# SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY (Deemed-To-Be-University) LONOGOWAL-148106

# ACADEMIC AUDIT (2023 - 2024)

# **PROFORMA OF ASSESSMENT**

- 1. Name of the Department : Management and Humanities
- 2. Reviewer (Name, Designation & Address) :
  - Dr. S. N. Rangnekar, Professor, Department of Management Studies, IIT Roorkee (01332-285422, 285014) •
  - Dr. Surinder Singh Dean (R&C) .
  - Dr. Harish Chopra, Prof. (CHY) •
  - Dr. Pardeep Kumar Jain, Prof. ( M&H) •
  - Dr. Mahesh Kumar Arora, Prof. (M&H)
  - Dr. Mandeep Ghai, ASP (M&H) .
  - Dr. JapPreet Kaur Bhangu, Prof. & HOD (M&H)

# Date of Review:

NOTE: i.	Please grade in the box provided for the following parameters in the range of 1-10 with 10 being the
	highest.
ii.	Leave 'blank' for 'No Comment'.

Kindly give your opinion on the strength and weakness of the Department and your sugg iii. future growth.

#### ACADEMICS A.

		Scor	re	
A.1	ICD Programme	Self- assessment	Expert assessment	
1.	Curriculum (Structure, Course Syllabi, Flexibility), Theory/ practical (contents/ratio).	09	8	
2.	Equivalence and Relevance of curriculum at national level	09	8	
3.	Formal Academic Load on Students [Teaching, Laboratory/Practical, Projects(minor/major)]	10	9	
4.	Evaluation Process (Continuing Evaluation, and End-Term Evaluation)	10	9	
5.	Tour/Training/Industrial visits/Internship opportunities provided during the year	07	8	
6.	Effectiveness of Assisted Learning, Tutorial System for ICD Students/ Seminars (Refer Course File)	09	8	
7.	Faculty Mentoring/Faculty Advisor System for Students/Class of Students	10	9	
8.	Practical activities, non-academic and totally related to a specific trade for skill development and <i>developing expertise in a particular group of techniques</i> .	10	9	
9.	Linkage of ICD programs to outcome based vocational education (Industry linkage)	07	8	
10.	Availability of workshop type lab/laboratory for providing hand on training to the students for skill development	09	8	
	Total Score (out of 100)	90	84	

1 Australia 28.11.

froller, 28/11/2024

		Score		
.2	UG Programme	Self- assessment	Expert assessment	
1.	Curriculum (Structure, Course syllabi, Flexibility, Choice based credit system)	09	. 8	
2.	Status of study material developed by faculty for students	09	8	
3.	Relevance of contents of courses taught to the students and scope of improvement (revision of syllabus, addition of new experiments)	09	8	
4.	Formal academic load on students [Teaching, Laboratory/Practical, Projects(minor/major)]	10	q	
5.	Modern teaching methods in practice other than the conventional methodsE-Assisted Learning(i)Availability of Library Resources(ii)Multi-Media Assisted Teaching	08	8	
6.	Evaluation Process (Continuing Evaluation, and End-Term Evaluation)         (i)       Theory and tutorial         (ii)       Practical (case studies)	10	9	
7	Whether any slot is fixed for the students to	10	9	
8	. Tour/Training/Industrial visits/Internship opportunities	07	07.	
ç	<ul> <li>effectiveness of Assisted Learning in Tutorial classes/seminars for Students</li> </ul>	09	8	
	(b) Faculty Mentoring/Faculty Advisor System for Students/Class of Students	09	8	
10	Placement %age/higher studies options (last three years)	08	8	
	Total Score (out of 100)	98	90	

00

-V Caller

2

8 lo 24 8.11

yerse Java 11

29614

	PG Programme (Separate for each programme)	Sc	core	
1.3		Self-assessment	Expert assessment	
1.	Curriculum (Structure, Course Syllabi, Flexibility)	10	R	
2.	Formal Academic Load on Students [Teaching, Laboratory/Practical, Projects(minor/major)]	09	8	
3.	Evaluation Process (Continuing Evaluation, and End-Term Evaluation)	10	9	
4.	Relevance of contents of courses taught to the students and scope of improvement	10	Ŕ	
5.	Modern teaching methods in practice other than the conventional method         E-Assisted Learning         i.       Availability of Library Resources and Major Search Engines (like         Scopus, Web of Science)         ii.       Multi-Media Assisted Teaching	08	R	
6.	Technical Societies/ Colloquium for Students       .         i.       Departmental Society         ii.       Student Chapter(s) of Professional Societies		NA	
7.	Tour/Training/Industrial visits/Internship opportunities		NA	
8.	Collaboration with other departments (within institute)	09	R	
9.	Faculty Mentoring/Faculty Advisor System for Students/Class of Students	09	B	
10.	Monitoring and continuous evaluation of the project work assigned to the students (mechanism)	09	C8.	
	Total Score (out of 100)	74	65	

#### RESEARCH В

		S	core
	Doctoral (Ph.D.) Programmes	Self- assessment	Expert assessment
1.	Intake of Ph.D. Students	05	0.5
2.	Admission Process	10	09
3.	Pre-Ph.D. Courses and Evaluation Process	09	08
4.	Breadth and Depth of Knowledge of Students	09	CB
5.	Seminar/ Presentations and Technical Communication	10	CB
6.	Research Facilities available in the Department	06	05
7.	Average No. of Research Students/Faculty	04	oy
8.	Average No. of Research Papers of Ph. D. Students (Indexed Journals)	06	05
9.	Average Duration to Complete Ph.D. (years)	06	05
10.	Participation of Research Scholars in Conferences/Workshops	06	06
	Total Score (out of 100)		63

