

# **Annual Quality Assurance Report (AQAR)**

*for*

## **Academic session 2017-18**

*submitted to*



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission  
Bangalore*

*submitted by*



## **School of Management Sciences**

### **Lucknow**

**(NAAC Track ID : UPCOGN27056)**

## The Annual Quality Assurance Report (AQAR) of the IQAC

### Part – A

AQAR for the year (*for example 2013-14*)

2017-18

#### 1. Details of the Institution

1.1 Name of the Institution

SCHOOL OF MANAGEMENT SCIENCES, LUCKNOW

1.2 Address Line 1

19<sup>TH</sup> KM. STONE,

Address Line 2

KASIMPUR BIRUHA, SULTANPUR  
ROAD

City/Town

LUCKNOW

State

UTTAR PRADESH

Pin Code

226501

Institution e-mail address

director@smslucknow.com

Contact Nos.

09792633331,09506033170

Name of the Head of the Institution:

DR. MANOJ MEHROTRA

Tel. No. with STD Code:

0522-2238116

Mobile:

9919777701

Name of the IQAC Co-ordinator:

MS. SUCHITA VISHWAKARMA

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID(For ex. MHC0GN 18879)

**OR**

1.4 NAAC Executive Committee No. & Date:   
(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	<b>B++</b>	<b>2.80</b>	<b>2017</b>	<b>5 YRS</b>
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ **NA** \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ **NA** \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ **NA** \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ **NA** \_\_\_\_\_ (DD/MM/YYYY)



UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

7

2.2 No. of Administrative/Technical staff

2

2.3 No. of students

1

2.4 No. of Management representatives

3

2.5 No. of Alumni

2

2.6 No. of any other stakeholder and  
community representatives

1

2.7 No. of Employers/ Industrialists

2

2.8 No. of other External Experts

0

2.9 Total No. of members

18

2.10 No. of IQAC meetings held

**4 meetings held in session 2017-18 on quarterly basis**

2.11 No. of meetings with various stakeholders:

No.

2

Faculty

Non-Teaching Staff

Students

Alumni

Others

2.12 Has IQAC received any funding from UGC during the year? Yes

No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International

National

State

Institution Level

1

(ii) Themes

**Workshop conducted on “Outcome based Education” for faculty & staff**

2.14 Significant Activities and contributions made by IQAC

- **Degree & Diploma distribution for MBA, B. Tech & PGDM students.**
- **Organising “Parikrama” – An initiative on promoting entrepreneurial abilities of student**

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
<ul style="list-style-type: none"><li>• <b>To organise international seminar “ SPEEDS 2017”</b></li></ul>	<ul style="list-style-type: none"><li>• <b>SPEEDS was organised on 9<sup>th</sup> &amp; 10<sup>th</sup> Dec 2017.</b></li></ul>
<ul style="list-style-type: none"><li>• <b>To organise management conference 2018</b></li></ul>	<ul style="list-style-type: none"><li>• <b>2 day national conference entitled “Achieving business synergy through social, spiritual and Technological dimensions” was organised on 24-25 Feb 2018, in association with NHRD, Lucknow Chapter.</b></li></ul>
<ul style="list-style-type: none"><li>• <b>To collaborate with private and government organisations for getting grants in research &amp; consultancy</b></li></ul>	<ul style="list-style-type: none"><li>• <b>The management conference received a grant of Rs. 50,000 from AKTU. The institute has also collaborated with AMDISA( Association of management development Institutions in south Asia) for 3 yrs which would assist the institute in enhancing the quality of research and consultancy</b></li></ul>
<ul style="list-style-type: none"><li>• <b>To set NSS/NCC centre</b></li></ul>	<ul style="list-style-type: none"><li>• <b>The institute was allotted 1 unit of NSS (100 students) by UP government under Lucknow University</b></li></ul>
<ul style="list-style-type: none"><li>• <b>To arrange industrial trip for students</b></li></ul>	<ul style="list-style-type: none"><li>• <b>International and domestic industrial trips were organised for all PGDM, MBA, B. Tech &amp; Lucknow</b></li></ul>

**University UG courses**

- **To organise FDP s**
- **To initiate certification courses for benefit of students**
- **A workshop on data processing & MS office was organised on 9<sup>th</sup> June for all faculty and staff members**
- **Value added courses were arranged at Departmental levels considering the needs of Industry like Python, Advanced Java, Auto CAD, Matlab, Robotics, Augmented reality.**

*\*Academic Calendar attached as Annexure- I (a & b).*

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management    Syndicate    Any other body   

Provide the details of the action taken

Part – B

Criterion – I

**1. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.				
PG	<b>3</b>	<b>1</b>	<b>3</b>	
UG	<b>8</b>	<b>2</b>	<b>8</b>	
PG Diploma	<b>1</b>		<b>1</b>	
Advanced Diploma				
Diploma				
Certificate		<b>6</b>		<b>6</b>
Others				
<b>Total</b>	<b>12</b>	<b>9</b>	<b>12</b>	<b>6</b>
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

**CBCS & Elective/option in PGDM, MBA & B.Tech**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	<b>PGDM, MBA, B.TECH, M.COM, BBA, B.Com(H), BJMC, BCA, B.VOC</b>
Trimester	
Annual	<b>B. COM, B.Sc</b>

1.3 Feedback from stakeholders\*Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback: Online  Manual  Co-operating schools (for PEI)

**\*Feedback attached as Annexure- II .**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

**\* Syllabus revision attached as Annexure- III .**

1.5 Any new Department/Centre introduced during the year. If yes, give details.

**Department of Science, Establishment of Entrepreneurial Cell & Kalam Centre.**

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	<b>Total</b>	<b>Asst. Professors</b>	<b>Associate Professors</b>	<b>Professors</b>	<b>Others</b>
	<b>76</b>	<b>67</b>	<b>2</b>	<b>5</b>	<b>2</b>

2.2 No. of permanent faculty with Ph.D.

**18**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
<b>31</b>		<b>0</b>		<b>1</b>					

2.4 No. of Guest and Visiting faculty and Temporary faculty

**6**

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	<b>11</b>	<b>13</b>	
Presented papers	<b>7</b>	<b>29</b>	
Resource Persons			

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- **Case study based teaching pedagogy in MBA & PGDM,**
- **Practical and experiential mode of teaching methods used in UG , B.Tech and Diploma courses**

2.7 Total No. of actual teaching days during this academic year

**180**

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

**Pre University Test, MCQ and Term test being conducted regularly.**

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

**03**

2.10 Average percentage of attendance of students

**81 %**

2.11 Course/Programme wise distribution of pass percentage:

Title of the programme	Total no. of the students appeared Year Wise		Division									
			Distinction	%	1st	%	2nd	%	3rd	%	Pass	%
PGDM	2nd Year	13	0	0.00	7	53.85	6	46.15	0	0.00	13	100.00
BBA	1st Year	60	1	1.67	21	35.00	34	56.67	0	0.00	56	93.33
	2nd Year	32	1	3.13	12	37.50	19	59.38	0	0.00	32	100.00
	3rd Year	29	0	0.00	13	44.83	16	55.17	0	0.00	29	100.00
BCA	1st Year	52	0	0.00	2	3.85	22	42.31	2	3.85	26	50.00
	2nd Year	27	0	0.00	6	22.22	21	77.78	0	0.00	27	100.00
	3rd Year	10	0	0.00	8	80.00	2	20.00	0	0.00	10	100.00
B.COM	1st Year	72	0	0.00	0	0.00	32	44.44	21	29.17	53	73.61
	2nd Year	56	0	0.00	8	14.29	41	73.21	6	10.71	55	98.21
	3rd Year	28	0	0.00	0	0.00	22	78.57	6	21.43	28	100.00
B.COM (HONS)	1st Year	39	0	0.00	29	74.36	9	23.08	0	0.00	38	97.44
	2nd Year	50	0	0.00	32	64.00	18	36.00	0	0.00	50	100.00
	3rd Year	45	0	0.00	36	80.00	9	20.00	0	0.00	45	100.00
B.VOC	1st Year	15	0	0.00	8	53.33	0	0.00	0	0.00	7	46.67
	2nd Year	3	0	0.00	3	100.00	0	0.00	0	0.00	3	100.00
B.SC	1st Year	9	0	0.00	1	11.11	3	33.33	1	11.11	5	55.56
BJMC	1st Year	5	0	0.00	3	60.00	2	40.00	0	0.00	5	100.00
MBA	1st Year	53	1	1.89	1	1.89	14	26.42	0	0.00	53	100.00
	2nd Year	35	4	11.43	4	11.43	2	5.71	0	0.00	35	100.00
B. TECH- ME	1st Year	24	2	8.33	20	83.33	2	8.33	0	0.00	22	91.67
	2nd Year	30	7	23.33	28	93.33	2	6.67	0	0.00	30	100.00
	3rd Year	40	7	17.50	33	82.50	7	17.50	0	0.00	40	100.00
	4th Year	59	7	11.86	50	84.75	9	15.25	0	0.00	59	100.00
B. TECH- CS	1st Year	34	13	38.24	31	91.18	0	0.00	0	0.00	31	91.18
	2nd Year	43	16	37.21	42	97.67	1	2.33	0	0.00	43	100.00
	3rd Year	40	12	30.00	37	92.50	3	7.50	0	0.00	40	100.00
	4th Year	31	5	16.13	31	100.00	0	0.00	0	0.00	31	100.00
B. TECH- CE	1st Year	16	6	37.50	14	87.50	1	6.25	0	0.00	15	93.75
	2nd Year	32	12	37.50	31	96.88	0	0.00	0	0.00	31	96.88
	3rd Year	42	9	21.43	33	78.57	9	21.43	0	0.00	42	100.00
	4th Year	37	6	16.22	36	97.30	1	2.70	0	0.00	37	100.00

