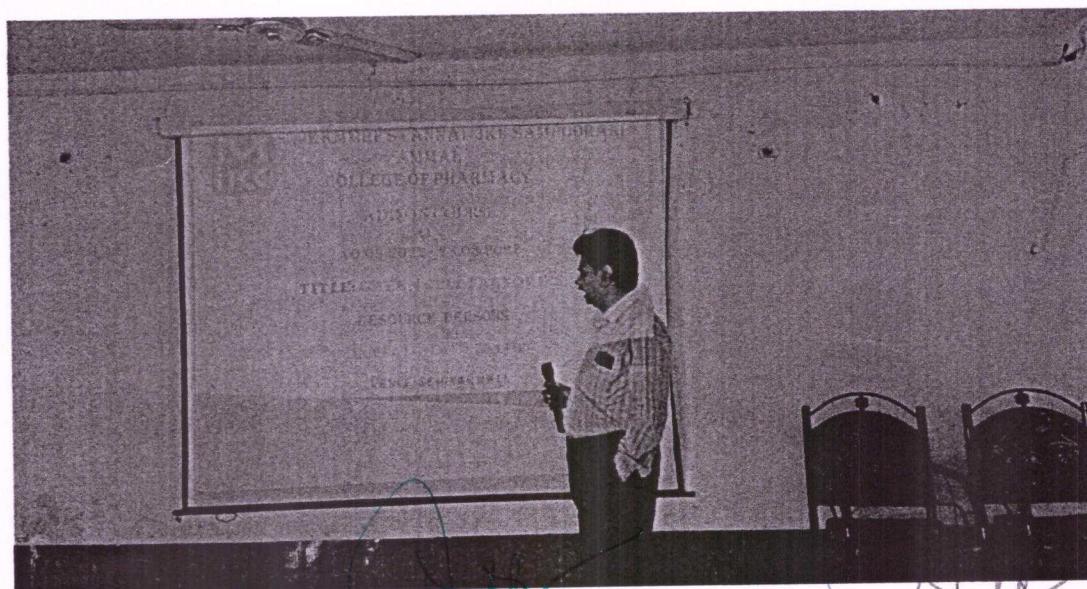
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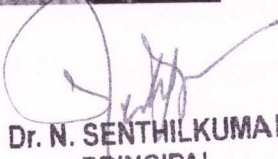
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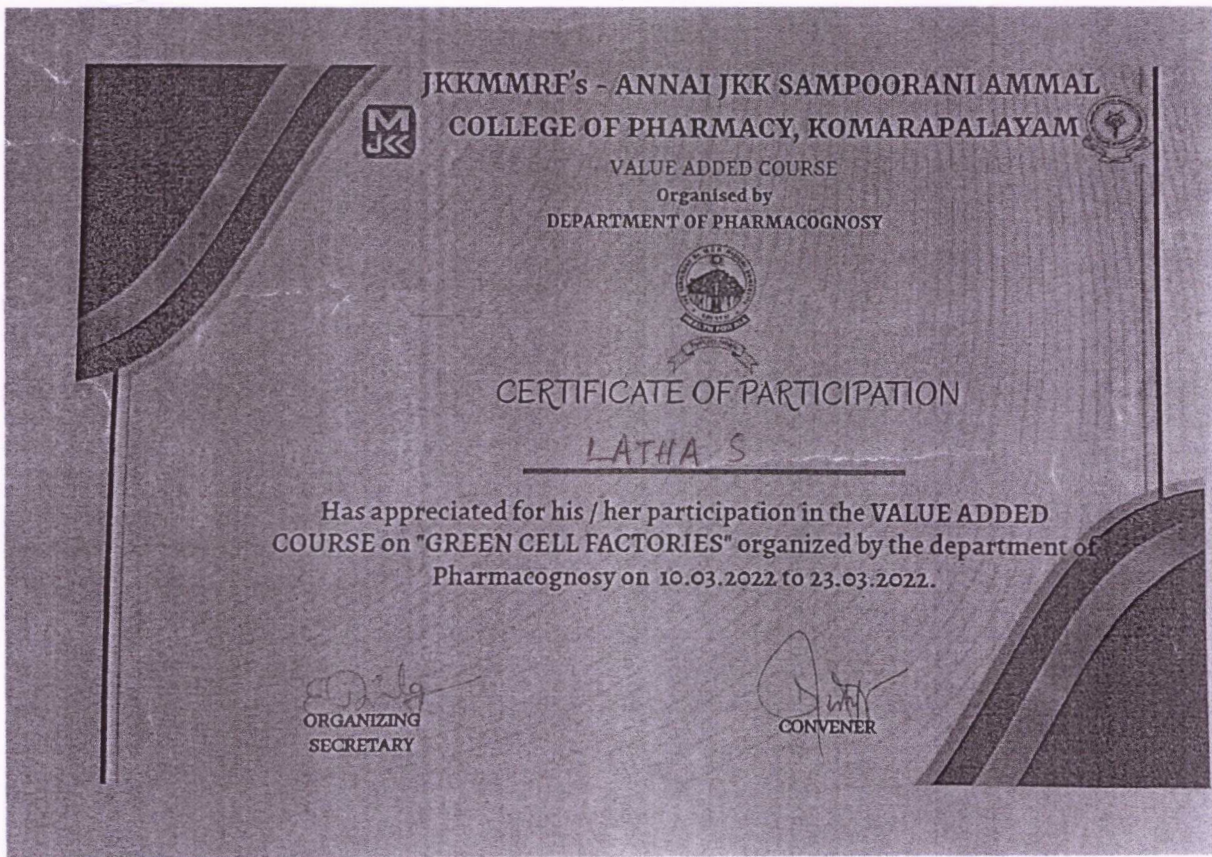
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