



# K.S.R.M COLLEGE OF ENGINEERING

UGC-Autonomous  
Kadapa, AP  
[www.ksrmce.ac.in](http://www.ksrmce.ac.in)

Dated: 20-09-2021

Lr./KSRMCE/Principal Office /2021-22/

## Principal Office Orders

As per the decisions of the Academic Council meeting held on 09-09-2021 the undersigned members are been appointed as the Board of studies for English for a period of 2 years.

S.No.	Name	Designation
1.	Sri. N. Bhaskar Reddy	Asst.Professor English,KSRMCE
2	Dr. K. Madhavi	Asso.Professor English,NIT Warangal
3	Dr.Parvati Vudumula	Professor, H&S ,JNTUH College of Engineering, Hyderabad
4	Prof. V. B. Chitra	Prof.in English, JNTUA,Anantapur
5	Dr. V. Mallikarjuna Reddy	Alumni
6	Sri. A. Ananda Rao	Asst.Professor English,KSRMCE
7	Sri K.Ramesh Rao	Asst.Professor English,KSRMCE
8	Sri K.Vijaya Bhaskar Reddy	Asst.Professor English,KSRMCE
9	Sri K.Eswar Reddy	Asst.Professor English,KSRMCE
10	Sri N.Raghunatha Reddy	Asst.Professor English,KSRMCE
11	Sri. K. Nagarjuna Reddy	Industry Expert

The orders will come in to force for with immediate effect.

V. S. S. Murthy

Principal

PRINCIPAL

K.S.R.M. COLLEGE OF ENGINEERING  
KADAPA-516005, (A.P.)

Cc to:

The Management for information  
The HoD of H&S for necessary actions  
The Members for Information  
The Website Committee for upload

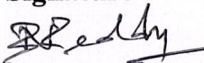








**BOARD OF STUDIES MEETING – 2021-22**  
**K.S.R.M COLLEGE OF ENGINEERING**  
**AUTONOMOUS**

**Minutes of the Meeting**

<b>Date</b>	<b>22-09-2021</b>	<b>Day</b>	<b>Wednesday</b>
<b>Time</b>	<b>12.00 PM – 2.00 PM</b>	<b>Venue</b>	<b>Virtual meeting: <a href="https://meet.google.com/cye-dhhc-thm">https://meet.google.com/cye-dhhc-thm</a></b>
<b>Dept./SS</b>	<b>Humanities and Sciences (English)</b>	<b>Convener</b>	<b>Sri. N. Bhaskar Reddy</b>

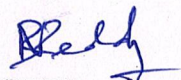
<b>Members Present: 11</b>				<b>Members Absent: 00</b>		
<b>S.No</b>	<b>Name</b>	<b>Designation</b>	<b>Signature</b>	<b>S.No</b>	<b>Name</b>	<b>Designation</b>
1.	Sri. N. Bhaskar Reddy	Assistant Prof., Dept.of Humanities & Sciences KSRMCE				
2.	Dr. K. Madhavi	Associate Professor, NITW, Warangal				
3.	Dr. V. B. Chitra	Professor of English, JNTUA				
4.	Dr. Parvathi Vudumula	Professor Humanities & amp, Social Sciences, JNTUH College of Engineering, Hyderabad				
5.	Dr. V. Mallikarjuna Reddy	Professor & HOD, Dept. of Civil Engineering, Gokaraju Rangaraju Institute of Technology, Hyderabad (Alumni)				
6.	Sri. K. Nagarjuna Reddy	M.D, J.S.INFRA, Hyderabad (Industry Person)				
7.	Dr. K. Ramesh Rao	Asst. Prof, KSRMCE				
8.	Sri. A. Anand Rao	Asst. Prof, KSRMCE				
9.	Sri. K. Vijaya Bhaskar Reddy	Asst. Prof, KSRMCE				
10.	Sri. K. Eswara Reddy	Asst. Prof, KSRMCE				
11.	Sri. N. Raghunatha Reddy	Asst. Prof, KSRMCE				