B. TECH- EC	1st Year	7	3	42.86	7	100.00	0	0.00	0	0.00	7	100.00
	2nd Year	6	2	33.33	6	100.00	0	0.00	0	0.00	6	100.00
	3rd Year	14	7	50.00	13	92.86	1	7.14	0	0.00	14	100.00
	4th Year	12	5	41.67	12	100.00	0	0.00	0	0.00	12	100.00
B. TECH- EN	1st Year	8	1	12.50	7	87.50	1	12.50	0	0.00	8	100.00
	2nd Year	5	2	40.00	5	100.00	0	0.00	0	0.00	5	100.00
	3rd Year	9	1	11.11	8	88.89	1	11.11	0	0.00	9	100.00
	4th Year	15	2	13.33	15	100.00	0	0.00	0	0.00	15	100.00

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

**The institution through IQAC takes following initiatives to monitor Teaching & Learning processes**

- **Student's Feedback**
- **Result Analysis**
- **Academic monitoring through Lesson Plans, Academic control sheet & DCPR(Daily Class Performance Report)**

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	<b>6</b>
Staff training conducted by other institutions	<b>14</b>
Summer / Winter schools, Workshops, etc.	<b>6</b>
Others	<b>8</b>

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	<b>43</b>		<b>11</b>	
Technical Staff	<b>21</b>		<b>4</b>	

### Criterion – III

#### 3. Research, Consultancy and Extension

##### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Encouraging faculty to present & publish research papers in reputed journals & conferences
- Research & Development Policy formulated & implemented

##### 3.2 Details regarding major projects : NA

	Completed	On going	Sanctioned	Submitted
Number				
Outlay in Rs.				

##### 3.3 Details regarding minor projects : NA

	Completed	Ongoing	Sanctioned	Submitted
Number	<b>1</b>			
Outlay in Rs.	<b>8000</b>			

##### 3.4 Details on research publications:

	International	National	Others
Peer Review Journals	<b>1</b>	<b>1</b>	
Non-Peer Review Journals			
e-Journals	<b>1</b>	<b>1</b>	
Conference proceedings		<b>2</b>	

##### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

##### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	<b>2017-18</b>	<b>Regional Science Center</b>	<b>8000</b>	
Interdisciplinary Projects				
Industry sponsored	<b>2017-18</b>	<b>Titan Co. Ltd.</b>	<b>56000</b>	<b>56000 (credited in student's account)</b>

Projects sponsored by the University/ College	<b>2017-18</b>	<b>BBAU</b>	<b>10000</b>	
Students research projects (other than compulsory by the University)	<b>2017-18</b>	<b>AKTU</b>	<b>42000</b> <b>(Expected in 2018-19) +</b> <b>15000</b> <b>(In the Form of Award)</b>	
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	<b>1</b>	<b>1</b>			
	Sponsoring agencies	<b>Institution of Engineers</b>	<b>AKTU</b>			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	<b>2412 / DEL/ 2010A</b>
	Granted	<b>NA</b>
International	Applied	<b>NA</b>
	Granted	<b>NA</b>
Commercialised	Applied	<b>NA</b>
	Granted	<b>NA</b>

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
	<b>1</b>		<b>1</b>			

3.18 No. of faculty from the Institution  
who are Ph. D. Guides  
and students registered under them

**1**

**7**

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level **100** State level   
National level International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level		State level	
National level		International level	

3.25 No. of Extension activities organized

University forum		College forum	<b>3</b>	
NCC		NSS	<b>5</b>	Any other <span style="border: 1px solid black; text-align: center; padding: 0 10px;"> </span>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- **Blood Donation camp organised on 20<sup>th</sup> Sep 2017 in joint association with SGPGI & Lion’s Club 160Units of Blood was donated.**
- **Old Cloths donation was arranged on 6<sup>th</sup> Dec 2017 where over 400 clothing items were distributed at Mother Teresa orphanage Lucknow amongst the inhabitants of Leprosy, Orphanage and welfare home.**
- **Regular Plantation drives conducted by institution along with students**

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	<b>53863.66 sq. mts</b>			<b>53863.66 sq. mts</b>
Class rooms	<b>48</b>			<b>48</b>
Laboratories	<b>50</b>			<b>50</b>
Seminar Halls	<b>2</b>			
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

#### 4.2 Computerization of administration and library

- **Computerisation of Library through DELNET, SOUL 2.0, NDL, NPTEL**
- **Computerisation of Accounts through - TALLY**
- **Class monitoring through DCPR**
- **Attendance monitoring of all staff through Biometrics**

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	<b>16017</b>	<b>4118085</b>	<b>1077</b>	<b>402937</b>	<b>17094</b>	<b>4521022</b>
Reference Books	<b>4688</b>	<b>1225838</b>	<b>124</b>	<b>52118</b>	<b>4812</b>	<b>1273956</b>
e-Books						
Journals	<b>206</b>	<b>1299197</b>	<b>01</b>	<b>1794</b>	<b>207</b>	<b>130091</b>
e-Journals			<b>12</b>	<b>-</b>		
Digital Database	<b>1</b>	<b>75422</b>			<b>1</b>	<b>75422</b>
CD & Video	<b>767</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>788</b>	
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	<b>504</b>	<b>5</b>	<b>8 Mbps</b>	<b>495</b>	<b>1</b>	<b>1</b>	<b>8</b>	
Added	<b>NIL</b>	<b>NIL</b>	<b>7 Mbps</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
Total	<b>504</b>	<b>5</b>	<b>15 Mbps</b>	<b>495</b>	<b>1</b>	<b>1</b>	<b>8</b>	

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- **A foundation programme on ICT for education was offered from 03 August to 07 September 2017 by IIT Mumbai. The second part of this FDP was scheduled from 14 September to 12 October 2017.**
- **Two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on "Pedagogy for Online and Blended Teaching-Learning Process" from 14 September to 12 October 2017 Conducted by IIT Bombay.**
- **A workshop on Data Processing & MS Office was organized on 9th June, 2018 for all faculty and staff members.**

4.6 Amount spent on maintenance in lakhs :

i) ICT	<b>38350</b>
ii) Campus Infrastructure and facilities	<b>295415</b>
iii) Equipments	<b>438385</b>
iv) Others	<b>7653345</b>
<b>Total :</b>	<b>8425495</b>

### Criterion – V

#### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

**Awareness and Counselling through mentors**

5.2 Efforts made by the institution for tracking the progression

- **Regular Class Test & Sessional in each semester**
- **Identification of weak students**
- **Extra/tutorial classes for weaker students**
- **Final result analysis**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
<b>1120</b>	<b>145</b>	<b>0</b>	<b>0</b>

(b) No. of students outside the state

**64**

(c) No. of international students

**NIL**

<table border="1" style="display: inline-table;"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>1003</b></td> <td style="text-align: center;"><b>79.28</b></td> </tr> </tbody> </table>	No	%	<b>1003</b>	<b>79.28</b>	Women	<table border="1" style="display: inline-table;"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>262</b></td> <td style="text-align: center;"><b>20.71</b></td> </tr> </tbody> </table>	No	%	<b>262</b>	<b>20.71</b>
No	%									
<b>1003</b>	<b>79.28</b>									
No	%									
<b>262</b>	<b>20.71</b>									

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
639	137	0	255		1031	662	181	03	419		1265

Demand ratio  Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- **Permission granted to students for attending coaching depending on individual cases**
- **Weekly classes for developing quantitative skill and logical reasoning for Post Graduate and B.Tech courses.**
- **Competitive books made available in Library & regular counselling made for competitive exams**

No. of students beneficiaries

**All students of second, third and fourth year of B. Tech and First and second year of MBA and PGDM**

5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
IAS/IPS etc State PSC  UPSC  Others

5.6 Details of student counselling and career guidance

- **The institution has wellconstituted career guidance and counselling cell which has 3 members.**
- **Guidance and sessions are taken as per the needs of students and institutions**
- **24 students counselled**

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
61	212	85	55



## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

**Vision : To become a constantly growing center of excellence nurturing global-centric professional leadership based on ethical and moral attributes.**

