

VAAGDEVI COLLEGE OF ENGINEERING
(Autonomous)

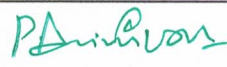

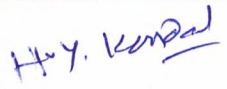
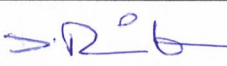

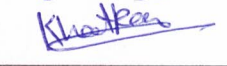
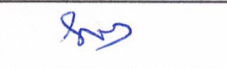
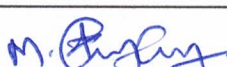
Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S)

DEPARTMENT OF MECHANICAL ENGINEERING

BOARD OF STUDIES MEETING

Minutes of meeting of Board of studies in Mechanical Engineering held on 11/02/2022 at 11:30am.

Members Present:

| S.No | Name and Address | Designation | Signature |
|------|--|---|---|
| 1 | Dr. P. Srinivasulu Head, MED, VCE, Warangal | Chairman |  |
| 2 | Dr. E.Ramjee Professor, MED, JNTUH CEH | Member (Univ. Nominee) |  |
| 3 | Mr. H. Yedukondala Rao DGM, Sriram Fuel Injection Works, Hyd. | Member (Representative from Industry) |  |
| 4 | Dr. Y. Ravi Kumar Asso. Professor, MED, NIT, Warangal | Member (Subject Expert) |  |
| 5 | Dr. L. Shiva Rama Krishna Professor, MED, UCE, Osmania University | Member (Subject Expert) |  |
| 6 | Dr. Parvesh Kumar Asst. Prof, MED, VCE, Warangal | Member (Teacher of the College) |  |
| 7 | Dr. Sanjeev Kumar Sajjan Asst. Prof, MED, VCE, Warangal | Member (Teacher of the College) |  |
| 8 | M. Anil Kumar Asst. Prof, MED, VCE, Warangal | Member (Teacher of the College) |  |
| 9 | G. Rakesh Kumar Design Engineer Tech Mahendra, Hyd | Member (Representative from Alumni) | |

The following decisions are taken:

1. Approved the Course structure of B.Tech. (R20-Regulations) for V, VI, VII & VIII Semesters.
2. Approved the syllabus of B.Tech. (R20-Regulations) for V, VI, VII & VIII Semesters.



CHAIRMAN
Board of studies
CHAIRMAN

Board of Studies, Mech. Engg. Dept.,
VAAGDEVI COLLEGE OF ENGINEERING
Bollikunta, Warangal (T.S)-506 005

**VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)**

**MECHANICAL ENGINEERING
COURSE STRUCTURE**

(Applicable for the batches admitted from A.Y. 2020-2021 onwards)

V-SEMESTER

| Sl. No. | Course Code | Title of the Course | L | T | P | Credits |
|--------------|-------------|---|-----------|-----------|-----------|-----------|
| 1 | | Metrology & Machine Tools | 3 | 0 | 0 | 3 |
| 2 | | Dynamics of Machinery | 2 | 1 | 0 | 3 |
| 3 | | Design of Machine Members-I | 3 | 0 | 0 | 3 |
| 4 | | Thermal Engineering-II | 2 | 1 | 0 | 3 |
| 5 | | Managerial Economics & Financial Analysis | 3 | 0 | 0 | 3 |
| 6 | | Project Based Learning -3 | 0 | 0 | 2 | 1 |
| 7 | | Thermal Engineering Lab | 0 | 0 | 3 | 1.5 |
| 8 | | Metrology & Machine Tools Lab | 0 | 0 | 3 | 1.5 |
| Total | | | 13 | 02 | 08 | 19 |

①
P. Srinivasulu
(Dr. P. Srinivasulu)

② E. Ramjee
(E. RAMJEE)

③ H. Y. Kondal
CH. YEDUKONDALARA

④ L. Siva Kumar
(Dr. L. Siva Kumar)

④
D. Y. Ravi Kumar
(Dr. Y. RAVI KUMAR)

⑥
K. Praveen Kumar
(Dr. Praveen Kumar)

⑦
Dr. Sanjeet Kumar
Sajjan

⑧ M. Anil Kumar
M. Anil Kumar

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VI-SEMESTER

| Sl. No. | Course Code | Title of the Course | L | T | P | Credits |
|--------------|-------------|--|-----------|-----------|-----------|-----------|
| 1 | | Design of Machine Member – II | 2 | 1 | 0 | 3 |
| 2 | | Heat & Mass Transfer | 2 | 1 | 0 | 3 |
| 3 | | Project Based Learning -4 | 0 | 0 | 2 | 1 |
| 4 | | OPEN ELECTIVE-I | 3 | 0 | 0 | 3 |
| 5 | | PROFESSIONAL ELECTIVE - I | 3 | 0 | 0 | 3 |
| | | Finite Element Methods | | | | |
| | | Mechatronics | | | | |
| 6 | | PROFESSIONAL ELECTIVE - II | 3 | 0 | 0 | 3 |
| | | Maintenance and Safety Engineering | | | | |
| | | Mechanics of Composite Materials | | | | |
| 7 | | PROFESSIONAL ELECTIVE-III | 3 | 0 | 0 | 3 |
| | | Unconventional Machining Processes | | | | |
| | | Design for Manufacture | | | | |
| 8 | | Heat Transfer Lab | 0 | 0 | 3 | 1.5 |
| 9 | | Advanced English Communications Skills Lab | 0 | 0 | 3 | 1.5 |
| 10 | | Environmental Sciences | 3 | 0 | 0 | 0 |
| Total | | | 19 | 02 | 08 | 22 |

