

(A Unit of Alva's Education Foundation)

Shobhavana Campus, Mijar--574227, Moodbidri, D.K

(Accredited by NAAC with A+ Grade)

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka)

INTERNAL ASSESSMENT ANSWER BOOK

| Branch: AIML |
|--------------|
| |

| Test | Date | Signature of the invigilator | Maximum Marks 30 | Signature of the Student with Date | Signature of the Teacher | |
|------|----------|-------------------------------------|---------------------|------------------------------------|--------------------------|--|
| 1631 | | the invigilator | Marks Obtained | Date | with Date | |
| ı | 26/10/23 | (10/2) | . 29 | D 320018 | M98 10 2 | |
| П | 4/12/23 | 104/12 | 30 | & Elitha | Su Elips | |
| Ш | 2/1/84 | Progra | 30 | @ stilm | election | |
| | | Total Marks | 29/90 | .0., | | |
| | | Average Marks | 30/30 | | | |
| | | e of Assignment/ uiz/Seminar etc | 10 | | | |
| | | Grand Total | 40 | | | |

Name

· Preetham

USN

: 4AL20AI03H

Sem. & Section

. 7th sem

Course Name / Code

: Lamputen Vision

Name of the Faculty

shrikenth Nh

Max Marks

Internal Assessment Mari

Signature of the Faculty

Head of the Department

Dept. of Artificial Intelligence & Machine Learly,
Alva's Institute of Engineering and The Innoisely

Shobhavana Campus, Mijar Moodubidire 574 225, D.K. Karnataka, India

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- * To bestow quality technical education to imbide knowledge creativity and ethos to students community
- * To inculcate the best engineering practices through transformative education
- * To develop a knowledgeable individual for a dynamic industrial scenario
- * To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

Foster competent professionals by instilling knowledge and skills in the Artificial Intelligence and machine Leanning realm to later needs of industry and lommunity.

MISSION OF THE DEPARTMENT

- · To strengthen the assimilation of concept in AIML through experiential learning
- · To create a better Acadmia Industry liabon
- by means of shell enhanted training.

 To develop a supposit system for research & development for brodus application in Azmi domain.
- · To promote Enhaprenunial culture through interaction with collaborative knowledge perhus

INTERNAL ASSESSMENT MARKS ENTRY

| | | | I.A -I | | | I.A -II | | | I.A -III | |
|--------|----|--------------|-------------------|------|--------------|-------------------|------|--------------|-------------------|------|
| Q.No's | | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's |
| 1 | а | 8 | 8 | 1 | 8 | 8 | a | | | |
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| | b | 7 | 7 | | 7 | † | 3 | 7 | 7 | |
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| 4 | а | 8 | | | 8 | | | 8 | - | |
| | b | 7 | _ | | 7 | | | 7 | _ | |
| | С | | | | | | | | | |
| тот | AL | 30 | 29 | | 30 | 30 | | 30 | 30 | |

| | COURSE OUTCOMES |
|------|--|
| CO 1 | Demonstrate the lonept of fundamental image Prolessing techniques Required for lamputer vision |
| CO 2 | understand image formation Projess |
| CO 3 | Apply the techniques like stevenpsis to understand the shape of the Picture or image |
| CO 4 | Develop application using computer vision technique like Segmentation representation grouping and modul fitting motion |
| CO 5 | understand video processing and motion Computation. |
| CO 6 | |

| | PROGRAM OUTCOMES (POs) |
|------|---|
| DO | Engineering Knowledge: Apply the knowledge of mathematics, science, Engineering fundamentals and |
| PO1 | an engineering providing to the solution of complex engineering problems |
| | Broblems and broblems that the state of the |
| PO2 | reaching substantiated conclusion using first principles of mathematics natural sciences and engineering |
| | sciences |
| | Design / development of solutions : Design solution for complex engineering problems and design system |
| PO3 | components or processes that meet the specified needs with appropriate consideration for the public health |
| | and safety and the cultural societal and environmental considerations |
| PO4 | Conduct investigations of complex problems: Use research based knowledge and research methods including design of experiments alalysis and interpretation of data and synthesis of the information to provide |
| 104 | |
| | valid conclusions Modern tool usage : Create select and apply appropriate techniques resources and modern engineering |
| PO5 | and IT tools including prediction and modeling to complex engineering activities with an understanding of the |
| . 55 | limitations |
| | The engineer and society : Apply reasoning informed by the contextual knowledge to assess societal |
| PO6 | health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| | engineering practice |
| | Environment and sustainability : Understand the impact of the professionals engineering solution in |
| PO7 | scoietal and environmental contexts and demonstrate the knowledge of and need for sustainable |
| | development |
| PO8 | Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the |
| | engineering protice |
| PO9 | Individual and team work: Function effectively as an individual and as a member or leader in diverse teams |
| | and in multidisciplinary settings |
| PO10 | Communication: communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documen- |
| | tation make effective presentations and give and receive clear instructions |
| | Project management and finance: Demonstrate knowledge and understanding of the engineering and |
| PO11 | management principles and apply these to one's own work as a member and leader in a team to manage |
| | projects and in multidisciplinary enviroments |
| PO12 | Life long learning: Recognize the need for and have the preparation and ability to engage in independent |
| | and life long learning in the broadest context of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PSO1 | lognifion As my in kams of real world Problems |
| PSO2 | Incorporal pz a ml technique for industrial application |
| PSO3 | Develop computational Tenumorage and project purp skills |
| PSO4 | Provide solving to complete problem, using the latest |
| | randwone and software mols, along with analytical skill |
| PEO1 | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| | Expand knowledge in hold of ALMI |
| PEO2 | Develop continues leaving attitue ethic & values |
| PEO3 | self educal and account to innovative enhancemen |
| PEO4 | Provide solupons he kehnical & roud Problems |
| | |
| | |
| | |