**Mission : To create excellent learning ambience through innovation in teaching, research and consultancy for producing professionals capable of answering global challenges and demonstrating high ethical and moral standards.**

#### 6.2 Does the Institution has a management Information System

**Yes: DCPR- (Daily Class Performance report) for tracking the attendance of students and class records**

#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

##### 6.3.1 Curriculum Development

**Taking feedback through stakeholders & incorporating the revisions and Value added courses**

##### 6.3.2 Teaching and Learning

**The pedagogy is made more practically oriented for professional courses**

##### 6.3.3 Examination and Evaluation

**Adopting reforms in evaluation pattern by the use of MCQ pattern and Pre university tests (PUT) and Term Tests**

##### 6.3.4 Research and Development

- Encouraging faculty for contributing and presenting paper
- Well-built HR policy for promoting research initiatives by faculty
- Well defined R & D policy in place for faculty

##### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Developed internal website for library and linked with institutional website
- Purchased and installed grievance cell software
- Installed sanitary napkin dispensing & disposing machine

### 6.3.6 Human Resource Management

**School of Management Sciences Lucknow has strengthened the HR foundation to push the employees to achieve greater results in following ways:-**

- **Institute provides an optimistic environment to all employees. Right from regular appreciation to due appraisals and transparency in communication is being followed.**
- **We have started taking employee feedback at a regular interval and implement the positive outcomes of the same while taking related decisions.**
- **All staff are covered under PF & ESI policy.**
- **Exit interview of the employees has been started from November, 2017.**
- **Work satisfaction survey has been started from January, 2018.**
- **Education Climate Assessment & Diagnostic technique is being implemented which allows for an objective assessment of the degree of satisfaction of people at School of Management Sciences, Lucknow to understand needs and expectations of employees at work and their perception of existing problems.**
- **Various kinds of leaves given as Duty/Leave for higher studies/sabbatical leave/Special and Medical leave**

### 6.3.7 Faculty and Staff recruitment

**School of Management Sciences Lucknow in recruitment process, invites applications across states, to have a diverse pool of workforce.**

### 6.3.8 Industry Interaction / Collaboration

- **ABBSCISSA- A industry Interaction in the form of “Personality Training & Assessment Workshop” was organized for PGDM and MBA First Semester students by ABBSCISSA HR Consultancy, New Delhi on 22 September 2017. During the training workshop various personality assessment and development activities took place including Numerical Test, Verbal Reasoning, Map problems, Group Discussion Activities, Story Writing & Personal Interviews. The purpose of different activities was to assess every student regarding their strengths and weaknesses in relation to their personalities and make them work upon those so that students can be better prepared for upcoming GD and Final Interview rounds in years ahead.**
- **StartAb - SMS Lucknow hosted a 2-hour long workshop on StartAb in collaboration with Facebook and Josh Talks on 21 November, 2017. The workshop was divided into 2 sessions:**
- **The first session comprised of talks delivered by Mr. Chandra ShekharVerma, a Behaviour scientist, Author and a Public Speaker**

with an experience of about 30 years. Mr.Verma emphasized that people should start thinking about becoming more entrepreneurial in nature. He also shared the start-up journey of first generation entrepreneurs and the struggle they had to face to reach where they were today.

- The second session was an online digital marketing workshop by Mr.VedantMaheswari from Josh Talks and facebook on 'How to Start Your Business Online'. The objective of this workshop was to foster the entrepreneurial spirit among young people today and give them adequate direction to launch their on enterprises while in college.

### Guest Lectures

1. Mr.Nirmal Joshi, Attitude Consultant, gave a guest lecture on 'Non-Partition Thought Process & Career Development on 3 September, 2017.
2. Mr. Saibal Kr. Roy (Sr. Vice President), Rudrabhishek Enterprises Pvt. Ltd. (REPL) gave a Guest Lecture under "Leadership Lecture Series" on 10 October, 2017.
3. Er. Anil Kr. Srivastava (Managing Director), 'Snow Fountain Civil Engineering Vocational Training Institute' gave a guest lecture on the topic "Road Safety" on 27 October, 2017.
4. Mr. Yashpal Singh (Head - HR & Admin), D. P. Jain & Co. Infrastructure Pvt. Ltd. gave a guest lecture under "Leadership Lecture Series" on 30 October 2017.
5. Mr. Saud Usmani, Head, Talent Acquisition, Tata Motors, Lucknow visited SMS Lucknow on 1 November, 17 to deliver a lecture on Compensation & Rewards. Mr.Usmani threw light on the current trend of H R's focusing more on high potential and nurturing it to become high performing and discussed how an organization leverages on its brand equity to decide its compensation policy. The session gave a practical introductory insight into the field and was attended by MBA & PGDM students.
6. Prof. Raj Laxmi Srivastava, SRMU Lucknow delivered a Guest Lecture on "Work Life Balance" at SMS Lucknow on 8 November 2017. Students of MBA & PGDM attended the event. Ms. Srivastava explained that Work/life balance implies, that there should be an even balance between work and personal life, and it is both managing time and remaining focused on what you are doing in that moment, and not multitasking. Stress level of students present in the session was calculated and analyzed.
7. A guest lecture by Mr. Ravi Kant Gupta, Sr. Manager, Reliance Infocom, Mumbai on the topic "Effect of Harmful Radiations of Mobile Phone on Human Body" was held on November 17, 2017 for the students of Electrical & Electronics and CS branches.
8. SMS Lucknow organized a guest lecture on "CFP (Certified Financial Planner) Programme for the students of MBA & PGDM on 21st March, 2018. The lecture was delivered by Mr.Abhinav Singh, owner of Wealthgate. Mr. Singh enlightened the students with the importance and scope of financial planning. Then he emphasized on

the course 'Certified Financial Planner'. He explained the advantages of CFP course over other professional courses. He also focused on the opportunities a person can get after completion of the CFP Course

- **ACC Youth Connect – 2018-** ACC Cement Ltd. organized ACC Youth Connect - 2018 at SMS Lucknow for the students of B.Tech/Diploma – Civil Engineering 2018 batch & MBA 2019 batch on 10th April, 2018. Senior officials of ACC Cement graced the occasion. The activity was conducted by Mr. Kumar Abhishek, a Solution Strategist, & Director of Praxis-EL Limited. The Program was initiated with the insightful lecture by Kumar Abhishek on employability and current employment scenario. Employability & Management Assessment Test was conducted followed by Psychometric personality analysis of all students. The session concluded with sharing results of psychometric test with all the students by the Praxis-EL Team

**NATIONAL CONFERENCE 2018 - School of Management Sciences, Lucknow** organized a 2 Days National Conference entitled "Achieving Business Synergy through Social, Spiritual and Technological Dimensions" in association with NHRD Lucknow chapter and was conducted on 24th-25th Feb 2018. The conference was attended by all PG students. The Inaugural session was graced by the presence of Mr. Kumar Lalit, President NHRD Lucknow Chapter, GM (HR, ER & Admin) Tata Motors Lucknow, Mr. Vijay Sinha, Sr. Vice President-HR JSW Energy Limited, Mr. Sanjay Singh, EVP & Global Head- HR & Corporate Communication, Crompton Greaves, Sister Radha, Center In charge, Prajapita Brahma Kumaris Ishwariya Vishwa vidyalaya and Mr. S.Y. Siddiqui, Chief Mentor, Maruti Suzuki India Ltd.

During First Plenary Session Mr. Praveen Singh Managing Director, Mr. Annu Grover, Founder –Nurturing Green, Prof. M.A. Usmani, Ex-Principal ICCMRT, Lucknow and Mr. Milind Raj, Tech Entrepreneur and founder Invero Tech (India) had a very interactive session with the audience.

In the valedictory session. Prof. Himanshu Rai, IIM Lucknow, Dr. C.M. Dwivedi, Group Chief Human Resource Officer, Fazlani Group of Companies inspired the audience.

- **Industrial Visit**

1. A visit was organized for CE 4th Year students to 'Snow Fountain Group of Organizations', Lucknow on 12 October, 2017. In the visit students learned about different types of problems associated in the field test and how to tackle them.
2. An Industrial Visit to Amul Plant in Lucknow on Thursday, 26 October, 2017 for MBA, BBA, and B.Com (Hons) students. During the visit, students visited and saw the making of various processes like Milk powder, Ice-Creams, Milk and Butter preparation, etc. It was a wonderful and interactive visit, where the students understood the production processes, products and operation of one of the best examples of co-operative achievement in the developing economy. Students showed keen interest in

asking questions about the management of the milk which is taken from rural area to the plants also about the supply chain management system of the prepared good. Students had very good technical exposure as they were able to see the process of packing which is completely automatic

3. An Industrial cum Excursion trip to Dehradun/ Rishikesh/ Musoorie/ Haridwar from 31 January to 04 February, 2018. A group of 47 MBA & PGDM students (I and II year) along with three faculty members visited Uttrakhand during the five days excursion tour. Companies Visited- Hero Motocorp, Om Engineering Works (Manufacturers of Havells Switch board Panels) and CONA Switches.
4. INTERNATIONAL TOUR–MALAYSIA VISIT 2018 - A 5 days (24-28 Feb 2018) Industrial tour to Malaysia was arranged for PGDM students. The tour includes various industry visit and national monument along with an exhaustive interaction with the students and faculty of Limkokwing University Malaysia. Visit to Limkokwing University, Yakult and Chocolate factory.
5. The Institution also has membership of LMA, PHD, CII, AKWL and NHRD through which various interactions of industry experts are organised for students.