63 Scoller 24 28

3

<b>B.1</b>	Research and Industrial collaboration	Score	
	Research Ambience in the Department	Self-assessment	Expert assessment
	Research Awareness among Doctoral Students	09	08
		09	R
	Thrust areas of research in the department	09	8
	Quality of Research	09	0
	Collaborations with other departments (within the institute) and at National,	09	G
	and International levels.		
	Impact and Quality of Publications	06	
	Relevance of Research to Knowledge Generation and Social Relevance		00
	Student Exposure for Attending Quality Conferences/Symposia	10	0%
		08	08
	Inter departmental collaborations		
	Industry/externally funded sponsored research		
	(Numbers and amount)		
	Total Score (out of 100)	60	54

## **General Comments on**

1. Plan of action of the department for the next five years (In view of NEP 2020) а

- 2. Significant achievement of the department (Faculty/Staff/Students)
  - Contribution to corporate life / institute through different jobs and responsibilities by faculty a. members of the department.
  - b. Involvement of faculty in Outreach Activities of Indian Government, such as Unnat Bharat Abhiyan.
- 3. Scope for training of faculty staff for further strengthening the teaching learning process of strengthening the curriculum with addition of new courses having relevance at National and international levels.

All faculty members are well versed in their courses

4. Effective /Continuous monitoring of faculty staff in the delivery of course contents (at departmental level) for enhancing the teaching-learning process.

Through Student feedback system enabled on ERP for different Classes at the Institute Level.

- Technical Societies / Colloquium for students 5.
  - a. Soft Skills and Counselling Club- Dr. Pardeep Kumar Jain and Dr.Parveen Kaur Khanna (Coordinators)
  - b. Yoga and Health Club Dr. Pardeep Kumar Jain(Coordinator)
  - c. Communication skills and Personality Development Cell Dr JapPreet Kaur Bhangu (Coordinator)
  - d. Magazine Committee Dr Sanjeev Kumar Garg (Chairman)
  - Newsletter Committee Dr Sanjeev Kumar Garg (Edition in Chief) e.
- 6. Scope of improvement in the teaching learning process Tutorial based, Interactive Session, use of latest technology already being carried for continuous improvement in teaching learning process.
- 7. The skill and expertise of the Faculty/Technical Staff in the department (specific)

28/11/2024

Aple

Name of Faculty	Designation Qualification/Status	Contribution in Teaching	Other departmental and Institute duties	
Dr.JapPreet Kaur Bhangu	Professor, Ph.D.	Teaching ICD, B.Tech. and M. Tech Classes	HOD (M&H) Coordinator-Communication Skills and Personality Development Cell	
Dr. Pardeep Kumar Jain	Professor, Ph.D.	Teaching ICD, B.Tech. and M. Tech Classes	CVO Coordinator-Soft Skills and Counselling Club Coordinator-Yoga and Health Club Coordinator-Unnat Bharat Abhiyan	
Dr. Mahesh Kumar Arora	Professor, Ph.D.	Teaching ICD, B.Tech. and M. Tech Classes		
Dr. Pawan Kumar Dhiman	Professor, Ph.D.	Teaching ICD, B.Tech. Classes	Coordinator-War Room	
Dr.Parveen Kaur Khanna	Professor, Ph.D.	Teaching ICD, B.Tech. and M. Tech Classes	Associate Dean (Student Welfare) Coordinator-Soft Skills and Counseling Club Member Unnat Bharat Abhiyan Presiding Officer (ICC)	
Dr. Sanjeev Bansal	Professor, Ph.D.	Teaching ICD, B.Tech. Classes	Coordinator (MBA)	
Dr. Sanjeev Kumar Garg	Professor , Ph.D.	Teaching ICD, B.Tech. Classes	Chairman-Magazine Committee Editor-In-Chief Newsletter (ANSHUMAT)	
Dr Mandeep Ghai	ASP, Ph.D.	Teaching ICD, B.Tech. Classes	Associate Dean (Examination & Secrecy Member Unnat Bharat Abhiyan	

Possible areas of Research

# Management

- Labour welfare and Industrial relations .
- Consumer Behaviour .
- Government Economic and Social Policies .
- Startups
- Impact of Technology on Entrepreneurship •

# English

- **Communication Skills** ٠
- Literature and English language teaching •
- Strengthening laboratory Infrastructure (adding of new equipment's and use of present facility for optimum • use)

C.	Departmental Infrastructure	Sci	Score	
C.1	Departmental resources	Self- assessment	Expert assessment	
1	Adequacy of Class Rooms and Multi-Media Facility	10	CO	
2	Availability of Laboratories	07	OF	
3	Availability of Conference/Seminar Room, etc	09	CB	
4	Availability of Seating Space for Faculty and Research Students	10	09	
5	Availability of Internet Services in Research Labs and Class Rooms	10	09	
6	Departmental Library and E-Resources	10	Øg	
7	Computing Facilities and Software	09	vg	

5

28/4

msl

2

11.24 28/11/2024

	Adequacy of Offices and Furnishing for Faculty	09	07
0	Eaculty-Student Ratio	06	05
9	Support Staff (Technical/Administrative) Adequacy	05	05
10	Total Score (out of 100)	85	78
			sender
GWO	Four shuthe department :		0