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INTERNAL ASSESSMENT ANSWER BOOK

Branch: AGRICULTURE ENGINEERING.

| Test | Date | Signature of the invigilator | Maximum Marks Marks Ob | tained | Signature of the Student with Date | Signature of the Teacher with Date | |
|----------|------------|-----------------------------------|------------------------------|--------|--|--|--|
| 1 | 02/01/2024 | Byall20 | 190 | 21 | Satuling 2/1/24 | 8/1-2 | |
| 11 | 09/02/2024 | Part a/2 | 20 | 10. | 9 2 24. | 8/222 | |
| III | 11 03 2024 | you wind | 8. | SARS | 11 03 2024 | O SIL | |
| | | Total Marks | 58. | 5 | | 50 | |
| | | Average Marks | 29 | | = 20 600 | | |
| | | of Assignment/ uiz/Seminar etc | 20 | | | | |
| | | Grand Total | 99 | 100 | | 1 | |
| Marks in | words | | Pify | they : | Represent Fift | y | |

Name

USN

Sem. & Section

Course Name / Code

Name of the Faculty

SANTHOSH .M

4AL21AG028

Vm Sem & A' Section

SOIL AND WATER CONSERVATION ENGINEERING 121AG54

Dr. VINUTHA. M. BETAGERT.

Internal Assessment Marks

Max Marks

10

Signature of the Faculty

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- * To bestow quality technical education to imbide knowledge creativity and ethos to students community
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- * To develop a knowledgeable individual for a dynamic industrial scenario
- * To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

To Seoure the Country by producing high quality technocrats belo can combine farming with langineering and dechnology intersentions & Content bute the global food Security & Sustainable growth is agriculture Peroduka

MISSION OF THE DEPARTMENT

MI!- To impact knowledge by establishing an environment that is Conductive to teaching and dearning.

M21- To Coneate agriculture engineers below core both.

Technically Peropicient and revorally admirable is order to benefit Society.

M31- To devolop and enhance novel technologies to address Current and foreseable usues is agriculture.

| | | | I.A -I | | | I.A -II | | | I.A -III | | | | |
|-----------------------------|-----|--------------|---|--------|---------|---------|---------|--------|----------|-------|--|--|--|
| Q.No's | | Max Marks | orks obtained Co's Marks obtained Co's Marks obtained | | | | | | | | | | |
| 1 | a | 5 | 4.75 | C01 | 8 | 8 | Co2 | 4 | 4 | COL | | | |
| | b | 4 | 9094 | COI | 4 | 4 | (02 | 4 | 4 | COH | | | |
| | С | 6. | 5.75 | COI | 3. | 3 | 002 | | | | | | |
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| CC | 1 | 10 | | | | | | | Casto | , | | | |
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| CC | 2 | 90 | Some of The baric Concepts related de Soil | | | | | | | | | | |
| | | | | serval | | | | | | | | | |
| CC | 3 | 15 | uple | | | rted t | to Soil | los | estima | tion | | | |
| | | | | M | odels | | | | | | | | |
| cc | 1 | Re | iogni 2 | e ing | sositan | Le que | aculous | Soil 0 | onderu | ction | | | |
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| C | 0.5 | | | | | | 0 | hyde | eo niete | Ly. | | | |
| C | , , | | | | | | B | 0 | | | | | |