Sri. N. Bhaskar Reddy, welcomed all the members to the meeting and presented the agenda of the meeting.  
 The resolutions are:

	<b>Todo item</b>	<b>Discussion</b>	<b>Resolution</b>	<b>Coordinator/in-charge</b>
1	To finalize the curriculum and syllabus for I Sem AI & ML Branch under R20 Regulations	The Board of Chairman has presented the syllabus designed by the faculty after taking the feedback from all stakeholders and comparing with premier institute syllabus	The committee Suggested for few modifications in the syllabus. After the modifications the committee member approved all the syllabus of Professional Communication & Communication skill lab for I & II Sem.	Sri. N. Bhaskar Reddy
2.	To finalize the curriculum and syllabus for VIISem under R18 Regulations	The Board of Chairman has presented the syllabus designed by the faculty after taking the feedback from all stakeholders and comparing with premier institute syllabus	The committee Suggested for few modifications in the syllabus. After the modifications the committee member approved all the syllabus of Effective Technical Communication Skill Lab.	Sri. N. Bhaskar Reddy

Sri. N. Bhaskara Reddy, Convener have proposed the Vote of thanks and concluded the meeting.

  
Convener

  
HOD H&S

**Dr. I. SREEVANI M.Sc., Ph.D.**  
 Head of Humanities & Sciences  
 KSRM College of Engineering  
 KADAPA 516 005



<b>Course Title</b>	<b>Effective Technical Communication Skills Lab</b>				<b>B. Tech. VII Sem. E.E.E (R18)</b>			
<b>Course Code</b>	<b>Category</b>	<b>Hours/Week</b>			<b>Credits</b>	<b>Maximum Marks</b>		
<b>Regular Course</b>	<b>Humanities and social sciences</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>Internal Assessment</b>	<b>External Exams</b>	<b>Total</b>
		--	--	3	1	50	50	100
					<b>End Exam Duration: 3Hrs</b>			
<b>Course Objectives:</b>								
<ul style="list-style-type: none"> <li>➤ To make the students improve their language skills.</li> <li>➤ To get expertise on documentation work.</li> <li>➤ To enable them become self-confident.</li> <li>➤ To be successful at interviews.</li> </ul>								
<b>Course Outcomes:</b> On successful completion of this course, the students will be able to								
<b>CO 1</b>	<b>Interpret</b> language skills							
<b>CO 2</b>	<b>Construct an</b> effective documentation.							
<b>CO 3</b>	<b>Take part in</b> various group activities and become self-confident.							
<b>CO 4</b>	<b>Apply</b> interview techniques and get success at interviews.							
<b>CO 5</b>	<b>Classify</b> the verbal and non-verbal communication							

### Syllabus:

1. **Writing Skills** ---- Characteristics of writing- formats of letter - e-mail writing - Phrases of writing.
2. **Technical Report Writing** ---- Elements of Technical writing - Report writing - Writing the thesis.
3. **Vocabulary**--- Root words - Analogy - Idioms.
4. **Presentations**---- Body language - strategies - overcome fear - Presentation activity.
5. **Interview Skills**----- Discussion on frequently asked questions (FAQs) at Interviews.

### II. Minimum Requirements

The English Language Lab shall have two parts:

The Computer aided Language Lab for 60 students with 60 systems, one master console, LAN facility and English language software for self-study by learners.



The Communication Skills Lab with movable chairs and audio-visual aids with a P.A System, a TV, A digital stereo-audio and video system, Camcorder etc.

**System Requirement (Hardware Component):**

Computer network with LAN with a minimum of 60 multimedia systems with the following specifications:

P-IV Processor, Speed-2.8 GHz, RAM\_512 MB minimum, Hard Disk-80 GB, Headphones

**Prescribed Software: Walden and K-Van Solutions.**

**Textbooks**

1. Ashraf Rizvi, "Effective Technical Communication", Tata McGraw-Hill Companies, Inc. New York.
2. AIR CMDE PC Sharma, "A Book of Communication Skills and Personality Development", NiraliPrakashan, Pune.
3. RC Sharma and Krishna Moahn, "Business Correspondence and Report Writing – A Practical Approach to Business and Technical Communication", Tata McGraw-Hill Companies, Inc. New York.