# SWOT analysis by the department :

### STRENGTH:

- The department has well qualified, experienced and dedicated faculty always ready to help the students in academic and non- academic activities such as community services, jobs/internships etc. 1.
- The faculty is well versed to provide relevant training in communication skills, soft skills and life skills other 2. than the prescribed curriculum.
- The entire management faculty is having industrial experience helping the students to equip the students with 3. real industrial problems and their solution.
- Appropriate research activities are carried out by the department faculty.
- Significant contribution of the departmental faculty at institute level in various activities such as Examination, 4. 5. ICC, Vigilance and Institute newsletter.
- Significant contribution of the departmental faculty in outreach activities in alignment with the Government & flagship programmes such as UNNAT BHARAT ABHIYAN, Yoga and Health etc. 6.
- Revision of curriculum from time to time with the involvement and input from industrial executives and expert 7. academicians.

# WEAKNESSES

- 1. The Department has no academic programme of its own.
- 2. MOUs to be signed with the industry.
- 3. Consultancy with industry to be developed.
- 4. Up-gradation of Communication lab.

## **OPPORTUNITIES**

1. Starting of new programmes as per NEP 2020.

# CHALLENGES:

1. Additional faculty sanction for sustaining the new programmes may take time.

# SUGGESTIONS FOR IMPROVEMENT

- 1. Development of new communication lab.
- 2. To introduce new courses as per the requirement of NEP 2020.
- 3. To further augment communication skills of the students so as to increase the employability.

### D. Outcomes

D 1	Placement/ higher studies/ Publications/ Consultancy, Ph.D.	Score	
D.1	awarded etc.	Self-	Expert
		assessment	assessment
1	i. Placements for ICD	06	06
	ii. Placement of B.Tech		
	iii. Placement of Masters Student		
	iv. Placement of Ph. D. Students		
2	Average No. of Ph. Ds Awarded per Year	05	05
3	Publications per Faculty in Indexed Journals/Year (Average of last	08	05
	three years)		
4	Average Citations per Faculty/Year (Last-Three Years) (Web of Science/Scopus)	05	O
5	Recognitions; Awards(National/International) to Faculty/Students	-	-
6	Consultancy and Externally Funded Projects	-	-
		1	

28/11/2024 6

7	No. of Ph.D. graduates who took Academics as Career (Last 5 Years)	08	05
8	Students offered for higher studies	-	
9	No. of qualified students NET/GATE/CAT etc (State/Central Civil Services)	-	-
10	Entrepreneurship	04	oy
	Total Score (out of 100)	36	30

D Entrepreneurship Total sec... Comments & Suggestions for Improvement 1. Advised to adabt New electives. 2. Indused to adabt New electives. 3. Indused to adabt New elec Comments & Suggestions for Improvement

7

# SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY (Deemed-To-Be-University) LONOGOWAL-148106

# ACADEMIC AUDIT (2023 - 2024)

# SUMMARY SHEET

1.	Name of the Department	Management and Humanities				
2.	Name of Reviewer	From Academia	From Industry			
	Designation & Address	Dr. S. N. Rangnekar, Professor, Department of Management Studies, IIT Roorkee (External Expert)				
3.	Date of Meeting	28-11.2024.				

			Score Sum	nary			
ICD Programme (Max Score 100)	Acad UG Programme (Max Score 100)	emics (A) PG Programmme (Max Score 100) (Average of all PG programs)	Doctoral Programmme (Max Score 100)	Research (Max Score 100)	Departmental Infrastructure (Max Score 100)	Outcome (Max Score 100)	Total Score (700)
(A.1)	(A.2)	(A.3)	(A.4)	(B)	(C)	(D)	(A+B+C+D)
84	90	65	63	54	18	30	464

Note: 1. Marks mentioned above are the average of the marks given by the experts.

2. If marks have not been allotted for some attributes by the experts, total score can be scaled to maximum marks.

and Dr. S. N. Rangnekar, Prof.

IIT Roorkee (External Expert)

HOD (M&H)

Dr. Surinder Singh, Prof. Dean (R&C)

Dr. Mahesh Kumar Arora,Prof.

(M&H)

Dr. Harish Chopra, Prof. (CHY)

1024 Dr. Mandeep Ghai, ASP 🤌 (M&H)

Rn Dr. Pardeep Kumar Jain, Prof 24 (M&H)

11/2024 Dr. JapPreet Kaur Bhangu, Prof.