| | PROGRAM OUTCOMES (POs) |
|------|--|
| DOA | Engineering Knowledge : Apply the knowledge of mathematics, science, Engineering fundamentals and |
| PO1 | an engineering specialization to the solution of complex engineering problems |
| | Problem analysis : Identify formulate review research literature and analize complex engineering problems |
| PO2 | reaching substantiated conclusion using first principles of mathematics natural sciences and engineering |
| | sciences |
| | Design / development of solutions : Design solution for complex engineering problems and design system |
| PO3 | components or processes that meet the specified needs with appropriate consideration for the public health |
| | and safety and the cultural societal and environmental considerations |
| 201 | Conduct investigations of complex problems: Use research based knowledge and research methods |
| PO4 | including design of experiments alalysis and interpretation of data and synthesis of the information to provide |
| | valid conclusions |
| | Modern tool usage : Create select and apply appropriate techniques resources and modern engineering |
| PO5 | and IT tools including prediction and modeling to complex engineering activities with an understanding of the |
| | limitations |
| PO6 | The engineer and society : Apply reasoning informed by the contextual knowledge to assess societal |
| 100 | health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| | engineering practice |
| | Environment and sustainability: Understand the impact of the professionals engineering solution in |
| P07 | scoletal and environmental contexts and demonstrate the knowledge of and need for sustainable |
| | development |
| PO8 | Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the |
| | engineering protice Individual and team work: Function effectively as an individual and as a member or leader in diverse teams |
| PO9 | and in multidisciplinary settings |
| | Communication: communicate effectively on complex engineering activities with the engineering community |
| PO10 | and with society at large such as being able to comprehend and write effective reports and design documen- |
| | tation make effective presentations and give and receive clear instructions |
| | Project management and finance : Demonstrate knowledge and understanding of the engineering and |
| PO11 | management principles and apply these to one's own work as a member and leader in a team to manage |
| | projects and in multidisciplinary enviroments |
| PO12 | Life long learning: Recognize the need for and have the preparation and ability to engage in independent |
| PUIZ | and life long learning in the broadest context of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| DCO1 | laring knowledge of basic & eng Sciences identify Challeyes in agricultural Eng. & design Sustainable Galutins. |
| PSO1 | Entorace proper decisadogy to Persue a Succeptul professional Cancer in agrosinde -smo, gov't agencies, educational & research institutes. |
| PSO2 | |
| PSO3 | a world q is creary decludogies title maintaining protectioned |
| PSO4 | Others. |
| | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| PEO1 | To give Students a thorough education. So they Com Some paroblems Related to parmers of the persone higher education. |
| PEUT | to farners I to persue higher calication. To equip graduates with the knowledge they need to furction sucretion tractor food proceed, in tractor food proceed, in the technologies I can pine them to take on so expose students to cuttery edge technologies. I can pine them to take on so expose students to cuttery edge technologies I can pine them to take on |
| PEO2 | in tractor tood proceey, irrigation of scenarios & energy tources |
| PEO3 | new challeges, do address theory research of skill development. |
| | New Cutary, as marry |
| PEO4 | MRP:Rs. 4 |



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INTERNAL ASSESSMENT ANSWER BOOK

| Test | Date | Signature of | Maximum Marks Marks Obtained | | Signature of the Student with | Signature of the Teacher with Date | |
|----------|------------|-------------------------------------|------------------------------------|------|-------------------------------|--|--|
| 1651 | | the invigilator | | | Date | | |
| 1 | 2/1/2024 | Rast. | 19 | | Baff 12034 | 03-1-24 | |
| II | 10/2/2024 | 803 | 26 | | Profes of som | 8 11-22 | |
| III | 6/3/2024 | 1 | 22 | | 610 A.C. (3/ 30.30) | E (-3-22 | |
| IA | Bestotator | U U | 41: | >15 | CU | | |
| Assign | | Average-Marks | = 10 Rthy 50 | | | | |
| Practic | Average | e of Assignment/ uiz/Seminar etc | 19 | 25 | J | | |
| | | Grand Total | | 50 | | | |
| Marks in | words | | Filt | _ | | | |
| ame | | . Psg. | na Shree | Ĭain | | | |
| SN | | :HAL | 22AG013 | | | Internal Assessment ? | |
| em. & Se | ction | : III'rd | | | | 50 | |
| | me / Code | | L (BAG3 | | | Max Marks SD: | |
| | ne Faculty | . 81. 7 | Vinuta M. | Beta | aeri | | |

