### **6.ANNEXURE**

#### 1.Metrics Level Deviations

Metric ID Sub Questions and Answers before and after DVV Verification

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

### 1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
982	985	883	1012	799

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
882	885	783	912	699

Remark: DVV has excluded courses such as Heat and Mass Transfer, Dynamics of Machinery etc from shared report of courses by HEI.

# 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

### 1.3.2.1. How many new value-added courses are added within the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
65	63	65	64	64

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
44	40	41	31	32

Remark: DVV has excluded courses such as Programming in C, Industrial Electronics, Image Processing Algorithms etc from shared courses report by HEI.

### 1.4.2 The feedback system of the Institution comprises of the following:

Answer before DVV Verification : A. Feedback collected, analysed and action taken and report made available on website

Answer After DVV Verification: B. Feedback collected, analysed and action taken Remark: DVV has considered B. Feedback collected, analysed and action taken as per shared feedback report by HEI.

### 2.1.1 Average Enrolment percentage (Average of last five years)

#### 2.1.1.1. Number of students admitted year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
564	615	651	723	747

#### Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
487	535	587	664	674

#### 2.1.1.2. Number of sanctioned seats year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
682	703	907	907	943

#### Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
682	703	907	907	943

Remark: DVV has considered first year admitted students as per shared report of students in extended profile 2.1 by HEI.

# 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

#### 2.3.3.1. Number of mentors

Answer before DVV Verification: 143 Answer after DVV Verification: 141

Remark: DVV has excluded those faculty appointed during the academic year 2020-21.

# Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

#### 2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification: 1841.08 Answer after DVV Verification: 1041.08

Remark: DVV has excluded those faculty appointed during the academic year 2020-21.

# 3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

# 3.2.1.1. Total Grants from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
67.80	48.07	68.96	38.81	45.59

### Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
57.80	38.07	48.96	28.81	35.59

Remark: DVV has excluded grants for students projects from MSME and grants from DST for non-research project from shared report by HEI.

### 3.2.2 Percentage of teachers having research projects during the last five years

### 3.2.2.1. Number of teachers having research projects during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
13	10	15	31	44

#### Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
09	9	11	29	38

Remark: DVV has given the input as per 3.2.1

# Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

# 3.3.2.1. Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
25	33	14	21	19

2020-21	2019-20	2018-19	2017-18	2016-17
19	26	11	16	11

Remark: DVV has excluded technical activities such as Smart Protection and Control using Numerical Relays from shared report by HEI.

## Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years

3.4.2.1. How many Ph.Ds are registered within last 5 years

Answer before DVV Verification: 70 Answer after DVV Verification: 0

3.4.2.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification: 49 Answer after DVV Verification: 49

Remark: DVV has given the 0 as HEI cannot admit any students for Ph. D programme.

# Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.4.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
136	133	95	88	64

#### Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark: DVV has given the 0 as per HEI has not provided UGC CARE link for all the publications.

## Number of books and chapters in edited volumes / books published per teacher during the last five years

### 3.4.4.1. Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
43	30	28	16	13

2020-21	2019-20	2018-19	2017-18	2016-17
32	21	19	11	9

Remark: DVV has not consider some books and chapters without ISBN number from shared report by HEI.

- 3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).
  - 3.5.1.1. Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2.78	5.40	4.22	6.72	1.99

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1.08	3.02	2.03	5.02	0.86

Remark: DVV has excluded revenue generated by testing services/ use of facilities of the Institution cannot be considered here.

- Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years
  - 3.6.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
9	11	10	9	4

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark: DVV has not consider shared certificate of appreciation and unstamped report by HEI.

- Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years
  - 3.6.3.1. Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

203 217	181	179	164
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Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
93	57	51	49	34

Remark: DVV has not consider shared days and unstamped report and excluded all non-extension activities such as all departmental association activities by HEI.

- Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years
  - 3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
23194	20738	15064	15094	12706

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
11194	13738	11064	11094	11006

Remark: DVV has considered one student once in a activity and year and given the input as per 3.6.3

- Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)
  - 3.7.2.1. Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
9	17	12	10	7

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6	11	9	6	5

Remark: DVV has excluded MOUs for students / placement training on commercial basis and activities without MOUs from shared report of MoUs.

### 4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

#### 4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification: 68 Answer after DVV Verification: 42

Remark: HEI has not given any bills / stock register to validate the claim.

### 4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

#### 4.2.4.1. Number of teachers and students using library per day over last one year

Answer before DVV Verification: 338 Answer after DVV Verification: 00

Remark: Relevant documents has not shared by HEI.

### 4.3.4 Institution has the following Facilities for e-content development

- 1. Media centre
- 2. Audio visual centre
- 3. Lecture Capturing System(LCS)
- 4. Mixing equipments and softwares for editing

Answer before DVV Verification : A. All of the above Answer After DVV Verification: D. 1 of the above

Remark : DVV has made the changes as per shared report of Lecture Capturing System(LCS) by HEI

### 4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

# 4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
416.17	633.84	769.26	797.79	721.73

2020-21	2019-20	2018-19	2017-18	2016-17
210.29	138.21	469.26	281.29	136.09

Remark: DVV has considered only maintenance of physical facilities and academic support facilities excluding salary from shared report by HEI.

- Average percentage of students benefited by scholarships and freeships provided by the Government during last five years
  - 5.1.1.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1214	1388	1505	1604	1695

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

Remark: Relevant documents has not by HEI.

- Following Capacity development and skills enhancement activities are organised for improving students capability
  - 1. Soft skills
  - 2. Language and communication skills
  - 3. Life skills (Yoga, physical fitness, health and hygiene)
  - 4. Awareness of trends in technology

Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above

Remark: DVV has considered C. 2 of the above as per shared report by HEI.

- Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.
  - 5.1.4.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1952	2026	2203	2317	2450

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1322	1426	1903	1117	1150

Remark: DVV has excluded activities such as TCS, Infosys, Accenture and considered only GATE, CAT training from shared report by HEI.

- 5.1.5 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases
  - 1. Implementation of guidelines of statutory/regulatory bodies
  - 2. Organisation wide awareness and undertakings on policies with zero tolerance
  - 3. Mechanisms for submission of online/offline students' grievances
  - 4. Timely redressal of the grievances through appropriate committees

Answer before DVV Verification: A. All of the above Answer After DVV Verification: B. 3 of the above

Remark: DVV has considered B. 3 of the above as per shared report by HEI.

- 5.2.1 Average percentage of placement of outgoing students during the last five years
  - 5.2.1.1. Number of outgoing students placed year wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
533	529	348	328	353

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
421	421	321	218	253

Remark: DVV has excluded offers without signature, email offers from shared report by HEI.

- Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.
  - 5.3.1.1. Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2	15	15	29	22

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	00	00	00

Remark: DVV has given the 0 as per not considered Anna university Zonal level activities from shared report by HEI.

- 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year
  - 5.3.3.1. Number of sports and cultural events / competitions organised by the institution year wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
20	29	30	38	31

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
16	21	22	32	24

5.4.2 Alumni financial contribution during the last five years (in INR).

Answer before DVV Verification : A. ? 15 Lakhs Answer After DVV Verification: E. <2 Lakhs

Remark : DVV has considered E. <2 Lakhs as per shared report by HEI.

- 6.2.3 Implementation of e-governance in areas of operation
  - 1. Administration
  - 2. Finance and Accounts
  - 3. Student Admission and Support
  - 4. Examination

Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above

Remark: DVV has considered B. 3 of the above as per shared report by HEI.

- 6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.
  - 6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during

#### the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
35	113	150	119	68

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	65	78	44	32

Remark: DVV has given the input as per excluded teacher getting multiple benefit once in a year.

- Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.
  - 6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
20	53	45	16	14

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	00	00	00

Remark : DVV has Excluded all programmes conducted by external agencies (either online or offline).

- Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).
  - 6.3.4.1. Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
153	171	152	166	186

2020-21   2019-20   2018-19   2017-18   2016-17	2020-21	2019-20	2018-19	2017-18	2016-17
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7.1.5	Green campu	is initiatives	s include:						
115				2 of the abo	ove as per sl	hared report by HEI.			
	Answer	before DVV After DVV	Verificatio	n: C. 2 of t	he above				
					-	tem in the campus			
		water recy	· ·						
		ruction of t							
		vater nar ve vell /Open w	_	ge					
	1 Rain v	vater harve	stino						
.1.4	Water conser	vation facil	lities availa	ble in the	Institution:				
	Remark: DVV has considered D. 1 of the above as per shared report by HEI.								
	Answer After DVV Verification: C. 2 of the above  Answer After DVV Verification: D. 1 of the above								
	Answer before DVV Verification : C. 2 of the above								
		LED bulbs			ipment				
		r-based ene		vation					
	2. Biogas 3. Wheel	s plant ling to the C	Frid						
	1. Solar	••							
7.1.2	The Institution has facilities for alternate sources of energy and energy conservation measures								
1.0			1.00		W				
		After DVV DVV has cor				red report by HEI.			
		before DVV							
		ication)		·	- 1				
		-		gnized by	state, natio	onal or international agencies (ISO			
		orative qua ipation in N	•	ives with o	ther institu	ation(s)			
	analys	ed and used	d for impro	vements					
	1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected,								
.5.3	Quality assur	ance initiat	tives of the	institution	include:				
	by HEI.								
	Remark : D	OVV has giv	en the inpu	t as per cor	sider one fa	aculty once in a year from shared report			
	30	00	00	21	00				
	56	00	00	21	00				

- 1. Restricted entry of automobiles
- 2. Use of Bicycles/ Battery powered vehicles
- 3. Pedestrian Friendly pathways
- 4. Ban on use of Plastic
- 5. landscaping with trees and plants

Answer before DVV Verification: A. Any 4 or All of the above

Answer After DVV Verification: C. 2 of the above

Remark: DVV has considered C. 2 of the above as per shared report by HEI.

- Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:
  - 1. Green audit
  - 2. Energy audit
  - 3. Environment audit
  - 4. Clean and green campus recognitions / awards
  - 5. Beyond the campus environmental promotion activities

Answer before DVV Verification: A. Any 4 or all of the above

Answer After DVV Verification: B. 3 of the above

Remark: DVV has considered B. 3 of the above as per shared report by HEI.

- 7.1.7 The Institution has disabled-friendly, barrier free environment
  - 1. Built environment with ramps/lifts for easy access to classrooms.
  - 2. Divyangjan friendly washrooms
  - 3. Signage including tactile path, lights, display boards and signposts
  - 4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
  - 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

Answer before DVV Verification: A. Any 4 or all of the above

Answer After DVV Verification: C. 2 of the above

Remark: DVV has considered C. 2 of the above as per shared report by HEI.

- 7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.
  - 1. The Code of Conduct is displayed on the website
  - 2. There is a committee to monitor adherence to the Code of Conduct
  - 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
  - 4. Annual awareness programmes on Code of Conduct are organized

Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above

Remark: DVV has made the changes as per Code of Conduct, code of ethics, Institution organizes professional ethics programmes for students, teachers, administrators and other staff by HEI.

### 2.Extended Profile Deviations

ID	Extended Questions						
1.2	Number of full time teachers year-wise during the last five years						
	Answer before DVV Verification:						
	2020-21	2019-20	2018-19	2017-18	2016-17		
	179	189	206	214	221		
	Answer After DVV Verification:						
	2020-21	2019-20	2018-19	2017-18	2016-17		
	179	189	206	213	221	<b>1</b>	
		<u>'</u>				-	
2.3	Total number of classrooms and seminar halls Answer before DVV Verification: 75 Answer after DVV Verification: 42						
2.4	Total number of computers in the campus for academic purpose Answer before DVV Verification: 1395 Answer after DVV Verification: 350						