

Table :Rubric for Term Work Assessment (Stage I)

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

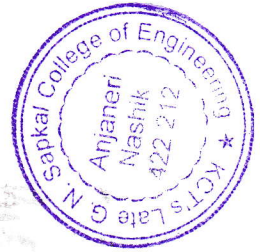


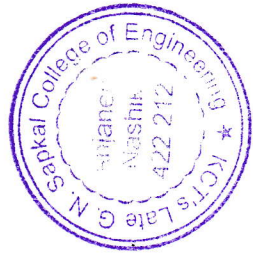
Table : Rubrics for Internal Assessment (Stage II)

Sr.NO	CRITERA	Marks	RUBRICS:Range of performance expressed as percentage of maximum marks allotted to each criteria (1 to 5)			
			90%-100%	65%-75%	40%-50%	15%-25%
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
			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
2	Timely Submission	20	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)
			Participation and contribution, Listen and sharing, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listen and sharing, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listen and sharing, motivation/help other team members, acceptance to changes and constructive criticism	Participation and contribution, Listen and sharing, motivation/help other team members, acceptance to changes and constructive criticism
3	Technical Aspects	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
			Team work contribution	Team work contribution	Team work contribution	Team work contribution
4	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
			Team work contribution	Team work contribution	Team work contribution	Team work contribution

	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 Clarity and confidence, preparation, PPT slides quality. Satisfactory answers to related questions	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 Clarity and confidence, preparation, PPT slides quality. Satisfactory answers to related questions	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 Clarity and confidence, preparation, PPT slides quality. Satisfactory answers to related questions	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 Clarity and confidence, preparation, PPT slides quality. Satisfactory answers to related questions
6	Report writing and it's quality	10		
7	Presentation	10		
Total		100		



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





Kalyani Charitable Trust's

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Anjaneri, Trimbakeshwar Road, Nashik

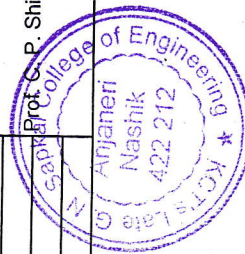


Department of Mechanical Engineering
Final Year Project Evaluation Sheet

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
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	37	
		Pawar Digvijay Nandkishor			7	7	8	7	37	
		Tiwari Ranjeet Chhotelal			7	7	8	7	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	44	
		Sutar Rupesh Sanjiv			9	8	9	9	44	
		Zankar Nikhil Vishnu			9	8	9	9	44	
		Gadhane Nihar Bhausahaheb			9	6	7	6	35	
3		Khairnar Sayali Arun	Prof. R. R. Chaudhari	Design and Development of Pnumatic Gravity Convener	9	6	7	6	7	35
		Pandit Sachin Arvind			9	6	7	6	35	
		Sanap Bhushan Bhagwan			9	6	7	6	35	
		Joshi Pratik Dattatray			9	6	7	6	35	
		Khairnar Rutik Kakaji			7	7	8	7	37	
4		Kumavat Pranit Gorakh	Prof. C. P. Shinde	Green Street Light and Qualitative example to control Air Pollution	7	7	8	7	8	37
		Patil Akshay Bhaskairrao			7	7	8	7	37	
		Kangane Tushar Bhausahaheb			9	8	9	9	44	
		Maipure Bhushan Dilip			9	8	9	9	44	
		Narsale Kailas Kamalakar			9	8	9	9	44	
5		Thakare Kishor Tukaram	Prof. R. R. Chaudhari	Potato harvesting Machine	9	8	9	9	9	44
		Magar Nandakumar Rajaram			9	8	9	9	44	
		Sonawane Tushar Ramnath			9	8	9	8	43	
		Todkar Shreyash Mangesh			9	8	9	8	43	
		Wadekar Prathamesh Shashikant			9	8	9	8	43	
6		Arote Rohit Shivaji	Prof. P. S. Talmale	Seven tank Process of Powder Coating	9	8	9	8	9	43
		Deore Vishal Bhagwat			9	8	9	9	44	
		Jadhav Sandip Govind			9	8	9	9	44	
		Sonavane Rohit Dipak			9	8	9	9	44	
		Arab Mohammad Tafheem Nasirkhan			7	7	8	7	37	
7		Patel Saquib Arif	Prof. K. W. Kale	Health Monitoring of CNC using IOT	7	7	8	7	8	37
		Shaikh Juber Waheed			7	7	8	7	37	
		Shaikh Rahil Rauf			7	7	8	7	37	
8		Shaikh Juber Waheed	Prof. C. P. Shinde	Design and Development of Solar Power Arianation System	7	7	8	7	8	37
		Shaikh Juber Waheed			7	7	8	7	37	
		Shaikh Rahil Rauf			7	7	8	7	37	




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



Prof. C. P. Shinde
Project Coordinator

Prof. T. Y. Badgujar
Head of Department



Prof. S. B. Bagal
Principal



Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering, Nashik

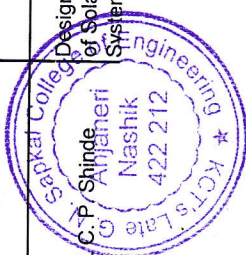
Anjaneri, Trimbakeshwar Road, Nashik



Department of Mechanical Engineering
Final Year Project Evaluation Sheet

Academic Year: 2022-23

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	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
2	2	Tiwari Ranjeet Chhotelal	Prof. T. Y. Badgujar	Automatic Pnumatic Bumper System	14	16	16	14	17	77
		Ahire Roshan Vijay			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	3	Gadhawe Nihar Bhausaheb	Prof. R. R. Chaudhari	Design and Development of Pnumatic 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
		Joshi Pratik Dattatray			14	16	16	14	17	77
4	4	Khairnar Rutik Kakaji	Prof. C. P. Shinde	Green Street Light and Qualitative example to control Air Pollution	14	16	16	14	17	77
		Kumavat Pranit Gorakh			14	16	16	14	17	77
		Patil Akshay Bhaskarrao			14	16	16	14	17	77
		Kangane Tushar Bhausaheb			18	18	18	18	19	91
		Malpure Bhushan Dilip			18	18	18	18	19	91
5	5	Narsale Kailas Kamalakar	Prof. R. R. Chaudhari	Potato harvesting Machine	18	18	18	18	19	91
		Thakare Kishor Tukaram			18	18	18	18	19	91
		Magar Nandakumar Rajaram			18	18	18	18	19	91
		Sonawane Tushar Ramnath			18	18	18	18	19	89
		Todkar Shreyash Mangesh			18	18	18	18	19	89
6	6	Wadekar Praithamesh Shashikant	Prof. P. S. Taimale	Seven tank Process of Powder Coating	18	18	18	16	19	89
		Arote Rohit Shivaji			18	18	18	16	19	89
		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
7	7	Arab Mohammed Taftheem Nasirkhan	Prof. K. W. Kale	Health Monitoring of CNC using IOT	14	16	16	14	17	77
		Patel Saquib Arif			14	16	16	14	17	77
		Shaikh Juber Waheed			14	16	16	14	17	77
					14	16	16	14	17	77
					14	16	16	14	17	77
8	8		Prof. C. P. Shinde	Design and Development of Solar Power Arianon System	14	16	16	14	17	77
					14	16	16	14	17	77



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

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