Signature of the Faculty

| | PROGRAM OUTCOMES (POS) PROGRAM OUTCOMES (POS) A solihomatics, science, Engineering fundamentals and |
|--------|--|
| | |
| - | Engineering Knowledge : Apply the knowledge |
| P01 | analize Complex engineering problems |
| | Problem analysis: Identify formulate review research literature and arrange of mathematics natural sciences and engineering reaching substantiated conclusion using first principles of mathematics natural sciences and engineering |
| PO2 | Lateriated conclusion dama |
| | law engineering problems and design system |
| | Design / development of solutions Design solutions Design development of solutions Design development developm |
| PO3 | components or processes that meet the specific ansiderations |
| | and safety and the cultural societal and environmental safety and the cultural societal safety and the cultural societal safety and the cultural safety and the cultural societal safety and the cultural safety and the |
| NIN SE | Conduct investigations of complex problems: Use research based knowledge of the information to provide including design of experiments alalysis and interpretation of data and synthesis of the information to provide |
| P04 | including design of experiments alalysis and interprotection |
| | valid conclusions Modern tool usage: Create select and apply appropriate techniques resources and modern engineering of the |
| | Modern tool usage : Create select and apply appropriate techniques and IT tools including prediction and modeling to complex engineering activities with an understanding of the |
| PO5 | and IT tools including prediction and modeling to complete |
| | The engineer and society : Apply reasoning informed by the contextual knowledge to assess societal |
| 200 | The engineer and society : Apply reasoning informed by the professional health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| P06 | |
| | engineering practice Environment and sustainability: Understand the impact of the professionals engineering solution in |
| | scoietal and environmental contexts and demonstrate the knowledge of and need for sustainable |
| P07 | |
| | development Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the |
| P08 | engineering protice |
| | Individual and team work: Function effectively as an individual and as a member or leader in diverse team |
| PO9 | and in multidisciplinary settings |
| | Communication: communicate effectively on complex engineering activities with the engineering communit |
| PO10 | and with society at large such as being able to comprehend and write effective reports and design documen- |
| | tation make effective presentations and give and receive clear instructions |
| | Project management and finance: Demonstrate knowledge and understanding of the engineering and |
| PO11 | management principles and apply these to one's own work as a member and leader in a team to manage |
| | projects and in multidisciplinary enviroments |
| PO12 | Life long learning: Recognize the need for and have the preparation and ability to engage in independent |
| | and life long learning in the broadest context of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PSO1 | in agricultural engineering and derical sustainable a pluttant |
| PSO2 | Embrace proper technology, resources and modelling to persue a |
| PSO3 | Take The contract of the state |
| PSO4 | Letated brisiness for the good by Society engineering and |
| 1304 | |
| | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| PEO1 | Science & pariculture and understanding of the principles of maths. |
| PEO2 | In partie alle de la company d |
| | in and in succession |
| DECO | take on new challenges to cutting edge technology and inspire them to |
| PEO3 | and him challenges to address sources as a sepiration to |

| | | INT | TERNA | L ASS | SESSME | ENT MA | ARKS | ENTRY | | | | |
|--------------------------------|---|--------------|--|---------|--|-------------------|---------|---------------|-------------------|---------------|--|--|
| | | | I.A -I | | | I.A -II | | | I.A -III | | | |
| Q.No's | | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's | | |
| 1 | a | | | | | | | 5 | 4+1 | 03 | | |
| | Ь | | | | | | | 5 | 4+1 | co3 | | |
| | c | | | | 01 | R | | 5 | 5 | C03 | | |
| 2 | а | 6 | 5.5 | 001 | 10 | 8+1,5 | coa | | | | | |
| | b | 6 | 5.5+ | (0) | 5 | 5 | 002 | | | | | |
| | С | | 0.5 | | | | | | | | | |
| 3 | а | | | | ₩5 | H+0.5 | 102 | 3 | 41 | C04 | | |
| | b | | | | 5 | 3+2 | 02 | 5 | 5 | COLP | | |
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| 4 | b | 8 | 3.5 | (0) | | | | | | | | |
| | С | 1 | 1 | COI | | | | | | | | |
| 44 26 200 | | | | | | | | | | 3 | | |
| TOTAL 25 19.04 25 2043 25 2243 | | | | | | | | | | | | |
| | | | | CO | URSE O | UTCOM | ES | , | 14 | n datame | | |
| CO 1 | 1 | Acqui | verties | a und | erstan | der n | soil, | starry Cer | ty the | o determen | | |
| CO | 2 | Able | to o | leterni | re per | neality knowle | dge o | perty | stresse | s and s dece | | |
| | | to 1 | to seepage and effective strength. Able to estimate shear strength parameters to different types of soils using the data of different shear text | | | | | | | | | |
| CO 3 | 3 | Able | r to | estim | ut so | els un | thengt | n parc | rol di | Guent shear A | | |
| | | 100 | 4 1 | | 10 00 | Heal | molds | ma hal | ated + | 5 | | |
| CO 4 | | | | | re prac | near f | 271100 | Jus Mil | L | | | |
| | | Sula | ring. | capac | The state of the s | in a | da | of to | odan | rental | | |
| CO 5 | | Par | MAS | asa | una 1 | aunou | righ. | 0 00 | (and) | rental | | |
| | | -huin | c2010 | A X100 | modotical | 1 | | | | - | | |
| CO 6 | | Snal | yre to | re vlr | corred | spati | as ac | uu XV | (01) | ours, | | |
| | | 100/11 | mes | Represe | ert 3D | on pla | re High | ures a | 1 cont. | ours. | | |

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- * To bestow quality technical education to imbide knowledge creativity and ethos to students community
- * To inculcate the best engineering practices through transformative education
- * To develop a knowledgeable individual for a dynamic industrial scenario
- * To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

To serve the country by producing high calilier technocrats who can combine farming with engineering and technology interventions and contribute to global food security and surtainable growth of agriculture production.

