



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)

Affiliated to Andhra University | Accredited by NAAC with B++ Grade

(PG-MBA and UG Engineering B.Tech, (CE, CSE, ECE and ME) Programs are Accredited by NBA

Visakhapatnam - 530 045. Ph : 0891 2953719

E-mail : principalgvpdpgea@gmail.com, Website : www.gvpdpgea.edu.in

MINUTES OF THE MEETING OF BOARD OF STUDIES HELD ON 29.07.2024 IN THE DEPARTMENT OF MECHANICAL ENGINEERING OF GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND P.G. COURSES (AUTONOMOUS).

Members Present:

Chairman:

1.

Dr. Ch. Himagireesh,
Associate Professor & Head of the Department,
Gayatri Vidya Parishad College for Degree and PG Courses (A),
Visakhapatnam.

Vice Chancellor's Nominee

2. Dr. N. Ramanaiah,
Professor, Department of Mechanical Engineering,
AU College of Engineering (A),
Andhra University, Visakhapatnam.

Academic Council's Nominees

3. Dr. D. Srinivasa Rao,
Professor, Department of Mechanical Engineering,
G. V. P. College of Engineering,
Visakhapatnam.
4. Dr. G.B. Veeresh Kumar,
Assistant Professor, Department of Mechanical Engineering,
National Institute of Technology-Andhra Pradesh.
Tadepalligudem, West Godavari (District).

Representative from the Industry/corporate body

5. Sri. Dali Raju Golla,
Sr. Manager,
Cyient India,
Hyderabad.

Members of B.O.S. of the Department

1. Dr. P. V. Vinay, Professor
2. Dr.B.V.S. S Arun Kumar, Associate Professor
3. Sri M.V. Prasad, Assistant Professor
4. Sri. P. Krishna Murthy, Assistant Professor
5. Sri. Ch. Murali, Assistant Professor
6. Smt. Taj, Assistant Professor
7. Smt. P. Kiranmayi, Assistant Professor
8. Sri.K. Sai Kiran Kumar, Assistant Professor

SYLLABUS APPROVED & RATIFIED

Capul
CHAIRMAN
B.O.S.

Vision : Creating Human Excellence for a Better Society

Mission : Unfold into a world-class organisation with strong academic and research base, producing responsible citizens to cater to the changing needs of the society

Alumni Student

1. Sri.G. Bhanu Pavan Kumar,
Jr. Engineer,
RINL,
VIZAG

Resolutions:

- 1) Resolved that the BOS approved the Course structure and syllabus for III-I and III-II of Regulation-2022 (with effective from 2022-23 admitted batch).
- 2) Resolved to modify the syllabus of **Theory of Machines-II** course outcomes were modified and V-Engine is included in unit-III.
- 3) Resolved to modify the syllabus of **Metrology**, to include the objectives, simple problems on Limits, fits and tolerances are included in unit-I and also included mechanical comparator, optical comparator, pneumatic comparator, electrical comparator in Unit-III.
- 4) Resolved to modify the syllabus of **Rapid Prototyping: Principles**, fundamental file formats, and other translators are included in Unit-I. In Unit-II, separate solid-based and liquid-based prototyping systems and also included solid ground curing in the liquid-based prototyping systems. Included RP applications in Unit-V.
- 5) Resolved that the BOS approved the syllabus of **Unconventional Machining Processes** with a few changes, such as titles for each unit being edited and the inclusion of uniform parameters, applications and principles.
- 6) Resolved that the BOS approved the syllabus of **Automobile Engineering** and recommended including Kripal Singh's textbook as the main textbook.
- 7) Resolved that the open elective subject **Basic Mechanical Engineering** must include thermodynamic cycles in Unit III. In Unit V completely revised and included the additive manufacturing along with the manufacturing process.
- 8) Resolved to modify the syllabus of **Manufacturing Technology Lab-II** divided into two sections: Part A (experiments related to machine tools) and Part B (experiments related to testing of sand properties).
- 9) Resolved to introduce a subject titled "**Production Technology (Minors subject)**" in third-year students in the first semester. In Unit II, the bulk deformation process is replaced with the welding process as per the suggestions of BOS members.

