Table :Rubric for Term Work Assesment (Stage I)

Sr.NO	CRITERA	Marks 7th Sem	RUBRICS:Range of performance expressed as percentage of maximum maks allottsd to each criteria (1 to 5)				
			90%-100%	65%-75%	40%-50%	15%-25%	0%
1	Literature Review (In House Projects)	15	Proper review of referred Journals/Conference Papers Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper review of referred Journals/Conference Papers Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper review of referred Journals/Conference Papers Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper review of referred Journals/Conference Papers Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper review of referred Journals/Conference Papers Proper Observations from literature Proper Gap analysis Well defined Objectives of work
	Literature Review (Industry Sponsored Projects)	15	Proper study of process flow/product detail/industry problem/data/flow charts Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper study of process flow/product detail/industry problem/data/flow charts Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper study of process flow/product detail/industry problem/data/flow charts Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper study of process flow/product detail/industry problem/data/flow charts Proper Observations from literature Proper Gap analysis Well defined Objectives of work	Proper study of process flow/product detail/industry problem/data/flow charts Proper Observations from literature Proper Gap analysis Well defined Objectives of work
2	Problem Definition	5	Scope Relevance Understanding Significance	Scope Relevance Understanding Significeance	Scope Relevance Understanding Significance	Scope Relevance Understanding Significeance	Scope Relevance Understanding Significeance
3	Innovativeness	10	Innovation in work Benefit to society Thinking ability Modern techniques	Innovation in work Benefit to society Thinking ability Modern techniques	Innovation in work Benefit to society Thinking ability Modern techniques	Innovation in work Benefit to society Thinking ability Modern techniques	Innovation in work Benefit to society Thinking ability Modern techniques
4	Project work Progress	10	Steady Progress Self motivated Reminders not required Timely reporting	Steady Progress Self motivated Reminders not required Timely reporting	Steady Progress Self motivated Reminders not required Timely reporting	Steady Progress Self motivated Reminders not required Timely reporting	Steady Progress Self motivated Reminders not required Timely reporting
5	Presentation	10	Communication Organization of ppt Confidence Satisfactory Q & A	Communication Organization of ppt Confidence Satisfactory Q & A	Communication Organization of ppt Confidence Satisfactory Q & A	Communication Organization of ppt Confidence Satisfactory Q & A	Communication Organization of ppt Confidence Satisfactory Q & A
Total		50					

Project work assessment is done by external examiner appointed by the University. However internal evaluation is also done by the department using following rubrics.

Table :Rubrics for Internal Assessment (Stage II)

Sr.NO	CRITERA	Marks	RUBRICS:Range of performance expressed as percentage of maximum maks allottsd to each criteria (1 to 5)				
			90%-100%	65%-75%	40%-50%	15%-25%	0%
1	Work Book	20	Handling is careful, all fields filled, neatness in writing, quality of content is satisfactory	Handling is careful, all fields filled, neatness in writing, quality of content is satisfactory	Handling is careful, all fields filled, neatness in writing, quality of content is satisfactory	Handling is careful, all fields filled, neatness in writing, quality of content is satisfactory	Handling is careful, all fields filled, neatness in writing, quality of content is satisfactory
2	Timely Submission	20	Timely Reporting to Guide, Deadlines followed for submissions, Activity planning and completion in time, focus towards task completion	Timely Reporting to Guide, Deadlines followed for submissions, Activity planning and completion in time, focus towards task completion	Timely Reporting to Guide, Deadlines followed for submissions, Activity planning and completion in time, focus towards task completion	Timely Reporting to Guide, Deadlines followed for submissions, Activity planning and completion in time, focus towards task completion	Timely Reporting to Guide, Deadlines followed for submissions, Activity planning and completion in time, focus towards task completion
3	Technical Aspects	10	Use of appropriate Methodology, Design, Development and Analysis, Innovation and creativity, Data presentation (charts, tables, graphs)	Use of appropriate Methodology, Design, Development and Analysis, Innovation and creativity, Data presentation (charts, tables, graphs)	Use of appropriate Methodology, Design, Development and Analysis, Innovation and creativity, Data presentation (charts, tables, graphs)	Use of appropriate Methodology, Design, Development and Analysis, Innovation and creativity, Data presentation (charts, tables, graphs)	Use of appropriate Methodology, Design, Development and Analysis, Innovation and creativity, Data presentation (charts, tables, graphs)
4	Team work contribution	20	Participation and contribution, Listenin and sharing,, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listenin and sharing,, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listenin and sharing,, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listenin and sharing,, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listenin and sharing,, motivation/help other team members, acceptance to changes and constructive criticism
5	Aspects covered: Environment, safety, Ethics etc.	10	Student can recognize basic professional ethics, Consideration of environmental effect of project, understanding importance of safety, benefit of work to society	Student can recognize basic professional ethics, Consideration of environmental effect of project, understanding importance of safety, benefit of work to society	Student can recognize basic professional ethics, Consideration of environmental effect of project, understanding importance of safety, benefit of work to society	Student can recognize basic professional ethics, Consideration of environmental effect of project, understanding importance of safety, benefit of work to society	Student can recognize basic professional ethics, Consideration of environmental effect of project, understanding importance of safety, benefit of work to society