# A. ACADEMICS

# A.1 ICD Programme

# 1. Curriculum (structure, course Syllabi, Flexibility), Theory/Practical (Contents/ratio)

-----

Assessment rubrics	
The designed Curriculum have effectiveness, well-structured, Choice based credit system, industry-based syllabus, flexibility, and high theory to practical ratio following outcome based education	10 marks
The designed Curriculum have effectiveness, well-structured, Choice based credit system, industry-based syllabus, flexibility, and high theory to practical ratio	08 marks
The designed Curriculum have effectiveness, well-structured, Choice based credits, industry- based syllabus, and high theory to practical ratio	06 marks
The designed Curriculum have effectiveness, well-structured, Choice based credits and industry- based syllabus	04 marks
The designed Curriculum well-structured, Choice based credits and have effectiveness	02 marks
2. Equivalence and Relevance of curriculum at national level	
Assessment rubrics	
Equivalence and relevance of designed Curriculum with model curriculum ≥80- 100% Equivalence and relevance of designed Curriculum with model curriculum,≥60% and<80% Equivalence and relevance of designed Curriculum with model curriculum,≥40% and<60%	10 marks 08 marks
Equivalence and relevance of designed Curriculum with model curriculum,≥20% and<40% Equivalence and relevance of designed Curriculum with model curriculum <20%	06 marks 04 marks
3. Formal academic load on students [Teaching, Laboratory/practical, projects)	02 marks
Assessment judics	
Academic load of designed Curriculum with model curriculum,≥80- 100% Academic load of designed Curriculum with model curriculum,≥60% and <80% Academic load of designed Curriculum with model curriculum,≥40% and <60%	10 marks 08 marks
Noducinic load of designed Chifficulum with model and the	06 marks
set of the	04 marks 02 marks
Evaluation process (Continuing Evaluation, and End-Term Evaluation)	
The designed Curriculum have standard and continuous teacher-based assessment grading criteria	10 marks
The designed Curriculum have standard as well as Tutorial, Quiz, Minor and End Term examination -based assessment grading criteria The designed Curriculum have standard and only Minor and End tem examination-based assessment grading criteria	08 marks
The designed Curriculum have standard and only end term examination based assessment The designed Curriculum have standard and only end term examination based assessment The designed Curriculum have based assessment	06 marks
The designed Curriculum does not have any standard assessment grading criteria	04 marks
5. Tour/Training/Industrial visit/Internation	02 marks
5. Tour/Training/Industrial visit/Internship opportunities provided during the years and the second	ear
Admit students attended tour and training/Industrial visits 200, 40004	
Admit students attended tour and training/Industrial visits≥80- 100% of scheduled Admit students attended tour and training/Industrial visits≥60% and<80% of scheduled Admit students attended tour and training/Industrial visits≥40% and<60% of scheduled Admit students attended tour and training/Industrial visits≥20% and<40% of scheduled	07 marks
Admit students attended tour and training/Industrial visits≥40% and<80% of scheduled Admit students attended tour and training/Industrial visits≥20% and<60% of scheduled Admit students attended tour and training/Industrial visits≥20% and<40% of scheduled Average Number of tours (logo (lo	05 marks
Admit students attended tour and training/Industrial visits240% and<60% of scheduled Average Number of tours/class/ year>1 Average Number of tours/class/ year>1	03 marks
Average Number of tours/class/ year>1 Average Number of tours/class/ year>1	02marks
stor tours and industrial violation	01marks
6. Effectiveness of an invisit/class/year: 0.25-1	03marks
file)	02 marks
<ol> <li>Effectiveness of assisted learning, tutorial system for ICD students/Seminal file)</li> <li>Assessment rubrics</li> </ol>	rs (refer Course
Assessment rubrics	
Improvement of weaker students in the students	
Increased active involvement of weaker students in tutorial classes Improvement in students' analytical capabilities, and soft still	· · · · · · · · · · · · · · · ·
Effectiveness of section skills of the student soft skills	02 marks
Effectiveness of seminar presentation by the students towards learning system for students in place	02 marks
Assisted learning system for students in place	1 mark
	1 mark
	02 marks
n D . d m	
	· · · · · · · · · · · · · · · · · · ·
- 1	
$\nu$ - $\lambda$	

### 7 Faculty mentoring/Faculty advisor system for class of students

7. Faculty mentoring/Faculty autisor system for elass of students	
Assessment rubrics	
Faculty mentoring/faculty adviser are available to admitted students >91%	10 marks
Faculty mentoring/faculty adviser are available to admitted students>81and<90%	08 marks
Faculty mentoring/faculty adviser are available to admitted students>71and<80%	06 marks
Faculty mentoring/faculty adviser are available to admitted students>61and<70%	04 marks
Faculty mentoring/faculty adviser are available to admitted students>51and<60%	02 marks
8. Practical activities, non-academic and totally related to a specific trade for skill development and developing expertise in a particular group of techniques.	
Assessment rubrics	and the second
Students attended any practical, non-academic activity related to skill development>80%	10 marks
Students attended any practical, non-academic activity related to skill development ≥60% and <80%	08 marks
Students attended any practical, non-academic activity related to skill development≥40%and<60%	06 marks
Students attended any practical, non-academic activity related to skill development 2004 and 4004	
Students attended any practical, non-academic activity related to skill development<20%	04 marks 02 marks
9. Linkage of ICD program to outcome based vocational education (industry linka Assessment rubrics Hands on training load (Practical+Project+industrial training)/ total ICD load,≥75%	
	10 marks 08 marks
	06 marks
	04 marks
Hands on training load (Practical+ Project +industrial training)/ total ICD load,≥40% and<50%	02 marks
10. Availability of workshap turns to the	UL IIIdi KS
10. Availability of workshop type lab/laboratory for providing hand on training to t forskill development	ha studente
	and annuents
Assessment rubrics	
The workshop/lab can provide hands-on training for skill development>90%	
The workshop/lab can provide hands-on training for skill development>90% The workshop/lab can provide hands-on training for skill development>80% and<90%	10 marks
The workshop/lab can provide hands-on training for skill development>80%and<90% The workshop/lab can provide hands-on training for skill development ≥60%and<80%	09marks
The workshop/lab can provide hands-on training for skill development ≥60% and <80% The workshop/lab can provide hands-on training for skill development≥40% and <60%	08 marks
The workshop/lab can provide hands-on training for skill development≥40%and<60% The workshop/lab can provide hands-on training for skill development≥20%and<40%	06 marks
The workshop/lab can provide hands-on training for skill development<20% and<40%	04 marks
	02 marks
· · · · · · · · · · · · · · · · · · ·	