**Reference Books**

1. David F Beer and David Mc Murrey, "Guide to Writing as an Engineer", John Wiley and Sons Publishers, New York.
2. Diane Hacker, "Pocket Style Manual", Bedford Publication, New York.
3. Shiva Khera, "You Can Win", Macmillan Education, Noida.

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**HOD H&S**

**Dr. I. SREEVANI** M.Sc., Ph.D  
Head of Humanities & Sciences  
K.S.R.M College of Engineering  
KADAPA 53005



Course Title	Professional Communication				B. Tech. AI&ML I Sem. (R20)			
Course Code	Category	Hours/Week			Credits	Maximum Marks		
2024104	Humanities and social sciences	L	T	P	C	Internal Assessment	External Exams	Total
		2	0	0	2	40	60	100
					<b>End Exam Duration: 3Hrs</b>			
<b>Course Objectives:</b> The objectives of the course will be to								
<ol style="list-style-type: none"> <li>1. enhance language skills and vocabulary for professional success</li> <li>2. help the students thorough with presentation skills to become effective participants in various discussions.</li> <li>3. develop confidence and become effective communicator</li> <li>4. make them write and speak grammatically correct sentences</li> <li>5. analyze interview techniques to get success at interviews</li> </ol>								
<b>Course Outcomes:</b> After completion of the course, the students will be able to								
CO1	interpret language skills and technical vocabulary for professional success							
CO2	make use of presentation skills and become successful							
CO3	examine the prerequisites for effective communication							
CO4	evaluate interview techniques and get success							
CO5	construct grammatically correct sentences in speaking and writing							

### UNIT I

Importance of communication - Role of language in communication - Verbal analogies - Synonyms and Antonyms - Technical vocabulary.

**Grammar:** Parts of speech - Discussion and Identification - Question tags.

### UNIT II

Reading Comprehension - Guidelines for effective understanding of the given text - Passage for comprehension - SQ3R method - PQRS method .

**Grammar:** Subject - Verb agreement - Embedded sentences - Conditional clauses.

### UNIT III

Oral Presentation - Preparation - Guidelines for effective presentation - Kinesics

**Grammar:** Transformation - Affirmative and Negative - Active and Passive - Direct and Indirect - Degrees of Comparison - Simple, Compound and Complex.



## UNIT IV

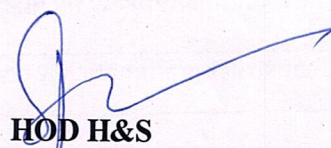
Formal letters - Proverbial Expansion- Tenses - Articles - Prepositions

## UNIT V

Group Discussion & Interview Skills - Preparation - Dos and Don'ts - Effective at Interviews  
**Grammar:** Common Errors in everyday use and their correction

### Reference Books

1. English for Engineers and Technologists (Combined edition, Vol. 1 and 2), Orient Black swan 2010
2. Meenakshi Raman and Sangeetha Sharma, "Technical Communication: Principles and Practice", 2nd Edition, Oxford University Press, 2011
3. Anand Ganguly, "Success in Interview", RPH, 5th Edition, 2016
4. English Grammar and Composition : Wren & Martin, S. Chand and Company Ltd, New Edition 2020
5. English Grammar and In Use: Reymond Murphy, Cambridge University Press - 5<sup>th</sup> Edition.
6. E. Suresh Kumar et al. Communication for Professional Success. Orient Blackswan: Hyderabad, 2011



**HOD H&S**  
**Dr. I. SREEVANI** M.Sc., Ph.D.  
Head of Humanities & Sciences  
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KADAPA 516 005