6	Report writing and it's quality	10	Concept and technical descriptions well explained, Writing is clear, logical and organized, results are clearly stated & presented with graphs, work is well specified future scope	Concept and technical descriptions well explained, Writing is clear, logical and organized, results are clearly stated & presented with graphs, work is well specified future scope	Concept and technical descriptions well explained, Writing is clear, logical and organized, results are clearly stated & presented with graphs, work is well specified future scope	Concept and technical descriptions well explained, Writing is clear, logical and organized, results are clearly stated & presented with graphs, work is well specified future scope	Concept and technical descriptions well explained, Writing is clear, logical and organized, results are clearly stated & presented with graphs, work is well specified future scope
7	Presentation	10	Clarity and confidence, preparation, PPT slides quality, Satisfactory answers to related questions	Clarity and confidence, preparation, PPT slides quality, Satisfactory answers to related questions	Clarity and confidence, preparation, PPT slides quality, Satisfactory answers to related questions	Clarity and confidence, preparation, PPT slides quality, Satisfactory answers to related questions	Clarity and confidence, preparation, PPT slides quality, Satisfactory answers to related questions
Total		100					

Prof. (Dr.) N. R. Wankhade
Head of Department

Late G. N. Sapkal College of Engineering
Shiland
Nashik
422 212

Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering, Nashik

Anjaneri, Trimbakeshwar Road, Nashik

Department of Mechanical Engineering

Final Year Project Evaluation Sheet

Academic Year: 2022-23 **Sem-I**

Academic Year	Group No.	Name of Student	Name of Guide/Mentor	Project Title	Literature Review (10)	Problem definition & Statement (10)	Innovativeness (10)	Project works progress (10)	Presentation (10)	Total 50
	1	Bhavar Kiran Devidas	Prof. T. Y. Badgujar	Automatic seatbelt Integrated Handbreak system	7	7	8	7	8	37
		Kere Sanket Prakash			7	7	8	7	8	37
		Pawar Digvijay Nandkishor			7	7	8	7	8	37
		Tiwari Ranjeet Chhotelal			7	7	8	7	8	37
	2	Ahire Roshan Vijay	Prof. T. Y. Badgujar	Automatic Pnumatic Bumper System	9	8	9	9	9	44
		Bansode Prathamesh Bansi			9	8	9	9	9	44
		Sutar Rupesh Sanjiv			9	8	9	9	9	44
		Zankar Nikhil Vishnu			9	8	9	9	9	44
	3	Gadhave Nihar Bhausaheb	Prof. R. R. Chaudhari	Design and Development ofPnumatic Gravity Convener	9	6	7	6	7	35
		Khairnar Sayali Arun			9	6	7	6	7	35
		Pandit Sachin Arvind			9	6	7	6	7	35
		Sanap Bhushan Bhagwan			9	6	7	6	7	35
	4	Joshi Pratik Dattatray	Prof. C. P. Shinde	Green Street Light and Qualitative example to control Air Pollution	7	7	8	7	8	37
		Khairnar Rutik Kakaji			7	7	8	7	8	37
		Kumavat Pranit Gorakh			7	7	8	7	8	37
		Patil Akshay Bhaskarrao			7	7	8	7	8	37
	5	Kangane Tushar Bhausaheb	Prof. R. R. Chaudhari	Potato harvesting Machine	9	8	9	9	9	44