MISSION OF THE DEPARTMENT

To smpact knowledge by establishing an environment that is conducive to Leaching and learning.

To create agriculture engineers who are both technically proficient and morally admirable in order to benefit society.

To develop and enhance novel technologies to address current and foreselble issues in agriculture



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Shobhavana Campus, Mijar--574227, Moodbidri, D.K

INTERNAL ASSESSMENT ANSWER BOOK

Branch: AGRICULTURE ENGINEERING.

| Test | Date | Signature of the invigilator | Maximum Marks Marks Obtained | Signature of the Student with Date | Signature of the Faculty with Date |
|----------------------------------|------------|------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 1 | 04 06 2021 | di-c-24 | 18.500 | Salliels M H/6/24. | (a-6-24 |
| H | 09/07/2024 | Root | 18.5 | 5 2 tulum 09/7/24. | 1929 2 |
| 111 | 26 07 2024 | 803/13/14 | 18.8 | Saflier M | 0 8-2re |
| | | Total Marks | 59 | | |
| | | Average Marks | do | 50 | 150 |
| Average of Assi Average Pract | | r IPCC Course) | 20 | | [30 |
| | | Grand Total | 998撒生1 | LB/+184 | |
| Marks in | words | | Ritty or | oly | |

Name

USN

Sem. & Section

Course Name / Code

Name of the Faculty

, SANTHOSH, M

4ALZIAG028

VI 4 'A' - Section

Waste Land Development / 21AG6H4

Dr. VINUTA M BETAGERI.

Internal Assessment Marks
Max Marks

Signature of the Faculty

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

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- * To inculcate the best engineering practices through transformative education
- * To develop a knowledgeable individual for a dynamic industrial scenario
- * To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

To seme the Country by perducing high caliber tech - noterate belo can Combine fromwing with engineering & Technology internations of Contecibrate its Blobal pood Security and Ruterinable growth is agriculture production.

MISSION OF THE DEPARTMENT

MI:- To impart knowledge by establishing an envision -new that is conductive to teaching and leaving Ma! To Counte agriculture engineers bello are both tech - nically prespecient and morally dolunismoble is order to benefit Society. M31. To develop and enhance novel technologies to

addres Curves & foreistable issues is apriculture.

| | | IN | TERNA | LASS | ESSM | ENT M | ARKS | ENTRY | | | | | | |
|--|----------------------|--------------|--|-------------|--------------|---------------------------|---------|--------------|-------------------|------------|--|--|--|--|
| | | | I.A -I | | | 1.A -II | | | I.A -III | | | | | |
| Q.No's | | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's | Max Marks | Marks obtained | Co's | | | | |
| 1 | а | 5 | 4.5 | 1 | | | | 5 | 4.5 | 3 | | | | |
| | b | 5 | 4.5 | 1 | | | | 5 | 4.5 | 3 | | | | |
| | С | | | | | | | | | | | | | |
| | | | OR 2 | | | | | | | | | | | |
| 2 | a | | | | 3 | 3 | 1 | | | | | | | |
| | b | | | | 4 | 3.5 | 1 | | | | | | | |
| | c | | | | 3 | 3 | | 1) | | | | | | |
| 3 | a | 5 | 4.5 | 1 | | | | 4 | 4 | 4 | | | | |
| | b | 5 | 3.5 | 1 | | - A | | 4 | 3.5 | 4 | | | | |
| | C | | | | | | | 2 | 2. | 2 | | | | |
| | | | | | V | OR | | 1 | 1 | | | | | |
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| | b | | | | 2 | 4.0 | 2 | | | | | | | |
| | C | | | | | | | 1 | | | | | | |
| TOTA | AL | 20. | 18 | | 20 | 18.0 | | 20 | 18.5 | | | | | |
| | | | | - | OUDCE (| OUTCOM | IES | | | | | | | |
| | | | | CO | DURSE | OUTCON | nt ou | d Can | ner a da | wd, | | | | |
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| | | Stu | study about socio-economic pouspectives q wasteland. development, governament policies and participat | | | | | | | | | | | |
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| CC | 05 | 4 1 | ALIND | 014 1 0 4 4 | VILLU | tries. | | | | | | | | |
| | | C | Be purficient about the integrated watershed management peractices. | | | | | | | | | | | |
| CO 6 | | 10 | Formulation q project peroposal for watershed hanagement perogramme. | | | | | | | | | | | |