A Alm do m

2

が見た

### UG programme A.2

# Curriculum (Structure, Course Syllabl, Flexibility) 1.

Assessment rubrics	10
Assessment rubrics The designed Curriculum have effectiveness, well-structured, Choice based credit system, industry-based syllabus, flexibility, and high theory to practical ratio following outcome based	10 marks
education The designed Curriculum have effectiveness, well-structured, Choice based credit system, industry-based syllabus, flexibility, and high theory to practical ratio	08 marks
The designed Curriculum have effectiveness, weil-structured, Choice based credits, industry- based syllabus, and high theory to practical ratio	05 marks
The designed Curriculum have effectiveness, well-structured, Choice based credits and industry- based syllabus	04 marks
The designed Curriculum well-structured, Choice based credits and have effectiveness	02 marks
2. Status of study material developed by faculty for students: Assessment rubrics	
Study material developed by the faculty for subjects >80% and<100%	
Study material developed by the faculty for subjects >60% and<100%	10 marks
Study material developed by the faculty for subjects >60% and<80%	03 marits
Study material developed by the faculty for subjects >20% and<60%	06 marks
Study material developed by the faculty for subjects >5% and<40%	04 marks
	02 marks
3. Relevance of contents of courses taught to the students and scope of improv (revision of syllabus, addition of new experiments)	rement
	이 가지 않았다.
Assessment rubrics	1 : : : : : : : : : : : : : : : : : : :
Adequate relevant contents of courses of program specific taught to students	10
record of the second of the second of the second seco	10 marks
	08 marks
Revision of syllabus within four years	06 marks
Addition of new experiments	04 marks
4 Formal Academia Land	
<ol> <li>Formal Academic Load on Students [Teaching, Laboratory/Practical, Project major)]</li> </ol>	
major)]	s (minor/
Assessment rubrics	
Adoption	
Adequacy of formal academic load on students (teaching/Laboratory/practical)	
Adequacy of formal academic load on students (teaching/Laboratory/practical) Adequacy of formal academic load on students (minor/major projects)	10 marks
Adequacy of formal academic load on students (minor/major projects) Flexibility to extend course duration in limited extends (minor/major projects)	08 marks
Flexibility to extend course duration in limited, exceptional circumstances	06 marks
Plexibility for opting the academic load for the odd comparison to it circumstances	04 marks
Flexibility for opting the academic load for the odd semester/ even Semester/ Summer term/	02 marks
5. Modern toget	UZ Marks
course materials, PPT, videos have been drain the conventional methods	
- rosisieu Learning	tudomta
	(udents)
(i) Availability of Library Resources (ii) <i>Multi-</i> Media Assisted Teaching	
Assisted Leaching	
Course Materials, videos and PPT developed by the faculty Business/ Achievement Motivation Training	
Business/ Achievement Motivation Training	
	10 marks
Course Materials PPT developed by the faculty Library sources made available to study	09 marks
Wullimedia assist	08 marks
Multimedia assisted teaching >65% and<100% Multimedia assisted teaching >15% and<65%	06 marks
	04 marks
-valuation process (a	02 marks
(i) Theory and tutorial	
Assessment rubrics (ii) Practical (case studies)	그는 그 같은 물건
Question	
Routine associated and Project work are offered	1
Routine assessment is carried out for tutorials, class assignments (> 6 and <= 10) and laborate Work assigned (>8 and <= 10) Routine assessment is carried out for tutorials, class assignments (> 6 and <= 10) and laborate Work assigned (> 6 and d= 0)	
work assigned (>8 and <= 10) Routine assessment is carried out for tutorials, class assignments (> 6 and <= 10) and laborate work assigned (>6 and <= 10) Work assigned (> 6 and <= 8) Routine assessment is carried out for tutorials, class assignments (> 4 and <= 6) and laborator work assigned (> 6 and <= 8)	10 marks
Work and a work and a work of a work	ory 08 marks
Routine and (> 6 and <= 8)	- oo marks
work assissment is carried out f	V DO
work assigned (> 4 and <= 6) Routine assessment is carried out for tutorials, class assignments (> 2 and <= 4) and lobaction	06 marks
Routine assigned (> 6 and <= 8) Routine assessment is carried out for tutorials, class assignments (> 4 and <= 6) and laborator work assigned (> 4 and <= 6) Routine assessment is carried out for tutorials, class assignments (> 2 and <= 4) and laborator Routine assessment is carried out for tutorials, class assignments (<= 2)	, <u> </u>
out out for tutorials, class assignments (	04 marks
Routine assessment is carried out for tutorials, class assignments (> 2 and <= 4) and laborator Routine assessment is carried out for tutorials, class assignments ( <= 2) and laboratory work	
WOIK	
	02 marks
V Mar and	

0

i.