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- 10) Resolved to introduce a subject titled "**Smart Materials (Honors)**" in third-year students in the first semester. It was recommended by BOS members to reduce the syllabus for **Smart Materials (Honors)**.
- 11) Resolved that the Board of Studies (BOS) has approved the syllabus for **Industrial Engineering**, titles of each unit are included as per suggestions of BOS members.
- 12) Resolved to introduce a subject titled "**Flexible Manufacturing System**", "for third-year students in the first semester incorporating the suggestions to change the title for Unit III and including H.K. Shivananda's textbook.
- 13) Resolved to introduce a laboratory course titled "**Introduction to Microsoft Essentials**" for third-year students in the first semester.
- 14) Resolved that the BOS approved the syllabus of "**Industrial Management and Entrepreneurship**" for Electronics and Communication Engineering Department.
- 15) It is recommended by BOS members to allow students to complete their MOOCs in any semester during their period of study.

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Rushikonda, Visakhapatnam-530 045 | website: www.gvpdpgc.edu.in

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ENGINEERING AND TECHNOLOGY PROGRAM DEPARTMENT OF MECHANICAL ENGINEERING (PROGRAM ACCREDITED BY NBA)

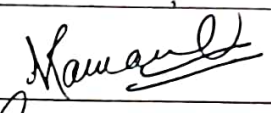
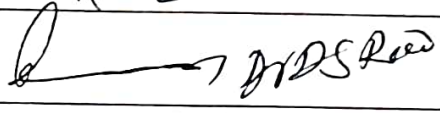

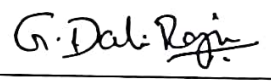
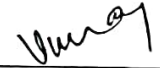




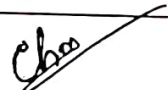

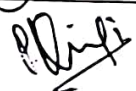

The following experts/Members have been attended for Board of Studies meeting of Mechanical Engineering on 29.07.2024 (Monday). To Approve the R-22, III-I, III-II syllabus.

| Members of Board of Studies | | Signatures |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------|
| Chairman | Dr. Ch.Himagireesh, Head of the Department | |
| Nominee of the Vice Chancellor | Prof. N. Ramanaiah, Department of Mechanical Engineering, A. U. College of Engineering (A) | |
| Nominees of the Academic Council | Dr. D. Srinivasa Rao, Professor, Mechanical Engg G.V.P. College of Engineering, Kommadi, VSP | |
| | Dr. Veeresh Kumar G.B., Assistant Professor Department of Mechanical Engineering NIT, Tadepalligudem, Andhra Pradesh | |
| Representative from Industry | Sri. Dali Raju, Golla, Sr. Manager, Cyient India, Hyderabad. | |
| Meritorious alumnus | Sri. G. Bhanu Pavan Kumar Jr. Engineer, RINL, VIZAG | |
| Members of the Staff | 1) Prof. P.V. Vinay | |
| | 2) Dr.B.V.S Arun Kumar | |
| | 3) Sri. M.V. Prasad | |
| | 4) Sri. P. Krishna Murty | |
| | 5) Sri. Ch. Murali | |
| | 6) Smt.Taj | |
| | 7) Smt.P.Kiranmayi | |
| | 8) Sri.K.SaiKiran Kumar | |

Dean, Academic Affairs
Gayatri Vidya Parishad College
Degree and PG Courses(A)

Principal
Gayatri Vidya Parishad College
for Degree and PG Courses (A)
Visakhapatnam

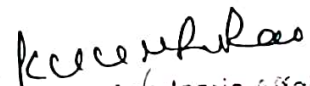
SYLLABUS APPROVED & RAHFILED
Chairman BOS
CHAIRMAN
B.O.S.

| S.No | Name | Signatures |
|------|--------------------------|--------------------------------------------------------------------------------------|
| 1. | Prof. N. Ramanaiah |  |
| 2. | Dr. D. Srinivasa Rao |  |
| 3. | Dr.G.B.Veeresh kumar |  |
| 4. | Sri. Dali Raju Golla |  |
| 5. | Prof. P.V.Vinay |  |
| 6. | Sri.G. Bhanu Pavan Kumar |  |
| 7. | Dr.B.V.S Arun Kumar |  |
| 8. | Sri M.V.Prasad |  |
| 9. | Sri.P.Krishna Murthy |  |
| 10. | Sri.CH.Murali |  |
| 11. | Smt.Taj |  |
| 12. | Smt.P.Kiranmayi |  |
| 13. | Sri.K.SaiKiran Kumar |  |


CHAIRMAN

SYLLABUS APPROVED & RATIFIED


CHAIRMAN
B.O.S.


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Gayatri Vidya Parishad College
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PRINCIPAL
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