		Malpure Bhushan Dilip			9	8	9	9	9	44
		Narsale Kailas Kamlakar			9	8	9	9	9	44
		Thakare Kishor Tukaram			9	8	9	9	9	44
	6	Magar Nandakumar Rajaram	Prof. P.S. Talmale	Seven tank Process of Poweder Coating	9	8	9	8	9	43
		Sonawane Tushar Ramnath			9	8	9	8	9	43
		Todkar Shreyash Mangesh			9	8	9	8	9	43
		Wadekar Prathamesh Shashikant			9	8	9	8	9	43
	7	Arote Rohit Shivaji	Prof. K. W. Kale	Health Monitoring of CNC using IOT	9	8	9	9	9	44
		Deore Vishal Bhagwat			9	8	9	9	9	44
		Jadhav Sandip Govind			9	8	9	9	9	44
		Sonavane Rohit Dipak			9	8	9	9	9	44
	8	Arab Mohammad Tafheem Nasirkhan	Prof. C. P. Shinde	Design and Development of Solar Power Ariation System	7	7	8	7	8	37
		Patel Saquib Arif			7	7	8	7	8	37
		Shaikh Juber Waheed			7	7	8	7	8	37
		Shaikh Rahil Rauf			7	7	8	7	8	37

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2022-23	9	Menganar Sujyot Sunil	Prof. T. Y. Badgujar	ENERGY ANALYSIS OF THERMAL POWER PLANT	9	8	9	9	9	44
		Nair Rahul Rajan			9	8	9	9	9	44
		Ozarkar Amey Madhukar			9	8	9	9	9	44
		Vedpathak Suadhay Sanjay			9	8	9	9	9	44
	10	Dhobale Tejas Sanjay	Prof. J. R. Mahajan	Design and fabrication of convertible stair case in to ram	7	7	8	7	8	37
		Rajput Ganesh Jagatsing			7	7	8	7	8	37
		Rikame Sachin Bhausaheb			7	7	8	7	8	37
		Somwanshi Vaishnavi Kailas			7	7	8	7	8	37
	11	Alhat Sanket Laxman	Prof. P. D. Jadhav	Design and development of solar Dryer	9	8	9	8	9	43
		Chumbhale Gaurav Lahanu			9	8	9	8	9	43
		Jadhav Chetan Shashikant			9	8	9	8	9	43
		Sahane Rohit Somnath			9	8	9	8	9	43
	12	Aher Omkar Rajendra	Prof. F. U. Pathan	Design and development of hybrid traffic wind turbine	9	8	9	9	9	44
		Chakor Sudarshan Balu			9	8	9	9	9	44
		Pawar Swapnil Ashok			9	8	9	9	9	44
		Sadgir Siddhesh Dinesh			9	8	9	9	9	44
	13	Ghadoje Sandip Manohar	Prof. M. V. jadhav	Thermoelecric air conitioning for Autombile	7	7	8	7	8	37
		Katyare Rahul Sharad			7	7	8	7	8	37
		Tambatkar Shivam Sanjay			7	7	8	7	8	37
		Thete Yuvraj Sanjay			7	7	8	7	8	37
	14	Bhavale Aakanksha Sunil	Prof. M. V. jadhav	Development of vehicle Ignistion control system with GPS Tracker	9	8	9	9	9	44
		Chaudhari Tejas Atul			9	8	9	9	9	44
		Jadhav Sanket Dattatrey			9	8	9	9	9	44
		Joshi Pranav Pravin			9	8	9	9	9	44
	15	Baviskar Nitin Ishwar	Prof. J. R. Mahajan	Pipe Inspection Robot	9	8	9	9	9	44
		Kuwar Aayush Dattatray			9	8	9	9	9	44
		Lahane Prathamesh Bhausaheb			9	8	9	9	9	44
		Suryawanshi Divyen Prakash			9	8	9	9	9	44
	16	Bagul Ramesh Chiman	Prof. P.S. Talmale	Automatic Feed system for Cattle Farm	9	8	9	8	9	43
		Dhulsamudre Ravindra Vasant			9	8	9	8	9	43
		Nikam Aaditya Balasaheb			9	8	9	8	9	43
		Palve Mukesh Deelip			9	8	9	8	9	43
	17	Ogale Pramod Rajendra	Prof. C. P. Shinde	Paddle operated water purification System	7	7	8	7	8	37
		Patil Sangramsing Arvind			7	7	8	7	8	37
		Bangare Kapil Kishor			7	7	8	7	8	37
		Sanap Darshan Nandu			7	7	8	7	8	37
	18	SONAR TUSHAR SUNIL	Prof. F. U. Pathan	Android based electric screw jack machie for vehicle lifitin	7	7	8	7	8	37
		CHAVAN GIRISH SAMBHAJI			7	7	8	7	8	37