#### 6.3.9 Admission of Students

- Conducting screening test
- Increase in the number of courses for horizontal growth
- Increased participation of online service provider like siksha.com and online enquiry generation process
- Adopted integrated communication methods and increase in promotional and awareness activity through use of LED van
- Separate counselling of individual students based on academic qualification and are of interest
- Participating in various education fairs
- Organised counselling camps for students at semi-urban and rural locations
- Pre- admission visits to campus, organised for school and inter-college students
- Benefit of scholarship given to meritorious students

6.4 Welfare schemes for

Teaching	<b>PF, GROUP INSURANCE &amp; MEDICAL LEAVE</b>
Non teaching	<b>PF, GROUP INSURANCE, ESI &amp; MEDICAL LEAVE</b>
Students	<b>GROUP INSURANCE</b>

6.5 Total corpus fund generated

**67,00,000**

6.6 Whether annual financial audit has been done Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			<b>Yes</b>	<b>DIRECTOR</b>
Administrative			<b>No</b>	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes    Yes     No

For PG Programmes    Yes     No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

**AKTU has brought in improvement to provide question paper by e-mail of college login an hour before the examination of semester and examination.**

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

**No Provision by University**

6.11 Activities and support from the Alumni Association

**Fourth Annual Alumni Meet was successfully organized at SMS Lucknow campus on January 27<sup>th</sup>, 2018.  
The alumni of the institute shared their experiences of their learning from and outside campus. They also shared the various opportunities with the students of the current batch.**

6.12 Activities and support from the Parent – Teacher Association

**No Parent – Teacher Association**

6.13 Development programmes for support staff

**• A workshop on data processing & MS office was organised on 9<sup>th</sup> June 2018 for all faculty and staff members.**

## 6.14 Initiatives taken by the institution to make the campus eco-friendly

### **Energy conservation**

- The Administration Department ensures usage of electricity only where and when required with minimum wastage.
- The institute has moved on from normal light bulbs (least required wattage) to slim lights and LEDs thus conserving energy to the extent required.
- The Administration also promotes procurement and installation of efficient electrical systems to save electricity.
- Automatic water dispensers are used in water coolers and toilets to avoid continuous running of water.
- High capacity air conditioners are kept off at all the times unless these areas are fully occupied.
- The thermostats of all air conditioners are set at 25 degrees or above so as to avoid wastage as well as ensuring wellbeing of individuals which could be due to sudden increase / decrease of temperature.
- Regular interaction / advice / actions by faculty and staff help in inculcating the habit of switching off the lights / fans, etc, when not required.
- Surprise checks and regular notices reinforce this aspect of energy conservation.

### **Use of renewable energy (40 KW Solar Energy Plant installed)**

- Use of renewable energy is accorded due importance and priority.
- Solar heaters are due to be installed in all the hostels.
- Other blocks are also planned to switch to Solar Energy as the main supply for electricity in the near future.

### **Rain Water harvesting**

- A network of rain water harvesting system ensures continuous recharging of ground water table.
- A monthly internal audit system of this Water harvesting system is carried out and is accorded due importance.

### **Efforts for Carbon neutrality**

- The architecture of buildings ensures maximum sunlight on all floors.
- This allows high circulation of natural air and green plantations to flourish.
- Monthly inspection of college vehicles, timely PUC check and restricted entry of vehicles inside the campus ensures lowest possible emission and pollution free environment thereby neutralizing the carbon effect.
- Efforts are also in progress to make all reporting paperless to reduce carbon footprints.

### **Plantation**

- Each block and building is surrounded by large open areas on which green lawns, plants and trees maintain a healthy balance with environment.
- Monthly inspection is carried out of entire campus to review the patches for de-weeding, re-plantation and reorientation according to changes in the weather
- More than 1000 plants have been received by various bodies like NGO's, Forest Department and other institutions that have been planted in the campus.

### **Hazardous waste management**

- Waste management is given high priority.
- The recyclable garbage waste and non- recyclable wastes are dumped in separate and specified containers / dustbins.
- An agency with expertise in waste collection and disposal has been hired for waste collection on daily basis.
- Also our administration and sanitation department processes bio-degradable waste to make manure and dispose of recyclable and non-recyclable wastes as per established norms.
- In addition to the above, due importance is given at the time of procurement itself wherein quality product is only purchased with buy-back clause invariably included and later exercised to avoid items viz. batteries, etc falling in scrupulous hands / usage.

### **e-waste management**

- The institution practices effective e-waste management techniques by disposing off the e-junk in a manner that does no harm to the environment.
- Some of the parts are segregated that are recycled and reused.

## **Criterion – VII**

### **7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- 1. Introduction of daily prayer at the start of the day has resulted in making a positive impact on the result of the students and generating a positive impact on the culture of the entire institute.**
- 2. Allowing a time for two lectures per week for each class (year & course) for sports has helped in unleashing of youth energy in the positive direction. Students as a result are getting more involved in constructive activities of the institute.**
- 3. Under the Kalam @ campus the students are encouraged and they are getting motivated and contributing to do meaningful projects. They are also participating in various start-up and entrepreneurial events to showcase their projects and talent.**

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

### **Action Taken Report on the AC Meeting held on 12th November 2017.**

The following actions were initiated and implemented to fulfill and translate the decisions of the AC meeting held on Sunday, the 12<sup>th</sup> November, 2017 into ground realities:

<b>Decisions taken at the AC Meeting of 12<sup>th</sup> November 2017</b>	<b>Action Taken</b>
<b>Item 5 (a) of AC 2017:</b> To hold International Seminar SPEEDS 2017 in Dec 2017	The International Seminar on “ Sources of Planet Energy, Environmental and Disaster Science: Challenges and Strategies”, ( <b>SPEEDS-2017</b> ) was conducted on 9th - 10th December, 2017 in association with The Institution of Engineers (India) U.P. State Center & Dr. A.P.J. Abdul Kalam Technical University, Lucknow. 152 papers were received, 120 papers were accepted, and 73 papers were presented at the Seminar. 38 selected papers were included in the "Proceedings of the Seminar" which was printed in the form of ISBN allotted book. Funding of Rs. 30,000/- from IEI was received for the event besides contribution from other sponsors.
<b>Item 5 (b) of AC 2017:</b> To hold a Conference on Management issues in February 2018.	2 Days National Conference titled “ <b>Achieving Business Synergy through Social, Spiritual, and Technological Dimensions</b> ” was organized in association with NHRD Lucknow Chapter and sponsored by AKTU, Lucknow, on 24 <sup>th</sup> and 25 <sup>th</sup> February, 2018.164 research papers were accepted and 67 were presented by different research scholars across the country including 11 Skype presentations. Special issue of the Journal - Adhyayan has been brought out having papers on the theme of the Conference.
<b>Item 6 (a) of AC 2017:</b> To take steps to improve results and get positions of merit in University examinations	There has been overall improvement in the results in the last semester examinations. It was decided to focus on few students in each course who could attain merit position in the university. They must be provided encouragement, mentoring, practice and special help to figure in the merit list. Also such students, if getting placements, must be actively taken-up by T&P to join only after completion of their course, so that their percentage does not get affected.
<b>Item 6 (b) of AC 2017:</b> Special focus to PMKVY courses for making them successful	The first batches of all 6 courses under PMKVY are operating to full capacity. However in the next batches, screening of candidates needs to be done on the basis of their need assessment, so as to prevent drop outs and achieve sincerity in the program.
<b>Item 6 (c) of AC 2017:</b> To have senior faculty for improved deliverables	Selection Committee was conducted in June 2018 and Senior faculty with Ph.D. have been inducted in each department. We now have HOD's of Civil Engg. & Computer Science Engg. with Ph.D. For other departments' also senior faculty have been inducted to focus on quality improvement in academics.