| | PROGRAM OUTCOMES (POs) |
|--------------------------------------|--|
| P01 | Engineering Knowledge: Apply the knowledge of mathematics, science, Engineering fundamentals and |
| | an engineering specialization to the solution of complex engineering problems |
| PO2 | Problem analysis : Identify formulate review research literature and analize complex engineering problems |
| 102 | reaching substantiated conclusion using first principles of mathematics natural sciences and engineering sciences |
| | Design / development of solutions : Design solution for complex engineering problems and design system |
| PO3 | components or processes that meet the specified needs with appropriate consideration for the public health |
| | and safety and the cultural societal and environmental considerations |
| P04 | Conduct investigations of complex problems: Use research based knowledge and research methods |
| P04 | including design of experiments alalysis and interpretation of data and synthesis of the information to provide |
| | valid conclusions |
| PO5 | Modern tool usage : Create select and apply appropriate techniques resources and modern engineering |
| 103 | and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations |
| | The engineer and society : Apply reasoning informed by the contextual knowledge to assess societal |
| P06 | health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| | engineering practice |
| | Environment and sustainability: Understand the impact of the professionals engineering solution in |
| P07 | scoietal and environmental contexts and demonstrate the knowledge of and need for sustainable |
| | development |
| PO8 | Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the |
| 100 | engineering protice |
| PO9 | Individual and team work: Function effectively as an individual and as a member or leader in diverse teams |
| PUS | and in multidisciplinary settings |
| PO10 | Communication : communicate effectively on complex engineering activities with the engineering community |
| | and with society at large such as being able to comprehend and write effective reports and design documentation make effective presentations and give and receive clear instructions |
| 4 | Project management and finance: Demonstrate knowledge and understanding of the engineering and |
| PO11 | management principles and apply these to one's own work as a member and leader in a team to manage |
| | projects and in multidisciplinary environments |
| PO12 | Life long learning: Recognize the need for and have the preparation and ability to engage in independent |
| FUIZ | and life long learning in the broadest context of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PSO1 | using trigulade of bayers & Eng Sciences, identify challers is A.F & |
| PSO2 | Emblee Proper tech resources & knodelly to puerue a succeptly protocial |
| PSO3 | Take The ichihatin in the growth of A.E. Adapt for a world of inercasy |
| PSO4 | to churchages theile maintaining puls famount etties. |
| | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| DECA | To give Students attempts education of Principles of Matter Science of Art |
| PEO1 | Softeen Can Sohre Balablens seelbled to Ly franchers, |
| PEO2 | To equip graduates with the knowledge they need to function succession to securewaste everyy welds. |
| PEO3 | To expose students to Culty edge technologies of inspire them to take by hew challeys to endrew Cocietal of nations is my thereofs research |
| PEO4 | enterpreneraship & Skill Scireloput |
| Name and Address of the Owner, where | |



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(Accredited by NAAC with A+ Grade)

Shobhavana Campus, Mijar--574227, Moodbidri, D.K

INTERNAL ASSESSMENT ANSWER BOOK

| Dialici | · Agii | cultural | Engineering | | |
|----------------|-----------|------------------------------|------------------------------------|------------------------------------|--|
| Test | Date | Signature of the invigilator | Maximum Marks Marks Obtained | Signature of the Student with Date | Signature of the Faculty with Date |
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| | IA | Total Marks | 25 | 50, | |
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Signature of the Faculty

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- * To bestow quality technical education to imbide knowledge creativity and ethos to students community
- To inculcate the best engineering practices through transformative education
- * To develop a knowledgeable individual for a dynamic industrial scenario
- * To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

To sewe the country by producing high caliber Lutrounds who can combine farming with engineering and Lutrology interventions and contribute to global food security and sustainable queeth in agricultural productions

MISSION OF THE DEPARTMENT

MI: To impact knowledge by establishing an environment that is conducive to teaching and leaving

M2: To suate agricultural engineers who are both technically profesent and morally admirable

M3: To duclop and enhance novel technologies to address awent and forestelle issues in agriculture

| | | IN | TERN | ALASS | SESSM | ENT M | ARKS | ENTRY | | |
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| | | | I.A -I | | | I.A -II | | | I.A -III | |
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| TOTAL | - 1 | 25 | 24.5 | | 25 | 25 | | 25 | 25 | |

| | COURSE OUTCOMES |
|------|--|
| CO 1 | Understand the basic principles of fluid michanics |
| CO 2 | Sequire the baric knowledge of flued dynamics and |
| CO 3 | Industand the nature of flow and flow over |
| CO 4 | Draws of GD packages and the need for GO andying |
| CO 5 | Londuct basic exporments of fluid mechanics and understand the experimental uncertainities |
| CO 6 | |