Signed (==a)         • Faculty-Student Interaction (Whether any slot is fixed for the students to interact with a seasanet rubrics         verage Faculty-Student Interaction per week after classes/labs >0 and<=10       0 marks         verage Faculty-Student Interaction per week after classes/labs >0 and<=0       0 marks         verage Faculty-Student Interaction per week after classes/labs >0 and<=0       0 marks         verage Faculty-Student Interaction per week after classes/labs >2 and<=0       0 marks         verage Faculty-Student Interaction per week after classes/labs >2 and<=0       0 marks         - Our/Training/Industrial visits/Internship opportunities       0 marks         sessment rubrics       0 marks       0 marks         verage Number of tours and industrial visits/class/year >1 to <=2       0 marks       0 marks         verage Number of tours and industrial visits/class/year >10 c<=2       0 marks       0 marks         verage Number of tours and industrial visits/class/year >0.25 to <=1       0 marks       0 marks         - Effectiveness of Assisted Learning in Tutorial classes/seminars for Students/class       0 marks       0 marks         provement in students' and wite dents for valuents towards learning       0 marks       0 marks       0 marks         cractive involvement of weeker students in valuents towards learning       0 marks       0 marks       0 marks       0 marks       0 marks </th <th></th> <th></th> <th></th> <th></th> <th></th> <th>i</th>						i
Faculty-Student Interaction (Whether any slot is fixed for the students to interact with a teacher, after classes/labs         seessment rubrics         werage Faculty-Student interaction per week after classes/labs >6 and<=10       0 marks         werage Faculty-Student interaction per week after classes/labs >6 and<=20       0 marks         werage Faculty-Student interaction per week after classes/labs >2 and<=20       0 marks         werage Faculty-Student interaction per week after classes/labs >2 and<=20       0 marks         werage Faculty-Student interaction per week after classes/labs >2 and<=20       0 marks         werage Faculty-Student interaction per week after classes/labs >2 and<=20       0 marks         verage Number Student interaction per week after classes/labs >2 and<=20       0 marks         sessment rubrics       0 marks       0 marks         werage Number of tours and industrial visits/class/year >2 and internships       0 marks         werage Number of tours and industrial visits/class/year >0.25 <=1 and internships       0 marks         werage Number of tours and industrial visits/class/year >0.25 <=1 and internships       0 marks         werage faculty Mentoring/Faculty Advisor System for Students/Class of Students       0 marks         sessment rubrics       0 marks       0 marks         treased active involvement of weaker students in tutorial classes       0 marks       0 marks         setter i			· · · · · · · · · · · · · · · · · · ·	der 1		
Faculty-Student Interaction (Whether any slot is fixed for the students to interact with a sessesment rubrics         seessment rubrics         werage Faculty-Student interaction per week after classes/labs >8 and<=10						
Faculty-Student Interaction (Whether any slot is fixed for the students to interact with a teacher, after classes/labs         seessment rubrics         werage Faculty-Student interaction per week after classes/labs >6 and<=10	ssigned (<=4)			111		
verage Faculty-Student interaction per week after classes/labbs>6 and<=10	Faculty Students					
verage Faculty-Student interaction per week after classes/labbs>6 and<=10	teacher, after classes	raction (Whether any slot is fixed for the				-
verage Faculty-Student interaction per week after classes/labbs>10       10 marks         verage Faculty-Student interaction per week after classes/labbs>6 and<=10	Second and a lef classes	labs lined for the	students to	Intera	ct with a	
Unsige Faculty-Student interaction per week after classes/labs >6 and<=10					CE MILL S	
Unsige Faculty-Student interaction per week after classes/labs >6 and<=10	verage Faculty-Student inter	raction per week after classes/ Labs>10				11
verage Faculty-Student interaction per week after classes/labs >4 and<=8	verage Faculty-Student inte	raction per week after classes/labs >8 and<=10			10 mortin	
Tour/Training/Industrial visits/internship opportunities       06 marks 02 marks         Sessment rubrics       04 marks         verage Number of tours and industrial visits/class/year > 2 and internships       10 marks         verage Number of tours and industrial visits/class/year > 1 to <=2 and internships	Verage Faculty-Student inter	raction per week after classes/labs >6 and<=8			08 marks	
Seesament rubrics         02 marks           verage Number of tours and industrial visits/class/year > 2and internships         10 marks           verage Number of tours and industrial visits/class/year >1 to <=2 and internships		raction per week - P			06 marks	
verage Number of tours and industrial visits/class/year > 2 and internships       10 marks         verage Number of tours and industrial visits/class/year > 1 to <=2 and internships	. Iour/Training/Industria	Il visits/Internship opportuniti		1 - 51	02 marks	
verage Number of tours and industrial visits/class/year >1 to <=2	ssessment rubrics	simp opportunities	4.5		UZ marks	1
verage Number of tours and industrial visits/class/year >1 to <=2	verage Number of tours and	industrial visits (close (				
verage Number of tours and industrial visits/class/year >1 to <=2	verage Number of tours and	industrial visits/class/year > 2and internships				
verage Number of tous and industrial visits/class/year >0.25 <= 1 and internships	Verage Number of Idurs and	industrial visits/class/woorthind 10 12 and interns	hips		10 marks	
Faculty Mentoring/Faculty Advisor System for Students/Class of Students         Sessment rubrics         creased active involvement of weaker students in tutorial classes         aprovement in students' analytical capabilities, and soft skills         10 marks         provement in students' analytical capabilities, and soft skills         06 marks         07 marks         08 marks         09 marks         09 marks         09 marks         09 marks         09 marks         00 marks         02 marks         03 marks         04 marks         05 marks         06 marks         07 marks         08 marks         09 marks         01 marks         02 marks         02 marks         03 marks         04 marks         05 marks         06 marks         07 marks         08 marks         09 marks         09 marks         010 marks         erage of Pla	verage Number of tours and	industrial visits/class/year >0.25 <=1 and i			08 marks	
Faculty Mentoring/Faculty Advisor System for Students/Class of Students/         assessment rubrics         Creased active involvement of weaker students in tutorial classes provement in students' analytical capabilities, and soft skills       10 marks         provement in students' analytical capabilities, and soft skills       08 marks         provement in communication skills of the students       08 marks         culty mentoring/Faculty advisory system for students in place       08 marks         02 marks       08 marks         03 marks       04 marks         04 marks       02 marks         05 marks       04 marks         06 marks       02 marks         07 marks       08 marks         08 marks       08 marks         09 marks       04 marks         01 marks       02 marks         02 marks       02 marks         02 marks       02 marks         03 marks       02 marks         04 marks       02 marks         05 marks       02 marks         06 marks       02 marks         07 marks       02 marks         08 marks       02 marks         09 marks       08 marks         09 marks       08 marks         09 marks       08 marks </td <td></td> <td></td> <td></td> <td></td> <td>C4 monto</td> <td></td>					C4 monto	