### **Best Practices (A)**

1. **Title of Practice:** Implementation of Employability Enhancement Programme (EEP).
2. **Goal:** To provide industry relevant training, and other skill sets to students to make them globally competitive and employable in their respective fields.
3. **The context:** The biggest challenge facing engineering and management education and institutions today is the poor level of employability of graduating students. The primary reason for this, other than the disoriented quality of education, is the lack of acquiring of life skills required for surviving and performing in the industry. The academic curriculum structured by the University system and the teaching imparted are inadequate in meeting the industry requirement. There is a definite need for understanding the requirements of the industries so that the graduating students have the potential to be gainfully employed and can positively contribute to the growth of the business and industries.
4. **The Practice:** The institute has taken cognizance of this important need for improving the employability of students. Some of the activities conducted for improving employability of students are:
  - a) Assessment of the existing skills is done by experts in the field like ABBSCISSA and AMCAT. This brings out the gap in the skills required by the industry as prospective employers.
  - b) Detailed EEP syllabus has been worked out for each year for Engineering (B.Tech) and Management (MBA & PGDM) students. The delivery of this EEP is rigorously followed and regularly monitored. This includes developing aptitude skills and behavioural skills in the students. It has also been made a part of the assessment of the students in the process of their development. Providing industry relevant training and skills have been made a KRA in the institute and concerted efforts have been made to improve the employability of graduating students.
  - c) English speaking enhancement through the use of Language Lab.

Besides the strict implementation of EEP emphasis is also laid on exposing the students to Value Add Courses required by the prospective employers. This has been given a nomenclature of "Technical EEP". Some of these are Microsoft Certification, or CCNA & CCNP certification, Computer Aided Design (CAD), dot net, AI, Cloud computing, Hadoop, and packages like Pro-E and Catia.

Online practice sessions are regularly provided for aptitude development.

5. **Evidence of Success:** The above initiatives and measures taken by the college to bridge the gap between industry requirements and academic curriculum have paid very rich dividends in improving the employability of students. The college placements have been steadily improving in terms of number of companies coming to campus, number of students employed as well as quality of placements.
6. **Problem Encountered & Resources Required:** The curriculum and time frame being fixed by the university has posed a constraint in dynamically modifying and updating it to suit the changing industry needs. Also trained faculty to conduct such specialized programmes is rare to find. However, the institute has managed to overcome most of these problems and have successfully blended these add-ons along with the regular classes of the relevant courses.

## Best Practices (B)

Vedic Science Centre, Lucknow was established under the aegis of School of Management Sciences, Lucknow on 21st April' 2015.

1. **Title of Practice:** Implementation of the “Yoga Classes and Prayer”
2. **Goal:** To provide alignment of the physical body, the mental state and the energy level to students by providing daily assembly of prayer and weekly Yoga classes. The practice is followed with a goal to enhance positivity and energy level, which increases the concentration and focus of life goals, to overcome the challenges of the society faced in the current scenario of the highly competitive professional era.
3. **The context:** The Engineering and Management education is facing the biggest challenge of poor rural education background of the graduating students. The resultant outcome of this, other than the disoriented quality of education, is the lack of confidence, concentration, happiness, health problems and positive thinking that is required for every walk of life in professional world apart from the grades in academic curriculum and which has limitations for development of overall personality of the students.

The professional world has immense challenges; hence there exists a need that the graduating students must show dedication, alertness and potential for positive contribution to the industrial growth as well as to provide benefits to the society.

Such practice also set apart SMS Lucknow and differentiates itself among the professional colleges by following a constructive activity beyond the normal academic curriculum.

4. **The Practice:** The institute has taken cognizance of this important need for improving the alignment of body, mental state and energy level of students. Some of the activities conducted for improving concentration of students are:
  - (a) Regular daily prayer assembly is done between 9:30 a.m. to 9:40 a.m. in presence of teachers / director. This brings out the positive vibrations at a very high level, the bodies of participants and even the walls are charged with positive energy. This residual positive energy residing in the walls again fills the gap whenever the students move out from the passages to and from their class rooms.
  - (b) Detailed Yoga practices have been documented for one hour on every Saturday on rotation basis for B.Tech and Management students. The conduction of Yoga and Exercises is rigorously followed and regularly monitored by trained teachers and sometimes from experts. This includes practices to increase concentration, alignment of body and mental alertness in the students. Concerted efforts have been made to improve the overall development of the graduating students.

It is also proposed to get some of the students trained from the experts and to make them perform as internal trainers. Such practice of Yoga may be extended to be performed in the hostels regularly.

5. **Evidence of Success:** The above initiatives and measures taken by the college to enhance overall personality of students apart from academic curriculum are being appreciated by the students as well as the teachers.
  - It has started improving the educational quality and employability of students.
  - The college academic environment is also steadily improving in terms of behavioral change of students, the discipline within the campus, the quality of education, the academic results and placements.
  - The students have become more inquisitive and this opening-up of their thinking level is evident in their pursuits towards research and innovation.
6. **Problem Encountered & Resources Required:** The academic curriculum and time frame being fixed by the university has posed a constraint in regular practicing of Yoga. Thus it is conducted only on Saturdays that too on rotation basis. Also Experts /trained faculty to conduct such specialized Yoga classes and Prayer assembly are rare to find in any professional Institutes. However, the institute has managed to overcome most of these problems, built it as a habit of daily prayer and have been successfully implementing these add-ons along with the regular classes of the relevant courses.

7.4 Contribution to environmental awareness / protection

- **Plantation drive taken up and importance of maintaining ecological balance highlighted**
- **Earth day was celebrated in the campus to raise awareness among all stakeholders**

7.5 Whether environmental audit was conducted? Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**As per the observations and suggestions of the NAAC Peer Team, SMS Lucknow has implemented some constructive and improvement generating steps. Some of these steps are:**

1. Focus on improving research activities through initiating another Journal exclusively devoted to Environmental Issues, besides our already two biannual Journals being published regularly.
2. Building a culture of promoting innovation, start-up and entrepreneurship. Two more centres of Excellence have been established (a) Kalam @ Centre and (b) Entrepreneurship Cell which are approved centres from Dr. A.P.J. Abdul Kalam Technical University, Lucknow.
3. Focus on adding meaningful, industry oriented, value-added courses.
4. Introduction of six skill development programs under PMKVY (Pradhan Mantri Kaushal Vikas Yojna). The 6 programs @ 25 seats each are as follows: Automotive - Repair & Welder; Construction - Shuttering Carpenter System; Electronics - Field Technician; Electronics - DTH Set Top Box Installation & Service Technician; Plumbing - Plumber (General); Automotive - Welding & Quality Technician. These are over and above the Bachelor in Vocation offered in Software Development.
5. A policy for promoting Consultancy assignments and sharing of revenue has been spelt out by the Institute.

A brief overview may be presented in the form of SWOC for the Institute.

**Strengths:** Excellent infrastructure and facilities; well-built system of governance; progressive strategies of visionary management; Focus on quality in academics and administration; Use of technology for enhanced teaching-learning outcomes; Enhancement of industry interface; Contribution in social upliftment through an active NSS Unit (as allotted by Govt. of U.P.) and through other extension (ISR) Activities; Recognition through various awards at National and Global levels.

**Weaknesses:** As the curriculum is largely governed by the affiliating University so there is less flexibility to incorporate subjects / courses required by the industry; securing consultancy assignments; obtaining patents; external sources of funds, are some of the weaknesses.

**Opportunities:** Adequate infrastructure, equipments, facilities, and competent academic staff open-up opportunities for offering more skill based programs, conducting MDP's, and enhancing research activities.

**Challenges:** Attracting quality students still remains a challenge.

The various initiatives taken by the Institute during 2017-18 have been duly recognized by the following awards:

- a. SMS Lucknow ranks (32<sup>nd</sup>) among the top 50 B-School of the country, as per the Business India Survey 2017.
- b. Prof. (Dr.) B.R. Singh was conferred with Gomti Shree Vishisht Nagrik Samman award by the President of the Gomtinagar Jan Kalyan Mahasamiti, on April 08, 2017. The award was issued in recognition to his contribution made to protect "Environment, Global Warming and Climate Change".
- c. Mr. Ashok Sengupta, Asst. Professor, was conferred with "International Award for Professors with Excellence in Teaching in Higher Education' at Thailand (Bangkok) by South Asia Management Association, on 2<sup>nd</sup> December 2017.
- d. SMS Lucknow was awarded the "best Engineering College in North India" under 'Excellence in Education, Training & Development - Award 2018', organized by ASSOCHAM in Ranchi on 28th February 2018.
- e. SMS Lucknow is now the member of AMDISA (Association of Management Development Institutions in South Asia) with effect from April 2018.
- f. ADHYAYAN - the Journal on Management & Commerce of SMS Lucknow is now a member of "Journals Association of India" with effect from May2018.

## 8.Plans of institution for next year

**For the academic year 2018-2019, School of Management Sciences, Lucknow wants to enhance its focus in the following areas:**

- The institution aims to start relevant value added certification courses for its internal students as well as external students to help enhance their employability.
- The institution also wants to increase the frequency of departmental workshops for the benefit of student and faculty
- The institution would initiate processes for green energy audit.
- The institution also would like to integrate various processes, enhance monitoring and data management through implementation of ERP solutions.
- The institution would also take necessary steps towards upgradation of computer labs
- The institution wants to add new courses under pradhan mantra kaushal vikas courses
- The institution also wants to start a Journal “Shrishti” which would focus on publication of research activities in the area of environmental protection & conservation.