Course Title	COMMUNICATION SKILLS LAB				B. Tech. AI&ML II Sem. (R20)			
Course Code	Category	Hours/Week			Credits	Maximum Marks		
2024209	Humanities and social sciences	L	T	P	C	Internal Assessment	External Exams	Total
		--	--	3	1.5	40	60	100
					<b>End Exam Duration: 3Hrs</b>			
<b>Course Objectives:</b> The objectives of the course will be to								
<ol style="list-style-type: none"> <li>1. expose to a variety of self-instructional, learner friendly modes of language learning</li> <li>2. learn better pronunciation through stress, intonation and rhythm.</li> <li>3. train the students to use language effectively to face interviews, group discussions, public speaking</li> <li>4. make them fluent in error- free communication</li> <li>5. improve their listening skills by enhancing their accuracy in pronunciation</li> </ol>								
<b>Course Outcomes:</b> After completion of the course, the students will be able to								
CO1	relate listening skills for better understanding of the conversations							
CO2	develop their vocabulary for better prospects of employment							
CO3	analyze the techniques for improving interpersonal							
CO4	interpret stress, intonation, and rhythm to improve their pronunciation							
CO5	develop their confidence level for their all-round success							

**Topics for the lab (activitybased) :**

1. Listening Skills
2. Vocabulary
3. Situational Conversations
4. Interpersonal Skills
5. Speech sounds
6. Introducing oneself
7. Jam
8. Role-play
9. Group Discussion
10. Interview Skills

**Suggested Software**

- Walden Infotech
- K-Van solutions
- Spoken English I, II and III by Sreenivas Murthy CIEFL Publishers



## 1. Minimum Requirements

The English Language Lab shall have two parts:

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### System Requirement (Hardware Component):

Computer network with LAN with a minimum of 60 multimedia systems with the following specifications:

P-IV Processor, Speed-2.8 GHz, RAM\_512 MB minimum, Hard Disk-80 GB, Headphones

**Books Suggested for Professional Communication Lab (to be located within the lab in addition to the CDs of the text book which are loaded on the systems):**

1. **Technical writing and professional communication, Huckin and Olsen** Tata Mc Graw-Hil 2009.
2. **Technical Communication** by Meenakshi Raman & Sangeeta Sharma, Oxford University Press 2009.
3. **The ACE of Soft Skills** by Gopal Ramesh and Mahadevan Ramesh, Pearson Education, 2010.
4. **Resume's and Interviews** by M. Ashraf Rizvi, Tata Mc Graw-Hill, 2008.
5. **English Language Communication: A Reader cum Lab Manual** Dr A Ramakrishna Rao, Dr G Natanam & Prof SA Sankaranarayanan, Anuradha Publications, Chennai, 2008

**HOD H&S**

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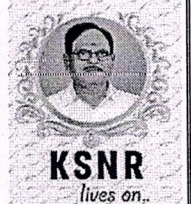




# K.S.R.M. COLLEGE OF ENGINEERING (AUTONOMOUS)

Pulivendula Road, Kadapa-516 005  
Andhra Pradesh, India

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.  
An ISO 14001:2004 & 9001: 2015 Certified Institution

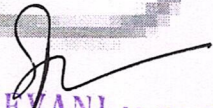


## Artificial Intelligence & Machine Learning

### Curriculum

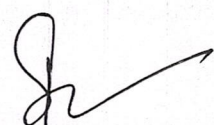
#### **B.Tech. I Sem (R20UG)**

S.No.	Course Code	Course Name	Category	Hours per Week			IM	EM	Credits
				L	T	P			
1	2021101	Linear Algebra & Calculus	BSC	3	0	0	40	60	3
2	2023103	Environmental Chemistry	BSC	3	0	0	40	60	3
3	2039103	Problem Solving with Algorithmic thinking	ESC	2	0	0	40	60	2
4	2024104	Professional Communication	HS	2	0	0	40	60	2
5	2039105	Python Programming	ESC	3	0	0	40	60	3
6	2013106	Introduction to Digital Manufacturing	ESC	2	0	0	40	60	2
7	20AG107	Agriculture for Engineers & Field Activity Lab	BSC	-	0	3	40	60	1.5
8	2039108	Problem Solving using C Lab	ESC	-	0	3	40	60	1.5
9	2039109	Python Programming Lab	ESC	-	0	3	40	60	1.5
10	20MC110	Indian Traditional Knowledge	MC	3	0	0	40	--	---
			<b>Total</b>				<b>400</b>	<b>540</b>	<b>19.5</b>