creased active involvement of weaker students in tutorial classes provement in students' analytical capabilities, and soft skills       10 marks         provement in communication skills of the students fectiveness of seminar presentation by the students towards learning       06 marks         06 marks       06 marks         04 marks       02 marks         05 sessment rubrics       02 marks         erage of Placement %age/higher studies ≥80% erage of Placement %age/higher studies ≥40% and<80% erage of Placement %age/higher studies ≥20% and<80% erage of Placement %age/higher studies ≥20% and<80% erage of Placement %age/higher studies ≥20% and<80% erage of Placement %age/higher studies <20%	Faculty Mentoring/	sted Learning in Tutorial closer		1	C2 marka	
creased active involvement of weaker students in tutorial classes       10 marks         pprovement in students' analytical capabilities, and soft skills       10 marks         pprovement in communication skills of the students towards learning       08 marks         aculty mentoring/Faculty advisory system for students in place       06 marks         0. Placement %age/higher studies options (last three years)         ssessment rubrics         verage of Placement %age/higher studies ≥60% and<80%	Secoment at	culty Advisor System for Students (or	ars for Stu	dents		
approvement in students' analytical capabilities, and soft skills       10 marks         approvement in students' analytical capabilities, and soft skills       08 marks         fectiveness of seminar presentation by the students towards learning       06 marks         aculty mentoring/Faculty advisory system for students in place       04 marks         0. Placement %age/higher studies options (last three years)       02 marks         ssessment rubrics       02 marks         verage of Placement %age/higher studies ≥80% and<80%       10 marks         verage of Placement %age/higher studies ≥40% and<60%       08 marks         0.9 marks       08 marks         0.9 marks       02 marks         0.9 marks       03 marks         0.9 marks       04 marks         0.9 marks       04 marks         0.9 marks       02 marks         0.9 marks       02 marks         0.9 marks	Creased active i		s of Studer	nts		
Tectiveness of seminar presentation by the students towards learning aculty mentoring/Faculty advisory system for students in place 0. Placement %age/higher studies options (last three years) assessment rubrics verage of Placement %age/higher studies>80% verage of Placement %age/higher studies≥80% verage of Placement %age/higher studies≥40% and<80% verage of Placement %age/higher studies≥40% and<80% verage of Placement %age/higher studies≥40% and<80% verage of Placement %age/higher studies≥20% and<40% verage of Placement %age/higher studies ≤20% and ×40% 02 marks 02 marks 03 marks 04 marks 04 marks 05 marks 06 marks 08 marks 08 marks 09 marks 09 marks 09 marks 00 m	Drovement in the involvement	of weaker students in the				
06 marks       06 marks         09. Placement %age/higher studies options (last three years)       06 marks         09. Placement %age/higher studies options (last three years)       02 marks         09. Placement %age/higher studies >80%       02 marks         verage of Placement %age/higher studies ≥60% and<80%	provement in communication	n skills of the start soft skills		1 1	10 mode	. 1
9. Placement %age/higher studies options (last three years)       04 marks         ssessment rubrics       02 marks         verage of Placement %age/higher studies ≥60% and<80%					08 mode	1
assessment rubrics       02 marks         verage of Placement %age/higher studies ≥80%       10 marks         verage of Placement %age/higher studies ≥40% and<80%						
verage of Placement %age/higher studies>80%       10 marks         verage of Placement %age/higher studies ≥60% and<80%       08 marks         verage of Placement %age/higher studies ≥20% and<60%       08 marks         verage of Placement %age/higher studies ≥20% and<40%       06 marks         verage of Placement %age/higher studies <20%       00 marks         08 marks       08 marks         09 marks       08 marks         00 marks       08 marks         02 marks       02 marks         02 marks       02 marks	culty mentoring/Faculty adv	isory system for students in all			06 marks	
verage of Placement %age/higher studies>80%       10 marks         verage of Placement %age/higher studies ≥60% and<80%       08 marks         verage of Placement %age/higher studies ≥20% and<60%       08 marks         verage of Placement %age/higher studies ≥20% and<40%       06 marks         verage of Placement %age/higher studies <20%       08 marks         08 marks       08 marks         09 marks       08 marks         00 marks       08 marks         02 marks       02 marks         02 marks       02 marks	D. Placement %age/high	isory system for students towards learning	2 - 2 1 - 2 1 - 2		06 marks 04 marks	1
/erage of Placement %age/higher studies ≥60% and<80% /erage of Placement %age/higher studies ≥20% and<40% /erage of Placement %age/higher studies <20% 02 marks 02 marks 02 marks	J. Placement %age/high ssessment rubrics	er studies options (last three years)			06 marks 04 marks	La the set of the set
Verage of Placement %age/higher studies ≥20% and<40% Verage of Placement %age/higher studies <20% 04 marks 02 marks 02 marks	J. Placement %age/high ssessment rubrics	er studies options (last three years)			06 marks 04 marks	The second se
06 marks 04 marks 02 marks 02 marks	J. Placement %age/high ssessment rubrics verage of Placement %age/h Verage of Placement %age/h	er studies options (last three years)			06 marks 04 marks	A DESTRUCTION OF A DESTRUCTUON OF A DEST
04 marks 02 marks 02 marks	J. Placement %age/high ssessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80%			06 marks 04 marks 02 marks	A CONTRACT OF A
De de la comparte de	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 10 marks 08 marks	
A De 2n	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks	
A Det de la construcción de la c	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks 04 marks	and the second
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks 04 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks 04 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks 04 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 06 marks 04 marks	
	Placement %age/high sessment rubrics rerage of Placement %age/h rerage of Placement %age/h rerage of Placement %age/h refage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 08 marks 06 marks 04 marks 02 marks	
	Placement %age/high sessment rubrics rerage of Placement %age/h rerage of Placement %age/h rerage of Placement %age/h refage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 08 marks 06 marks 04 marks 02 marks	
	Placement %age/high sessment rubrics rerage of Placement %age/h rerage of Placement %age/h rerage of Placement %age/h refage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 08 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 02 marks 08 marks 08 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high ssessment rubrics verage of Placement %age/h verage of Placement %age/h verage of Placement %age/h verage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high ssessment rubrics verage of Placement %age/h verage of Placement %age/h verage of Placement %age/h verage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	
· · · · · · · · · · · · · · · · · · ·	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	
	J. Placement %age/high sessment rubrics /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h /erage of Placement %age/h	ier studies options (last three years) higher studies>80% higher studies ≥60% and<80% higher studies ≥40% and<80%			06 marks 04 marks 02 marks 08 marks 06 marks 06 marks 04 marks 02 marks	