| | PROGRAM OUTCOMES (POs) |
|------|--|
| P01 | Engineering Knowledge: Apply the knowledge of mathematics, science. Engineering fundamentals and an engineering specialization to the solution of complex engineering problems |
| PO2 | Problem analysis: Identify formulate review research literature and analize complex engineering problems reaching substantiated conclusion using first principles of mathematics natural sciences and engineering sciences |
| PO3 | Design / development of solutions: Design solution for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations |
| P04 | Conduct investigations of complex problems: Use research based knowledge and research methods including design of experiments alalysis and interpretation of data and synthesis of the information to provide valid conclusions |
| PO5 | Modern tool usage : Create select and apply appropriate techniques resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations |
| P06 | The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal health safety legal and cultural issues and the consequent responsibilities relevent to the professional engineering practice |
| P07 | Environment and sustainability: Understand the impact of the professionals engineering solution in scoietal and environmental contexts and demonstrate the knowledge of and need for sustainable development |
| PO8 | Ethics: Apply ethical principles and commit to professionals ethics and responsibilities and norms of the engineering protice |
| PO9 | Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings |
| PO10 | Communication: communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation make effective presentations and give and receive clear instructions |
| PO11 | Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work as a member and leader in a team to manage projects and in multidisciplinary environments |
| PO12 | Life long learning: Recognize the need for and have the preparation and ability to engage in independent and life long learning in the broadest context of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PSO1 | Using knowledge of baric and engineering sciences, identify the challenges |
| PSO2 | Embraa proper technishases, serousces and modiling to persue a |
| PSO3 | Take the its Hative is growth of agricultural engineering and related |
| PSO4 | DDOODAN EDWA EDWA EDWA EDWA EDWA EDWA EDWA EDWA |
| | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| PEO1 | To give students a thorough understanding of the principles of mathematics. Science and agricultural engy, so they can solve practions. To equip graduated with the knowledge they bried to frinction successful |
| PEO2 | To expore stydents to sutting adar technology and snaping them to to |
| PEO3 | on a new challenges to addlers societal in lies through severity |
| PEO4 | entepereuship and skill development. |



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INTERNAL ASSESSMENT ANSWER BOOK

Branch: computer Scheme and Engineering.

| Test | Date | Signature of the invigilator | Maximum Marks | Signature of the Student with Date | Signature of the Teacher |
|----------|----------|----------------------------------|------------------|--|--------------------------|
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| 11 | 08/02/24 | bur | 18 | 02 102/24 | A 2/21 |
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Sem. & Section

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45 Mil Marka

Course Name / Code

: Computer Network Joics 52

1 .

Name of the Faculty

Dr. Aslam B Handyal

Signature of the Faculty

Transformative education by pursuing excellence in Engineering and Mangement through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- To bestow quality technical education to imbide knowledge creativity and ethos to students community
- To inculcate the best engineering practices through transformative education
- To develop a knowledgeable individual for a dynamic industrial scenario
- To inculcate research entrepreneurial skills and human values in order to cater the needs of the society

VISION OF THE DEPARTMENT

"Engendering computers, excellent projess for as sy transforming the knowledge and computery sports to knowledge through modern removation toxes in techniques."

MISSION OF THE DEPARTMENT

- · 10 produce Skilled (routine Software developer through
- · to windred specific technological development a transformation
- · To simplement fee for as y ness and & sens tochous For buterds cop throng danciens
- · TO establish Endustry Enstitute Suspaceus program to enhance the Skills of employability & ruley telling.

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| | COURSE OUTCOMES |
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| | Explane Different Design. Posters of the deute fint laver |
| CO 2 | and wars to tactic in channel allocation prosum. |
| | Delign the national constaining for various design It I no |
| CO 3 | touting assyrtuates conjunes contines argoverns |
| | Another transport layer promots and congoner |
| CO 4 | country motions of the fram not layer |
| | Explore powercols at the application legar fure a |
| CO 5 | HITP, SMIP, DWS, etc. |
| CO 6 | |

