


**Department of MCA**  
**The National Institute of Engineering, Mysore**

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| a) | Concise syllabus for academic batch 2020-2021.<br><b>Resolution: Approved &amp; recommended to Academic Council for further action.</b>              |
| b) | Blown up syllabus of 2nd year for academic batch 2019-2020.<br><b>Resolution: Approved &amp; recommended to Academic Council for further action.</b> |
| c) | Blown up syllabus of 3rd year for academic batch 2018-2019.<br><b>Resolution: Approved &amp; recommended to Academic Council for further action.</b> |

**Discussions and Suggestions from Members:**

1. Prof. Niranjan Chiplunkar, principal, NMAMIT, Bangalore and Dr. Anil Kumar, SJCE, Mysore suggested for swapping of C # & .Net and Cloud Computing subjects, as elective and core respectively as Learning about cloud environment will help MCA students.  
**DC Resolution:** As an elective for C# and .Net it is not possible to assign labs. Department Council thinks MCA students need practical exposure as students will be carrying minor/major projects in the .Net environment. Hence the theory C# and .Net is retained as core course.
2. Prof. Kandaswamy, NITK, Suratkal, suggested that students choosing MCA as terminal course; subjects like Financial management and Health care management can be offered in place of Research Methodology, as an MOOC elective.  
**DC Resolution:** DC decided to offer Entrepreneurship and Management as a MOOC for the next academic year.
3. Prof. Niranjan Chiplunkar suggested that the value added courses like financial management, Insurance sector and Health care domains can be added at the end of the 1<sup>st</sup> year by inviting external people and making it mandatory for the students.  
**DC Resolution:** It was decided by the DC to offer webinars / seminars in the above said domains.
4. Dr. Anil Kumar suggested that C and Data Structures and kind of combined courses may become heavy syllabus 3/4 credit course.  
**DC Resolution:** The courses are carefully structured to meet the requirements of departmental vision and mission. Care is taken not to burden students with heavy syllabus and at the same time not diluting the syllabus also.

  
Signature of HoD, MCA

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20)&1&01	0DWKHPDWiFDO )RXQGDWiRQ IRU &RPSXWHU SSSiFDWiRQ	3	0	0	3	50	50	100	3
20&\$1101	%DViFV RI 3URJUDPPiQJ &RQFHSWV	3	0	0	3	50	50	100	0
20&\$1&02	&RPSXWHU 2UJDQiVDWiRQ DQG \$UFKiWHFWXUH	3	0	0	3	50	50	100	3
20&\$1&03	2SHUDWiQJ 6\ VWHP ZiWK <b>8 1 1;</b>	3	2	0	3	50	50	100	4
20&\$1&04	DDWD 6WUXFWXUHV ZiWK &	4	0	0	3	50	50	100	4
20&\$1&05	DDWDEDVH 0DQDJHPhQW 6\ VWHP ZiWK 0iQRU- 3URjHFW	3	2	0	3	50	50	100	4
20&\$1&06	= HE 7HFKQRORJiHV	4	0	0	3	50	50	100	4
20&\$1/01	DDWD 6WUXFWXUHV /DE	0	0	3	3	50	50	100	1.5
20&\$1/02	= HE 7HFKQRORJiHV /DE	0	0	3	3	50	50	100	1.5
	<b>7RWDO</b>	<b>23</b>	<b>4</b>	<b>6</b>		<b>450</b>	<b>450</b>	<b>900</b>	<b>25</b>

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&RXUVH &RGH	&RXUVH	7HDFKiQJ +RXUV/ZHHN			(DPIQDWiRQ				&UHGiWV
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20&\$2&01	223 ZiWK JDYD	3	0.	0	3	50	50	100	3
20&\$2&02	&RPSXWHU 1HWZRUNV	4	0	0	3	50	50	100	4
20&\$2&03	\$QDO\ViV DQG DHViJQ RI \$OJRUiWKPV	3	2	0	3	50	50	100	4
20&\$2&04	OREiOH SSSiFDWiRQ 3URJUDPPiQJ	3	0	0	3	50	50	100	3
20&\$2(1[[	(OHFWiYH ±I	3	0	0	3	50	50	100	3
20&\$2(2[[	(OHFWiYH ±II	3	0	0	3	50	50	100	3
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20&\$2/01	JDYD 3URJUDPPiQJ /DE	0	0	3	3	50	50	100	1.5
20&\$2/02	&RPSXWHU 1HWZRUNV /DE	0	0	3	3	50	50	100	1.5
	<b>7RWDO</b>	<b>21</b>	<b>2</b>	<b>6</b>		<b>450</b>	<b>450</b>	<b>900</b>	<b>25</b>