Name : SUCHITA VISHWAKARMA

Name : Prof. (Dr.) MANOJ MEHROTRA



\_\_\_\_\_  
Signature of the Coordinator, IQAC

\_\_\_\_\_  
Signature of the Chairperson, IQAC

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## Annexure I

### Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

**Annexure-Ia (Point No. 2.15 of Part-A)**

**School of Management Sciences, Lucknow  
Academic Calendar 2017-18**

31st July 2017

1	Registration of Students and Commencement of Classes 2 <sup>o</sup> Year I 3 <sup>rd</sup> Year (PGDM, BBA, BCA, B.Com & B.Com (Hons.))	20 July 2011
2	Registration of Students and Commencement of Classes 2 <sup>nd</sup> Year MBA.	1 August 2017
3	Registration of Students and Commencement of Classes for Ist Year (PGDM, MBA, BBA, BCA, B.Com, B.Com (Hons.), & B.Voc	8 August 2017
4	Registration of Students and Commencement of Classes for 2 <sup>nd</sup> Year B.Voc.	18 August 2017
5	Independence Day	15 August 2017
6	SMS Foundation Day	19 August 2017
7	Induction/ Orientation Programme	3 <sup>rd</sup> Week of August 2017
8	Odd Sem. Class Test I (PGDM, MBA, BBA, BCA, B.Com, B.Com (Hons.), & B.Voc)	2 <sup>nd</sup> Week of September 2017
9	Aagman Programme	3 <sup>rd</sup> Week of September 2017
10	Durga Pooja/ Dussehra	28 - 30 September 2017
11	Hobby Centre Activity	2 <sup>nd</sup> Week of October 2017
12	Deepawali	2 <sup>nd</sup> Week of October 2017
13	Odd Sem. Class Test 2 (PGDM, MBA, BBA, BCA, B.Com, B.Com (Hons.), & B.Voc	4 <sup>th</sup> Week of October 2017
14	Odd Sem. Pre Semester Exam	4 <sup>th</sup> week of November 2017
15	Final Semester Exam (PGDM)	7 December 2017
16	Final Semester Exam (MBA, BBA, BCA, B.Com, B.Com (Hons.), & B.Voc.)	In December 2017 as per the university notification
17	Christmas	25 December 2017
18	Commencement of Classes for even Semester (PGDM)	2 January 2018
19	Commencement of Classes for even Semester (MBA, BBA, BCA, B.Com, B.Com (Hons.) & B.Voc.)	3 <sup>rd</sup> Week of January 2018
20	Republic Day	26 January 2018
21	Even Sem. Class Test 1 (PGDM)	1 <sup>st</sup> week of February 2018
22	Sports Week	29 Jan to 4 February 2018
23	Even Sem. Class Test 1 (MBA, BBA, BCA, B.Com, B.Com (Hons.) & B.Voc)	3 <sup>rd</sup> Week of February 2018
24	Even Sem. Class Test 2 (PGDM)	1 <sup>st</sup> Week of March 2018
25	National Conference	23-24 February 2018
26	Holi	2 March 2018
27	Hobby Centre Activity	2 <sup>nd</sup> Week of March 2018
28	Even Sem. Class Test 2 (MBA, BBA, BCA, B.Com, B.Com (Hons.) & B.Voc)	4 <sup>th</sup> Week of March, 2018
29	Even Sem. Pre Semester Exam (PGDM)	5 <sup>th</sup> Week of March 2018
30	Even Sem. Pre Sem. Exam (MBA, BBA, BCA, B.Com, B.Com (Hons.) & B.Voc)	4 <sup>th</sup> Week of April, 2018
31	Final Semester Exam (PGDM)	10 April 2018
32	Final Semester Exam (MBA, BBA, BCA, B.Com, B.Com (Hons.), & B.Voc.)	In May 2018 as per the university notification



(Prof. Manoj Mehrotra)  
Director

Copy to :

CEO-For Info. Pl.

DG (Technical), CGM, SMS Lucknow

Dean, IET/IMS, Registrar, IET/IMS, All Management Faculty Members, Notice Board

**Annexure-I b (Point No. 2.15 of Part-A)**

**SMS INSTITUTE OF TECHNOLOGY, Lucknow**

**Academic Calendar ODD Session 2017-18**

<b>Week</b>	<b>Date</b>	<b>Activities</b>
1.	(22 <sup>th</sup> July- 28 <sup>th</sup> July)  24 <sup>th</sup> July	Registration, Fee deposit (Academic/Bus/Hostel). Class Room Preparation & Allotment, Hostel Admission etc. Classes of 2 <sup>nd</sup> , 3 <sup>rd</sup> & 4 <sup>th</sup> year all branches starts, Review Lecture Schedule /Lesson Plan Time Table & Nominal Roll (Provisional depending on result Announcement) Fee deposit, Library Card, documentation of students, Interaction & guidance by Mentors, Time Table -adjustment.
2.	(30 <sup>th</sup> July- 4 <sup>th</sup> Aug) 3 <sup>rd</sup> Aug  7 <sup>th</sup> August	Regular classes. I-Year Foundation Course and Director's Address year wise.  <b>Raksha Bandhan (Holiday)</b>
3.	(8 <sup>th</sup> Aug- 12 <sup>th</sup> Aug) 8 <sup>th</sup> Aug	Regular Classes. I-Year Foundation Course (Diploma Engineering)
4.	(14 <sup>th</sup> Aug-19 <sup>th</sup> Aug) 15 <sup>th</sup> Aug 16 <sup>h</sup> Aug - 18 <sup>th</sup> Aug 16 <sup>th</sup> Aug 19 <sup>th</sup> Aug	Regular classes. <b>Independence day</b> -Flag Hoisting & <b>Janamastami –Holiday</b> Give <b>Assignment-1</b> to students, <b>Quiz-1</b> (in Tutorial periods). <b>Attendance-I</b> up to 15 <sup>th</sup> Aug <b>Founder Day –Puja</b> (10:00-1:00)
5.	(21 <sup>st</sup> Aug-26 <sup>th</sup> Aug) 24 <sup>th</sup> Aug	Regular Classes. <b>Orientation- Ist Year</b> Display Award <b>Quiz-1</b> .
6.	(28 <sup>th</sup> Aug- 2 <sup>nd</sup> Sept)  1 <sup>st</sup> Sept	Regular Classes Give <b>Quiz-2</b> , Display Award <b>Assignment-1</b> <b>Attendance - II</b> as on 31 <sup>st</sup> Aug
7.	(4 <sup>th</sup> Sept- 9 <sup>th</sup> Sept) 2 <sup>nd</sup> Sep 5 <sup>th</sup> Sept	Regular Classes. <b>Bakrid (Id-UI-Zuha) (Holiday)</b> *subject to visibility of Moon. <b>Teacher's Day</b> Give <b>Quiz-3 &amp; Assignment-2</b> , Display Award <b>Quiz-2</b> .
8.	(11 <sup>th</sup> Sept- 16 <sup>th</sup> Sept)  14 <sup>th</sup> Sept 15 <sup>th</sup> Sept	Regular Classes. Give <b>Quiz-4</b> , Display Award <b>Assignment-2 &amp; Quiz-3</b> . Schedule for <b>Sessional-I Exam</b> & Course completion table (35 to 40%). Submission-Question Paper / Hints for <b>Sessional-I Exam</b> . <b>Engineers Day</b>
9.	(18 <sup>th</sup> Sept- 23 <sup>rd</sup> Sept)  17 <sup>th</sup> Sept. 18 <sup>th</sup> & 19 <sup>th</sup> 20 <sup>th</sup> Sept.-23 <sup>rd</sup> Sept.	<b>Attendance - IV</b> as on 15 <sup>th</sup> Sept. Display of Stopped List. <b>Vishwakarma Puja &amp; Fresher Party</b> Regular Classes. <b>Sessional-I Exam</b> Submission of Sessional Marks within 72 hrs. Sessional Marks Display
10.	(25 <sup>th</sup> Sept- 30 <sup>th</sup> Sep)  29 <sup>th</sup> -30 <sup>th</sup> Sep 1 <sup>st</sup> Oct	Regular Classes. Show the Answer sheets/ books of Sessional-I (in Tutorial periods) Give <b>Quiz-5, Assignment-3</b> , Display Award <b>Quiz-4</b> . <b>Durga Puja / Dussehra Festival Holiday</b> <b>Moharram (SUNDAY)</b>