①
Dr. P. Srinivasulu
(Dr. P. Srinivasulu)

② E. 2
(E. RAMJEE)

③ H.Y. Kondal
(CH. YEDUKONDALA RAO)

④
(Dr. Y. RAVI KUMAR)

⑤
(Dr. Siva Ramesh Krishna)

⑥ (Dr. Parvesh Kumar)

⑦
(Dr. Sanjeev Kumar Sajjan)

⑧ M. Anil Kumar

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VII-SEMESTER

| Sl. No. | Course Code | Title of the Course | L | T | P | Credits |
|--------------|-------------|---------------------------------------|-----------|-----------|-----------|-----------|
| 1 | | CAD/CAM | 3 | 0 | 0 | 3 |
| 2 | | Instrumentation & Control Systems | 3 | 0 | 0 | 3 |
| 3 | | OPEN ELECTIVE-II | 3 | 0 | 0 | 3 |
| 4 | | PROFESSIONAL ELECTIVE-IV | 3 | 0 | 0 | 3 |
| | | Production Planning & Control | | | | |
| | | Robotics | | | | |
| 5 | | PROFESSIONAL ELECTIVE-V | 3 | 0 | 0 | 3 |
| | | Additive Manufacturing | | | | |
| | | Mechanical Vibrations | | | | |
| | | Automobile Engineering | | | | |
| 6 | | CAD/CAM Lab | 0 | 0 | 3 | 1.5 |
| 7 | | Instrumentation & Control Systems Lab | 0 | 0 | 3 | 1.5 |
| 8 | | Mini Project & Internship | 0 | 0 | 0 | 2 |
| 9 | | Major Project Phase -I | 0 | 0 | 8 | 4 |
| Total | | | 15 | 00 | 14 | 24 |

①
P. Anitha
(Dr. P. Srinivasulu)

② E. 20
(E. RAMJEE)

③ H. Y. Kondal
(H. YEDUKONDALARAO)

④
D. R. D
(Dr. Y. RAVI KUMAR)

⑤
Dr. Kesava Rana Krishna

⑥
K. Ramesh
(Dr. Ramesh Kumar)

⑦
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m. Anil Kumar

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VIII-SEMESTER

| Sl. No. | Course Code | Title of the Course | L | T | P | Credits |
|--------------|-------------|-------------------------------------|-----------|-----------|-----------|-----------|
| 1 | | OPEN ELECTIVE-III | 3 | 0 | 0 | 3 |
| 2 | | PROFESSIONAL ELECTIVE-VI | 3 | 0 | 0 | 3 |
| | | Plant Layout & Material Handling | | | | |
| | | CNC Technologies | | | | |
| | | Jet Propulsion & Rocket Engineering | | | | |
| 3 | | Major Project Phase -II | 0 | 0 | 16 | 08 |
| 4 | | Technical seminar | 0 | 0 | 0 | 1 |
| Total | | | 06 | 00 | 16 | 15 |

①
P. Anirvan
(Dr. P. Srinivasulu)

② E. Ramjee
(E. RAMJEE)

③ H.Y. Kondal
(H. YEDUKONDALA RAO)

④
D. Ravikiran
(Dr. Y. RAVI KUMAR)

⑤ L. Siva Rama Krishna
(Dr. L. SIVA RAMA KRISHNA)

⑥ K. Hetta
(Dr. Parvath Kumar)

⑦
(Dr. Sanjeev Kumar Gijjan)

⑧ M. Anilkumar
M. Anilkumar

⑨

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OPEN ELECTIVES OFFERED TO OTHER DEPARTMENTS

| Sl. No. | Course Code | Title of the Course | L | T | P | Credits |
|---------|-------------|---------------------------------|---|---|---|---------|
| 1 | | Non-Conventional Energy Sources | 3 | 0 | 0 | 3 |
| 2 | | Robotics | 3 | 0 | 0 | 3 |
| 3 | | Mechatronics | 3 | 0 | 0 | 3 |

①
P. Srinivasan
(Dr. P. Srinivasan)

② E. Ramtee
(E. RAMTEE)

③ H. Y. Kondal
(H. YEDUKONDALA RAO)

④
> D. Ravikumar
(Dr. Y. RAVI KUMAR)

⑤
Dr. L. Siva Ram Kumar
(Dr. L. SIVA RAM KUMAR)

⑥
Khatun
(Dr. Parvath Kumar)

⑦
Dr. Sanjeev Kumar Sajjan
(Dr. Sanjeev Kumar Sajjan)

⑧ M. Anil Kumar
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