Prof. C. P. Shinde
Project Coordinator

K.C.T.'s Late G. N. Sapkal College of Engineering
Anjaneri
Nashik
422 212

Prof. T. Y. Badgujar
Head of Department

Prof. S. B. Bagal
Principal

Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering, Nashik

Anjaneri, Trimbakeshwar Road, Nashik

Department of Mechanical Engineering

Final Year Project Evaluation Sheet

Academic Year: 2022-23 **Sem-II**

Academic Year	Group No.	Name of Student	Name of Guide/Mentor	Project Title	Project work progress (20)	Technical aspects (20)	Team work contribution (20)	Aspects covered- Environment, Safety etc. (20)	Presentation & Report writing (20)	Total 100
	1	Bhavar Kiran Devidas	Prof. T. Y. Badgujar	Automatic seatbelt Integrated Handbreak system	14	16	16	14	17	77
		Kere Sanket Prakash			14	16	16	14	17	77
		Pawar Digvijay Nandkishor			14	16	16	14	17	77
		Tiwari Ranjeet Chhotelal			14	16	16	14	17	77
	2	Ahire Roshan Vijay	Prof. T. Y. Badgujar	Automatic Pnumatic Bumper System	18	18	18	18	19	91
		Bansode Prathamesh Bansi			18	18	18	18	19	91
		Sutar Rupesh Sanjiv			18	18	18	18	19	91
		Zankar Nikhil Vishnu			18	18	18	18	19	91
	3	Gadhave Nihar Bhausaheb	Prof. R. R. Chaudhari	Design and Development ofPnumatic Gravity Convener	18	14	14	12	15	73
		Khairnar Sayali Arun			18	14	14	12	15	73
		Pandit Sachin Arvind			18	14	14	12	15	73
		Sanap Bhushan Bhagwan			18	14	14	12	15	73
	4	Joshi Pratik Dattatray	Prof. C. P. Shinde	Green Street Light and Qualitative example to control Air Pollution	14	16	16	14	17	77
		Khairnar Rutik Kakaji			14	16	16	14	17	77
		Kumavat Pranit Gorakh			14	16	16	14	17	77
		Patil Akshay Bhaskarrao			14	16	16	14	17	77
	5	Kangane Tushar Bhausaheb	Prof. R. R. Chaudhari	Potato harvesting Machine	18	18	18	18	19	91
		Malpure Bhushan Dilip			18	18	18	18	19	91
		Narsale Kailas Kamlakar			18	18	18	18	19	91
		Thakare Kishor Tukaram			18	18	18	18	19	91
	6	Magar Nandakumar Rajaram	Prof. P.S. Talmale	Seven tank Process of Poweder Coating	18	18	18	16	19	89
		Sonawane Tushar Ramnath			18	18	18	16	19	89
		Todkar Shreyash Mangesh			18	18	18	16	19	89
		Wadekar Prathamesh Shashikant			18	18	18	16	19	89
	7	Arote Rohit Shivaji	Prof. K. W. Kale	Health Monitoring of CNC using IOT	18	18	18	18	19	91
		Deore Vishal Bhagwat			18	18	18	18	19	91
		Jadhav Sandip Govind			18	18	18	18	19	91
		Sonavane Rohit Dipak			18	18	18	18	19	91
	8	Arab Mohammad Tafheem Nasirkhan	Prof. C. P. Shinde	Design and Development of Solar Power Ariation System	14	16	16	14	17	77
		Patel Saquib Arif			14	16	16	14	17	77
		Shaikh Juber Waheed			14	16	16	14	17	77