11.	(02 <sup>nd</sup> Oct- 7 <sup>th</sup> Oct) 2 <sup>nd</sup> Oct.	Regular Classes. <b>Gandhi Jayanti, (Ahinsa Divas)</b> Give <b>Quiz-6</b> , Display Award of <b>Quiz-5 &amp; Assignment-3</b>
12.	(9 <sup>th</sup> Oct- 14 <sup>th</sup> Oct)	Regular Classes. Give <b>Assignment-4</b> , Display Award <b>Quiz-6</b> . Parent to be called for Stopped students in Sessional -I. Identification of weak students-list to be prepared by Mentors and submitted to Director through H.O.D. Schedule for <b>Sessional-II Exam</b> & Course completion table (70 to 80%). Submission-Question Paper / Hints for <b>Sessional-II Exam</b> .
13.	(16 <sup>th</sup> Oct- 21 <sup>st</sup> Oct) 16 <sup>th</sup> -17 <sup>th</sup> Oct. 18 <sup>th</sup> Oct. – 21 <sup>nd</sup> Oct.	<b>Sessional-II Exam &amp; Attendance - VI</b> as on 15 <sup>th</sup> Oct. <b>Deepawali (Holiday)</b>
14.	(23 <sup>rd</sup> Oct- 28 <sup>th</sup> Oct) 22 <sup>nd</sup> Oct. - 24 <sup>th</sup> Oct. 27 <sup>th</sup> Oct	Regular Classes. Sessional Marks Display Requirement of Extra Class from faculty members (Discuss with H.O.D.). Identification of weak students-list to be prepared by Mentors and submitted to Director through H.O.D.
15.	(30 <sup>th</sup> Oct- 4 <sup>th</sup> Nov) 01 <sup>st</sup> Nov  4 <sup>th</sup> Nov	Regular Classes. Give <b>Quiz 7</b> , Display Award <b>Assignment-4</b> . <b>Attendance- VII</b> up to 31 <sup>st</sup> Oct. <b>Kartik Purnima / Gurunanak Jayanti (Holiday)</b>
16.	(6 <sup>th</sup> Nov- 11 <sup>th</sup> Nov)	Regular Classes. Give <b>Quiz-8, Assignment-5</b> , Display Award <b>Quiz-7</b> .
17.	(13 <sup>th</sup> Nov- 18 <sup>th</sup> Nov) 13 <sup>th</sup> Nov – 14 <sup>th</sup> Nov 15 <sup>th</sup> Nov 16 <sup>th</sup> Nov- 17 <sup>th</sup> Nov  18 <sup>th</sup> Nov	Regular Classes. Course Completion Table (approx. 100%) Give <b>Quiz-9</b> , Display Award <b>Assignment-5 &amp; Quiz-8</b> . <b>Attendance- VIII</b> up to 15 <sup>th</sup> Nov. Display of Stopped List. Display Award <b>Quiz-9</b> . Notice for Schedule for Sessional - III (Question Paper & Hints)
18.	(20 <sup>th</sup> Nov- 25 <sup>th</sup> Nov)	<b>Sessional - III Exam</b>
19.	(27 <sup>th</sup> Nov- 2 <sup>nd</sup> Dec) 28 <sup>th</sup> Nov 1 <sup>st</sup> Dec 2 <sup>nd</sup> Dec	Extra classes for left over practical. Display of Award Sessional-III exam. <b>Attendance-IX</b> up to 30 <sup>th</sup> Nov & Stopped List for final exam. <b>Id-Milad (Holiday)</b>
20.	(4 <sup>th</sup> Dec- 7 <sup>th</sup> Dec)	Finalize Sessional Marks and Display after Approval Final list.



**Prof. (Dr.) B. R. Singh**

Director General (Technical)

C.C. to:

1. C.E.O. for his kind information.
2. Director-IMS for his kind information.
3. CGM, Corporate Relation
4. Dean (Academic), IET
5. Registrar
6. All HOD's- CS,EC, EE, ME ,HAS
7. Controller of Examinations, Library, Hostel

## **Annexure-II (Point No. 1.3 of Part B)**

### **Feedback from Alumni**

**During the alumni meet following suggestions were received**

- To focus on the importance of MS Excel, MS outlook and its inclusion in the curriculum
- Bridging the gap between industry and academia.
- Suggestion to include application based learning pedagogy i.e. to focus more on the skill development
- Enhancing Importance of Soft Skills development and personality development workshops
- Focus on need for training regarding time and stress management for students to face challenges in the corporate world

### **Feedback from Employers**

**During the various corporate meetings and placement drive following suggestions were received**

- To enhance knowledge about banking and financial sector
- To enhance the confidence level of students to speak up in public.
- The students lack communication skill and command on body language
- Students to have more fundamental domain knowledge

## Feedback from Students

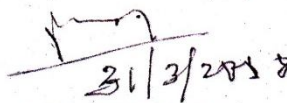
### • Review Meeting of Management Faculty Feedback

Review was conducted on the basis of student feedback given to the faculty & the results for their assigned subjects in the following courses:

MBA, PGDM, B.Com(H), BBA, BCA, B.Com & B.Voc on 21st March, 2018 for the even semester.

The following faculty members were told to improve their performance:

- Dr. Nikhat Parveen
- Mr. Aditya Pratap Singh
- Mr. Asad Raza
- Ms. Aanchal Nigam
- Dr. S.A.A. Rizvi
- Dr. Shilpi Jauhari
- Dr. V.B. Singh
- Mr. Pankaj Mishra

  
31/3/2018  
**(Dr. Manoj Mehrotra)**  
Director  
School of Management Sciences  
Lucknow

## **Review Meeting of B.Tech Faculty Feedback**

Review was done on the basis of student feedback given regarding faculty for their assign subjects in the following branches of B.Tech :

**Mechanical Engineering, Computer Science & Engineering, Civil Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Humanities & Applied Sciences.**

The following faculty members were given appreciation for their performance:

1. Mr. Rahul Mishra (Electronics & Communication Engineering)
2. Mr. Amarjeet Singh (Electrical & Electronics Engineering)
3. Dr. P.K. Singh (Humanities & Applied Sciences)
4. Mr. K.G. Sinha (Mechanical Engineering)
5. Mr. Santosh Kumar Singh (Computer Science & Engineering)
6. Dr. Raghuveer Kumar (Mechanical Engineering)
7. Dr. Dharmendra Singh (Humanities & Applied Sciences)

The following faculty members were asked to improve their performance:

1. Ms. Smita Singh (Civil Engineering)
2. Mr. Ravi (Electronics & Communication Engineering)
3. Dr. Abhiram Shukla (Humanities & Applied Sciences)
4. Mr. Sachin Mishra (Humanities & Applied Sciences)
5. Mr. Gyanendra Yadav (Mechanical Engineering)
6. Dr. S.P. Singh (Humanities & Applied Sciences)

  
28/3/2018

(Dr. M. Mehrotra)

Director

School of Management Sciences,

Lucknow

**Annexure-III (Point No. 1.4 of Part B)**

**SALIENT POINTS OF REVISION/UPDATE OF SYLLABI IN**  
**ACADEMIC YEAR 2017-18**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**2<sup>nd</sup> Year, Session: 2017-18**

1. Subject code changed from N series to R series.
2. NHU-301/NHU-401, Industrial Psychology & NHU-302/NHU-402, Industrial Sociology are eliminated from the new syllabus.
3. AUC-002, Cyber Security is eliminated from the new syllabus.
4. RAS-302/RAS-402, Environment & Ecology was added in the new syllabus.
5. AUC-001, Human Value & Professional Ethics was changed to RVE-301/RVE-401, Universal Human Values & Professional Ethics.
6. NAS -301 Mathematics III changed to RAS 301 Mathematics III.
7. NEC 309 Digital logic Design changed to REC 301 Digital logic Design.
8. NCS 301 Data Structures using C changed to RCS 305 Data Structures using C.
9. NCS 302 Discrete Structures and Graph Theory changed to RCS 301 Discrete Structure and Theory of Logic.
10. NCS 303 CBNST is removed from syllabus.
11. NEC 354 Digital logic Design Lab changed to REC 351 Digital logic Design Lab.
12. NCS 351 Data Structures using C changed to RCS 355 Data Structures using C Lab.
13. NCS 353 Numerical Techniques Lab is removed from syllabus.
14. NCS 355 Advance programming Lab is removed from syllabus.
15. NGP 301/401 is removed.
16. RCS 302 Computer Organization & Architecture is introduced.
17. RCS 352 Computer Organization & Architecture Lab is introduced.
18. RCS 351 Discrete Structure and Logic Lab is introduced.
19. NOE 031 Introduction to soft Computing is removed from syllabus.
20. NOE 033 Laser Systems and Application is changed to ROE 033/043 Laser Systems and Application.
21. NEC 409 Introduction to Microprocessor is changed to REC 405 Introduction to Microprocessor.
22. NEC 459 Microprocessor Lab is removed from syllabus.
23. NCS 401 Operating System is changed to RCS 401 Operating System.
24. NCS 451 Operating System Lab is changed to RCS 451 Operating System Lab.
25. NCS 402 Theory of Automata & Formal Languages is changed to RCS 403 Theory of Automata & Formal Languages.
26. RCS 453 TAFL lab is introduced.
27. NCS 403 Computer Graphics is removed from syllabus.
28. NCS 453 Computer Graphics Lab is removed from syllabus.
29. NCS 455 Functional and Logic Programming Lab is removed from syllabus.