  
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S. No.	Subject Code	SUBJECT	SC	L	T	P	IM	EM	CR
1	1825701	Project Management	HSMC	3	0	0	30	70	3
2	1802702	Utilization of Electrical Power	PCC	3	0	0	30	70	3
3		<b>Professional Elective -III (PE - III)</b>							
	1802703	Flexible AC Transmission System	PEC	3	0	0	30	70	3
	1802704	Power Quality	PEC	3	0	0	30	70	3
	1802705	Digital Control Systems	PEC	3	0	0	30	70	3
	1802706	Digital Signal Processing	PEC	3	0	0	30	70	3
	1802707	Smart Grid	PEC	3	0	0	30	70	3
4	--	<b>Open Elective - II (OE-II)</b>	PEC	3	0	0	30	70	3
5	--	<b>Open Elective - III (OE-III)</b>	PEC	3	0	0	30	70	3
6	1802708	Lab view Programming	ESC	0	0	3	50	50	1.5
7	1802709	Power Systems -II Lab	PCC	0	0	3	50	50	1.5
8	1824710	Effective Technical Communication Skills Lab	HSMC	0	0	2	50	50	1
8	1802711	Project Stage - I	PROJ	0	0	6	100	00	3
9	18997M3	Universal Human Values	MC	2	0	0	30	00	0
Total				19	00	14	380	450	22

  
**Dr. I. SREEVANI** M.Sc.,Ph.D.  
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 K.S.R.M. College of Engineering  
 KADAPA 516 005



05/05/2022, 22:51


KSRM College of Engineering Mail - KSRMCE- Virtual Joint BOS-22-09-2021

----- Forwarded message -----

From: **KSRMCE Principal** <principal@ksrmce.ac.in>  
Date: Tue, 21 Sep, 2021, 15:13  
Subject: KSRMCE- Virtual Joint BOS-22-09-2021  
To: <heads.all@ksrmce.ac.in>

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 **KSRMCE - Joint BOS meeting - agenda (22.09.21).pdf**  
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**HOD H&S** <hod.hs@ksrmce.ac.in>  
To: csrsvu@gmail.com


Tue, Sep 21, 2021 at 5:03 PM

----- Forwarded message -----

From: **KSRMCE Principal** <principal@ksrmce.ac.in>  
Date: Tue, 21 Sep, 2021, 15:13  
Subject: KSRMCE- Virtual Joint BOS-22-09-2021  
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**HOD H&S** <hod.hs@ksrmce.ac.in>  
Draft

Tue, Sep 21, 2021 at 5:07 PM

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Date: Tue, 21 Sep, 2021, 15:13  
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To: <heads.all@ksrmce.ac.in>

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**Bhaskara Reddy N** <nbreddy@ksrmce.ac.in> Wed, Sep 22, 2021 at 9:29 AM  
To: Madhavi K <madhavik24@nitw.ac.in>, parvathivudumula@jntuh.ac.in, "Dr.V.B.Chithra jntua" <chitra.hss@jntua.ac.in>, K Reddy <Knreddy@gmail.com>, V Mallikarjuna Reddy <evmreddy@yahoo.co.in>, HOD H&S <hod.hs@ksrmce.ac.in>, RAGHUNATHA REDDY N <nrr@ksrmce.ac.in>, Bhaskara Reddy N <nbreddy@ksrmce.ac.in>, Eswar Reddy <eswar@ksrmce.ac.in>, Vijaya Bhaskar <bhaskark@ksrmce.ac.in>, Anand Alluri <anand@ksrmce.ac.in>, Ramesh Rao <saiharinath7@gmail.com>, "ramesh.k" <ramesh.k@ksrmce.ac.in>

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**HOD H&S** <hod.hs@ksrmce.ac.in>  
To: csrsvu@gmail.com

Wed, Sep 22, 2021 at 10:56 AM