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<b>DEPARTMENT</b>	Department of Mechanical Engineering	
<b>INSTITUTE</b>	Indian Institute of Technology Kanpur	
<b>COURSE OUTLINE</b>		
<b>COURSE DETAILS</b>		
S. No	Module ID/ Lecture ID	Lecture Title/Topic
1.	L1	Alternate Fuels and Advances in I.C. Engine - I
2.	L2	Alternate Fuels and Advances in I.C. Engine - II
3.	L3	Alternate Fuels and Advances in I.C. Engine - III
4.	L4	Alternate Fuels and Advances in I.C. Engine - IV
5.	L5	Alternate Fuels and Advances in I.C. Engine -V
6.	L6	Alternate Fuels and Advances in I.C. Engine -VI
7.	L7	Alternate Fuels and Advances in I.C. Engine - VII
8.	L8	Alternate Fuels and Advances in I.C. Engine - VIII
9.	L9	Alternate Fuels and Advances in I.C. Engine - IX
10.	L10	Alternate Fuels and Advances in I.C. Engine - X
11.	L11	Alternate Fuels and Advances in I.C. Engine - XI
12.	L12	Alternate Fuels and Advances in I.C. Engine - XII
13.	L13	Alternate Fuels and Advances in I.C. Engine - XIII

<b>14.</b>	<b>L14</b>	Alternate Fuels and Advances in I.C. Engine - XIV
<b>15.</b>	<b>L15</b>	Alternate Fuels and Advances in I.C. Engine - XV
<b>16.</b>	<b>L16</b>	Alternate Fuels and Advances in I.C. Engine - XVI
<b>17.</b>	<b>L17</b>	Alternate Fuels and Advances in I.C. Engine - XVII
<b>18.</b>	<b>L18</b>	Alternate Fuels and Advances in I.C. Engine - XVIII
<b>19.</b>	<b>L19</b>	Alternate Fuels and Advances in I.C. Engine - XIX
<b>20.</b>	<b>L20</b>	Alternate Fuels and Advances in I.C. Engine - XX
<b>21.</b>	<b>L21</b>	Alternate Fuels and Advances in I.C. Engine - XXI
<b>22.</b>	<b>L22</b>	Alternate Fuels and Advances in I.C. Engine - XXII
<b>23.</b>	<b>L23</b>	Alternate Fuels and Advances in I.C. Engine - XXIII
<b>24.</b>	<b>L24</b>	Alternate Fuels and Advances in I.C. Engine - XXIV
<b>25.</b>	<b>L25</b>	Alternate Fuels and Advances in I.C. Engine - XXV
<b>26.</b>	<b>L26</b>	Alternate Fuels and Advances in I.C. Engine - XXVI
<b>27.</b>	<b>L27</b>	Alternate Fuels and Advances in I.C. Engine - XXVII
<b>28.</b>	<b>L28</b>	Alternate Fuels and Advances in I.C. Engine - XXVIII
<b>29.</b>	<b>L29</b>	Alternate Fuels and Advances in I.C. Engine - XXIX
<b>30.</b>	<b>L30</b>	Alternate Fuels and Advances in I.C. Engine - XXX
<b>31.</b>	<b>L31</b>	Alternate Fuels and Advances in I.C. Engine - XXXI
<b>32.</b>	<b>L32</b>	Alternate Fuels and Advances in I.C. Engine - XXXII
<b>33.</b>	<b>L33</b>	Alternate Fuels and Advances in I.C. Engine - XXXIII

<b>34.</b>	<b>L34</b>	Alternate Fuels and Advances in I.C. Engine - XXXIV
<b>35.</b>	<b>L35</b>	Alternate Fuels and Advances in I.C. Engine - XXXV
<b>36.</b>	<b>L36</b>	Alternate Fuels and Advances in I.C. Engine - XXXVI
<b>37.</b>	<b>L37</b>	Alternate Fuels and Advances in I.C. Engine - XXXVII
<b>38.</b>	<b>L38</b>	Alternate Fuels and Advances in I.C. Engine - XXXVIII
<b>39.</b>	<b>L39</b>	Alternate Fuels and Advances in I.C. Engine - XXXIX

**List of reference material/ books:**

**Name and contact details of two referees for the course:**