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		Shaikh Rahil Rauf			14	16	16	14	17	77
2022-23	9	Menganar Sujyot Sunil Nair Rahul Rajan Ozarkar Amey Madhukar Vedpathak Suadhay Sanjay	Prof. T. Y. Badgujar	ENERGY ANALYSIS OF THERMAL POWER PLANT	18 18 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 19 19 19	91 91 91 91
	10	Dhobale Tejas Sanjay Rajput Ganesh Jagatsing Rikame Sachin Bhausaheb Somwanshi Vaishnavi Kailas	Prof. J. R. Mahajan	Design and fabrication of convertible stair case in to ram	14 14 14 14	16 16 16 16	16 16 16 16	14 14 14 14	17 17 17 17	77 77 77 77
	11	Alhat Sanket Laxman Chumbhale Gaurav Lahanu Jadhav Chetan Shashikant Sahane Rohit Somnath	Prof. P. D. Jadhav	Design and development of solar Dryer	18 18 18 18	18 18 18 18	18 18 18 18	16 16 16 16	19 19 19 19	89 89 89 89
	12	Aher Omkar Rajendra Chakor Sudarshan Balu Pawar Swapnil Ashok Sadgir Siddhesh Dinesh	Prof. F. U. Pathan	Design and development of hybrid traffic wind turbine	18 18 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 19 19 19	91 91 91 91
	13	Ghadoje Sandip Manohar Katyare Rahul Sharad Tambatkar Shivam Sanjay Thete Yuvraj Sanjay	Prof. M. V. jadhav	Thermoelecric air conitioning for Autombile	14 14 14 14	16 16 16 16	16 16 16 16	14 14 14 14	17 17 17 17	77 77 77 77
	14	Bhavale Aakanksha Sunil Chaudhari Tejas Atul Jadhav Sanket Dattatrey Joshi Pranav Pravin	Prof. M. V. jadhav	Development of vehicle Ignistion control system with GPS Tracker	18 18 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 19 19 19	91 91 91 91
	15	Baviskar Nitin Ishwar Kuwar Aayush Dattatray Lahane Prathamesh Bhausaheb Suryawanshi Divyen Prakash	Prof. J. R. Mahajan	Pipe Inspection Robot	18 18 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 19 19 19	91 91 91 91
	16	Bagul Ramesh Chiman Dhulsamudre Ravindra Vasant Nikam Aaditya Balasaheb Palve Mukesh Deelip	Prof. P.S. Talmale	Automatic Feed system for Cattle Farm	18 18 18 18	18 18 18 18	18 18 18 16	16 16 16 16	19 19 19 19	89 89 89 89
	17	Ogale Pramod Rajendra Patil Sangramsing Arvind Bangare Kapil Kishor Sanap Darshan Nandu	Prof. C. P. Shinde	Paddle operated water purification System	14 14 14 14	16 16 16 16	16 16 16 16	14 14 14 14	17 17 17 17	77 77 77 77
	18	SONAR TUSHAR SUNIL CHAVAN GIRISH SAMBHAJI	Prof. F. U. Pathan	Android based electric screw jack machie for vehicle lifitin	14 14	16 16	16 16	14 14	17 17	77 77

Prof. C. P. Shinde
Project Coordinator

Late G. N. Sapkal College of Engineering ★ Anjaneri Nashik 422 212

Prof. T. Y. Badgujar
Head of Department

Prof. S. B. Bagal
Principal