| | PROGRAM OUTCOMES (POs) |
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| | Engineering Knowledge: Apply the knowledge of mathematics, science. Engineering fundamentals and |
| PO1 | an engineering specialization to the solution of complex engineering problems |
| | Problem analysis Identify formulate review research iterature and analize complex engineering problems |
| PO2 | reaching substantialed conclusion using first principles of mathematics matural sciences and engineering |
| | sciences |
| - | Design / development of solutions Design solution for complex engineering problems and design system |
| PO3 | components of processes that meet the specified needs with appropriate consideration for the public health |
| | and safety and the cultural societal and environmental considerations |
| PO4 | Conduct investigations of complex problems. Use research based knowledge and research methods including design of experiments also said interpretation of data and synthesis of the information to provide |
| | valid conclusions |
| | Modern tool usage - Create select and apply appropriate techniques resources and modern engineering |
| PO5 | and IT tools including pradiction and modeling to complex engineering activities with an understanding of the |
| | limitations |
| | The engineer and society Apply reasoning informed by the contextual knowledge to assess societal |
| P06 | health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| | engineering practice |
| -50 | Environment and sustainability. Understand the impact of the professionals engineering solution in |
| P07 | scoicial and environmental contexts and demonstrate the knowledge of and need for sustainable |
| | Ethics : Apply ethical principles and commit to professionals ethics and responsibilities and norms of the |
| PO8 | angineering profice |
| | Individual and team work Function effectively as an individual and as a member or leader in diverse teams |
| PO9 | and in multidisciplinary settings |
| PO10 | Communication : communicate effectively on complex engineering activities with the engineering community |
| | and with society at large such as being able to comprehend and write effective records and design documen- |
| - | Project management and finance : Demonstrate knowledge and understanding of the engineering and |
| PO11 | management principles and apply these to one slown work as a member and leader in a team to manage |
| 1011 | projects and in multideciplinary enviroments |
| PO12 | Life long learning. Recognize the need for and have the preparation and ability to engage in independent |
| 10000 | and life long learning in the broadest context of technological change |
| - | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PSO1 | Du about managent sylven we's dering multimedo. |
| PSO2 | The publify to some meal-would mostly by his rese matured |
| PSO3 | browness to done and grant some consumer consumer |
| PSO4 | the total state of succession to the succession |
| | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| PEO1 | Extense fundament strager how come of compute engineers to |
| PEO2 | Adapt and warther howards but change technological change |
| PEO3 | Employed in computer profession mangaged to the nurse leg has studies. |
| PEO4 | |
| | |



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INTERNAL ASSESSMENT ANSWER BOOK

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| Signature of the Faculty Signature of the HoD | | 24 | | | | Rej | |

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MISSION OF THE INSTITUTE

- * To bestow quality technical education to imbide knowledge creativity and ethos to students community
- To inculcate the best engineering practices through transformative education
- To develop a knowledgeable individual for a dynamic industrial scenario
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VISION OF THE DEPARTMENT

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques"

MISSION OF THE DEPARTMENT

M1: To produce skilled, creative software developers through sigorous training.

M2: To conduct specific technical courses to keep ableant to latest technologies

M3: To establish Industry-Institute Interaction programs.

M4: To implement the Ideas of research and innovations in interdireiplinary domains.

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| | PROGRAM OUTCOMES (POs) |
|-------------|--|
| nor | Engineering Knowledge : Apply the knowledge of mathematics, science, Engineering fundamentals and |
| PO1 | an engineering specialization to the solution of complex engineering problems |
| PO2 | Problem analysis Identify formulate review research transfer and analize complex engineering problems |
| | eaching substantiated conclasion using first principles of mathematics natural sciences and engineering |
| | sciences |
| | Design I development of solutions: Design solution for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health |
| PO3 | components or processes that meet no spanned rests will have been and environmental considerations |
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| PO4 | including design of experiments alelytic and interpretation of data and synthesis of the information to provide |
| | valid conclusions |
| PO5 | Modern tool usage Create select and apply appropriate techniques resources and modern engineering |
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| PO6 | The engineer and society : Apply reasoning informed by the confextual knowledge to assess occietal |
| | health safety legal and cultural issues and the consequent responsibilities relevent to the professional |
| | engineering practice |
| P07 | Environment and sustainability - Understand the moset of the professionals engineering solution in |
| | scores and environmental contexts and demonstrate the knowledge of and need for sustainable |
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| | engineering pittilitie |
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| | and in multidisciplinary settings Communication; communicate effectively on complex engineering activities with the engineering communication. |
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| | Life and a Warton remarksions and one and receive clear natructions |
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| | management principles and apply these to one's own work as a member and leader in a team to manage |
| | trojects and in multideciplinary environments |
| PO12 | Life long learning. Recognize the need for and have the preparation and ability to engage in independent |
| | and life long learning in the broadest contact of technological change |
| | PROGRAM SPECIFIC OUTCOMES (PSOS) |
| PS01 | The state of the s |
| PSO2 | Problem - solving shells: The ability the solve healings |
| PSO3 | successful lareer and Entrepreuship: Knayledge on |
| PSO4 | and tenfore source |
| P304 | PROGRAM EDUCATIONAL OBJECTIVES (PEOS) |
| September 1 | Exhibit the knowledge and Millerte to adapt to the dimanic of a co-operate working environment |
| PEO1 | the dipamic. |
| PEO2 | Bet adapted to a co-operate working environmen |
| PEO3 | get engaged in an Innovative sauch to exploid. |
| PEO4 | |
| FEUN | MRP:Rs. |