30. RAS 402 Environment and Ecology is Introduced.
31. RCS 402 Software Engineering is introduced.
32. RCS 452 Software Engineering Lab is introduced.
33. RCS 454 PYTHON Lab is Introduced.
34. All theory external maximum marks changed from 100 to 70.
35. All theory internal maximum marks changed from 50 to 30.
36. All Practical external maximum marks changed from 30 to 50.
37. All Practical internal maximum marks changed from 20 to 50.
38. Total Credit is changed from 50 to 48 in new scheme.

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **2<sup>nd</sup> Year, Session: 2017-18**

1. Subject code changed from N series to R series.
2. NHU-301, Industrial Psychology & NHU-302, Industrial Sociology are eliminated from the new syllabus.
3. AUC-002, Cyber Security is eliminated from the new syllabus.
4. RAS-302/RAS-402, Environment & Ecology was added in the new syllabus.
5. AUC-001, Human Value & Professional Ethics was changed to RVE-301/RVE-401, Universal Human Values & Professional Ethics.
6. NCE-301, Fluid Mechanics has been changed to RCE-303, Fluid Mechanics.
7. NME-302, Mechanics of Solid has been changed to RME-303, Mechanics of Solid.
8. NME-303, Thermodynamics has been changed to RME-302, Thermodynamics.
9. NCE-351 Fluid Mechanics Lab has been changed to RCE-353, Fluid Mechanics Lab.
10. General Proficiency was removed from the new syllabus.
11. NME-352, Machine Drawing-I lab is changed to RME-353, Computer Aided Machine Drawing-I Lab.
12. NME-353, Thermodynamics Lab has been changed to RME-352, Thermodynamics Lab.
13. NME-401, Applied Thermodynamics has been changed to RME-403, Applied Thermodynamics.
14. NME-403, Measurement & Metrology has been changed to RME-401, Measurement & Metrology.
15. NME-451, Machine Drawing-II lab is changed to RME-453, Computer Aided Machine Drawing-II Lab.
16. NME-453, Measurement & Metrology lab has been changed to RME-451, Measurement & Metrology lab.
17. All theory external maximum marks changed from 100 to 70.
18. All theory internal maximum marks changed from 50 to 30.
19. All Practical external maximum marks changed from 30 to 50.
20. All Practical internal maximum marks changed from 20 to 50.
21. Total Credit is changed from 50 to 48 in new scheme.

## **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

1. The syllabus and academic evaluation scheme for B. Tech. I<sup>st</sup> year were revised in the session 2017-18 with the following changes:
  - a. All the codes for theory subjects & labs are changed and each theory subject has a total of 70 marks in external exam & total of 30 marks in internal exam. A total of 50 marks are allotted for labs for both in external and internal exams.
  - b. There are six theory subjects in odd semester. Three new theory subjects were introduced. The syllabus of other two theory subjects is the same except for a little change in their title name. One theory subject is unchanged.
  - c. There are four labs in odd semester. Three new labs were introduced. There is no change with the fourth lab called Electrical Measurements Lab as compared to the previous session.
  - d. There are six theory subjects in even semester. Two new theory subjects were introduced in even sem. Out of other two theory subjects, one theory subject is unchanged and the title of the other is little changed. One theory subject is unchanged.
  - e. There are four labs in even semester. Three new labs were introduced in even semester. The title of the fourth lab is slightly changed but the contents of the experiments are the same as compared to the previous session.
  - f. The general proficiency does not exist either in B. Tech. I<sup>st</sup> year EN.
2. There is no change in academic evaluation scheme for B.Tech. II<sup>nd</sup> year EN in both the semesters during session 2017-18.
3. There is no change in academic evaluation scheme for B.Tech. IV<sup>th</sup> year EN in both the semesters during session 2017-18.

## **DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

- ❖ In the 2<sup>nd</sup> year academic evaluation scheme revised from session 2017-18 with the following changes:
  - (1) All codes for subjects & labs are changed and subjects have total 70 marks external & 30 marks internal and 50 marks for labs both external and internal.
  - (2) Two subjects from old evaluation scheme named Fundamental of Electronic Devices and Electronic Circuits are merged in new scheme with new subject in odd semester named Electronic Devices and Circuits, in which 3 units from F.E.D and 2 units from Electronic Circuits.
  - (3) In odd semester a new lab is introduced with name Signals & Systems Lab based on MATLAB software and one lab is removed named Network Analysis & Synthesis Lab.
  - (4) In even semester a new subject is introduced with name Microprocessors and Microcontrollers along with its Lab.
  - (5) In even semester a new lab is introduced with name Advance Electronics System Lab, in which experiments using advance electronic components is done.

## DEPARTMENT CIVIL ENGINEERING

### 2nd Year, Session: 2017-18

1. Subject code changed from N series to R series.
2. NHU-301, Industrial Psychology & NHU-302, Industrial Sociology are eliminated from the new syllabus.
3. AUC-002, Cyber Security is eliminated from the new syllabus.
4. RAS-302/RAS-402, Environment & Ecology was added in the new syllabus.
5. AUC-001, Human Value & Professional Ethics was changed to RVE-301/RVE-401, Universal Human Values & Professional Ethics.
6. NCE-301, Fluid Mechanics has been changed to RCE-303, Fluid Mechanics.
7. NME-302, Mechanics of Solid has been changed to RME-303, Mechanics of Solids.
8. NCE-302, Building Materials & Construction has been changed to RCE-301, Building Materials & Construction.
9. NCE-303, Surveying-I has been changed to RCE-302, Surveying.
10. NCE-351 Fluid Mechanics Lab has been changed to RCE-353, Fluid Mechanics Lab.
11. General Proficiency was removed from the new syllabus.
12. NCE-352, Building Materials lab is changed to RCE-351, Building Materials Lab.
13. NCE-353, Surveying Lab has been changed to RCE-352, Surveying Lab.
14. NCE-354, Building Planning & Drawing Lab has been changed to RCE-454, Building Planning & Drawing Lab.
15. NCE-455, CBSNT Lab has been changed to RCE-354, Computer Based Statistical & Numerical Techniques Lab.
16. NCE-401, Structural Analysis-I has been changed to RCE-403, Structural Analysis.
17. NCE-402, Geoinformatics has been changed to RCE- 402, Geoinformatics.
18. NCE-403, Hydraulics & Hydraulic Machines has been changed to RCE-401, Hydraulics & Hydraulic Machines.
19. NCE-404, Engineering Geology was removed from the new syllabus.
20. RCS -405, Data Structures has been added in new syllabus.
21. NCE-451, Structural Analysis Lab has been changed to RCE-453, Structural Analysis Lab.
22. NCE-452, Geoinformatics Lab has been changed to RCE- 452, Geoinformatics lab.
23. NCE-453, Hydraulics & Hydraulic Machines Lab has been changed to RCE-455, Hydraulics & Hydraulic Machines lab.
24. NOE-031 to 039/ NOE-041 to 049, Science Based Elective was changed to ROE-030 to 039 /ROE-040 to 049, Science Based Open Elective.
25. NAS-301/401, Engg. Mathematics-III was changed to RAS-301/401, Mathematics-III.
26. All theory external maximum marks changed from 100 to 70.
27. All theory internal maximum marks changed from 50 to 30.
28. All Practical external maximum marks changed from 30 to 50.
29. All Practical internal maximum marks changed from 20 to 50.
30. Total Credit is changed from 50 to 48 in new scheme.

## **DEPARTMENT OF MANAGEMENT - MBA**

1. Choice based credit system introduced
2. Specialisation format changed from dual to major and minor
3. Operation management added as new subject area of specialisation
4. Subject “ Human value & professional ethics” became a credit based subject
5. Comprehensive Viva for second year (IV semester) discontinued

## **DEPARTMENT OF MANAGEMENT - PGDM**

### **Semester I (Batch 2017-2019)**

1. Organizational Behavior to be shifted to second semester
2. Research methodology & Business statistics(BM 1.05) to be split in two separate papers Research methodology(BM 1.03) and Business statistics(BM 1.05)
3. Revision of the course content of BM1.01( Management Principles and Practices) and BM1.02( Marketing management)

### **Semester II (Batch 2017 -2019)**

4. Business Analytics- 1 to be removed from second semester
5. Revision of the course content of BM2.03( Human Resource Management) and BM2.04( Financial Management)

### **Semester III (Batch 2016-2018)**

6. Revision of content of Strategic Management by adding few contemporary topics
7. Shifting of open specialization II from third semester to fourth semester
8. Changes to be done in the Core specialization elective papers. First elective of Core specialization, Marketing research and consumer Behavior to be replaced by Advertising and Consumer Behavior while second elective of Advertising and sales management to be replaced by Sales Management.

### **Semester IV (Batch 2016-2018)**

9. Revision of name and content of E-commerce (BM4.03) to E-commerce & Digital Marketing
10. 2 open specialization papers to be taught in this semester
11. Changes to be done in the Core specialization elective papers. Industrial and service marketing to be replaced by service marketing