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&RXUVH &RGH	&RXUVH	7HDFKiQJ +RXUV/ZHHN			(DPIQDWiRQ				&UHGiWV
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20&\$3&01	DDWD \$QDO\WiFV ZiWK 3\WKRQ	4	0	0	3	50	50	100	4
20&\$3&02	&# DQG .1HW	3	0	0	3	50	50	100	3
20&\$3&03	6RIWZDUH (QJiQHHiQJ DQG DHViJQ 3DWWHUQ	3	2	0	3	50	50	100	4
20&\$3&04	IQWUHQHW-RI- 7KiQJV	3	2	0	3	50	50	100	4
20&\$3(3[[	(OHFWiYH ±III	3	0	0	3	50	50	100	3
20&\$3(4[[	(OHFWiYH ±I9	3	0	0	3	50	50	100	3
20&\$3/01	DDWD \$QDO\WiFV ZiWK 3\WKRQ /DE	0	0	3	3	50	50	100	1.5
20&\$3/02	&# DQG .1HW /DE	0	0	3	3	50	50	100	1.5
20&\$3&05	0iQRU 3URjHFW	0	0	2	2	50	50	50	2
	<b>7RWDO</b>	<b>19</b>	<b>4</b>	<b>8</b>		<b>450</b>	<b>450</b>	<b>850</b>	<b>26</b>

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&RXUVH &RGH	&RXUVH	7HDFKiQJ +RXUV/ZHHN			(DPIQDWiRQ				&UHGiWV
		/	7	3	DXUDWiRQ iQ +UV	6(( 0DUNV	&I( 0DUNV	7RWDO 0DUNV	
20&\$4&01	5HVHDUFK/7HFKQiFDO 6HPiQDU	-	-	-	-	-	100	100	2
20&\$4&02	IQGXVWU\ IQWHUQVKiS (4 = HHNv)	-	-	-	-	-	100	100	2
20&\$4&03	0DjRU 3URjHFW (16 ZHHNV)	-	-	-	3	200	50	250	20
	<b>7RWDO</b>					<b>200</b>	<b>250</b>	<b>450</b>	<b>24</b>

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**(OHFWiYH \*URXS I**

&RXUVH &RGH	6XEjHFWV	/	7	3	&UHGiWV
20&\$2(101	&\EHU 6HFXUiW\	3	0	0	3
20&\$2(102	DDWD 0iQiQJ DQG %XViQHVV IQWH00iJHQFH	3	0	0	3
20&\$2(103	(QWHUSUiVH 5HVRXUFH 3ODQQiQJ	3	0	0	3
20&\$2(104	IQWURGXFWiRQ WR \$UWiFiFiDO IQWH00iJHQFH	3	0	0	3

**(OHFWiYH \*URXS II**

&RXUVH &RGH	6XEjHFWV	/	7	3	&UHGiWV
20&\$2(201	&U\SWRJUDSK\ DQG 1HWZRUN 6HFXUiW\	3	0	0	3
20&\$2(202	8VHU IQWHUIDFH DHViQ	3	0	0	3
20&\$2(203	6XSSO\ &KDiQ 0DQDJHPhQW	3	0	0	3
20&\$2(204	DiVWUiEXWHG 2SHUDWiQJ 6\vwHPV	3	0	0	3

**(OHFWiYH \*URXS III**

<b>&amp;RXUVH &amp;RGH</b>	<b>6XEjHFWV</b>	<b>/</b>	<b>7</b>	<b>3</b>	<b>&amp;UHGiWV</b>
20&\$3(301	%ORFN &KDiQ 7HFKQRORJ\	3	0	0	3
20&\$3(302	DiJiWDO 0DUNHWiQJ	3	0	0	3
20&\$3(303	6RIWZDUH 7HVWiQJ	3	0	0	3
20&\$3(304	&ORXG &RPSXWiQJ	3	0	0	3

**(OHFWiYH \*URXS I9**

<b>&amp;RXUVH &amp;RGH</b>	<b>6XEjHFWV</b>	<b>/</b>	<b>7</b>	<b>3</b>	<b>&amp;UHGiWV</b>
20&\$3(401	0XOWiPHGiD 6\ VWHPV	3	0	0	3
20&\$3(402	IQWURGXFwiRQ WR 0DFKiQH /HDUQiQJ	3	0	0	3
20&\$3(403	DiJiWDO IPDJH 3URFHVViQJ	3	0	0	3
20&\$3(404	6RIW &RPSXWiQJ	3	0	0	3