المتركم المركم والمستعمل المتحاط المتحرين والمتحرين والمحافظ والمحاف

#### A.3 PG programme

# Curriculum (Structure, Course Syllabi, Flexibility) 1.

# Assessment rubrics

Assessment rubrics The designed Curriculum have effectiveness, well-structured, Choice based credit system, The designed Curriculum nave effectiveness, weir structured, Choice based credit system, industry-based syllabus, flexibility, and high theory to practical ratio following outcome based education The designed Curriculum have effectiveness, well-structured, Choice based credit system, 10 marks industry-based syllabus, flexibility, and high theory to practical ratio The designed Curriculum have effectiveness, well-structured, Choice based credits, Industry-08 marks based syllabus, and high theory to practical ratio based syllabus, and high meory to preceden rate. The designed Curriculum have effectiveness, well-structured, Choice based credits and industry-06 marks based synaous The designed Curriculum well-structured, Choice based credits and have effectiveness 04 marks 2. Formal Academic Load on Students [Teaching, Laboratory/Practical, 02 marks Assessment rubrics 10hours formal Academic Load on Students (Laboratory/Practical, Projects) 08-hours formal Academic Load on Students' (Laboratory/Practical, Projects) 06-hours formal Academic Load on Students ( Laboratory/Practical, Projects) 05hours formal Academic Load on Students (Teaching, Laboratory/Practical, Projects) 10 marks 04-hours formal Academic Load on Students (Teaching, Laboratory/Practical, Projects) 09 marks 02-hours formal Academic Load on Students (Teaching, Laboratory/Practical, Projects)s 08 marks 06 marks 3. Evaluation Process (Continuing Evaluation, and End-Term Evaluation) 04 marks 02 marks Question papers, Laboratory work and Project work are aligned with the COs, POs and PSOs of Routine assessment is carried out for tutorials, class assignments (> 6 and <= 10) and laboratory 10 marks Routine assessment is carried out for tutorials, class assignments (> 4 and <= 6) and laboratory 08 marks Routine assessment is carried out for tutorials, class assignments (> 2 and <= 4) and laboratory work assigned (> 4 and <= 6) 06 marks Routine assessment is carried out for tutorials, class assignments ( <= 2) and laboratory work 04 marks 4. Relevance of contents of courses taught to the students and scope of improvement 02 marks Adequate relevant contents of courses of program specific taught to students Adequate relevant contents of courses of other allied subjects taught to students Revision of syllabus within four years 10 marks Addition of new experiments 08 marks Modern teaching methods in practice other than the conventional methods 06 marks 5. 04 marks 02 marks (i) Availability of Library Resources and Major Search Engines (like Scopus, Web of science) Assessment rubrics Course Materials, videos and PPT developed by the faculty Course Materials PPT developed by the faculty Library sources and Major search engine made available to students and Multimedia assisted 10 marks Multimedia assisted teaching >65% and<100% Multimedia assisted teaching >25% and < 65% 08 marks 06 marks Technical Societies / Colloquium for Students i. 04 marks ii. Student Chapter(s) of Professional Societies 02 marks Assessment rubrics Technical Societies / Colloquium for Students and Student Chapter(s) of Professional Societies-100 % participation of sanctioned strength Technical Societies / Colloquium for Students: 80 % participation of sanctioned strength Technical Societies / Colloquium for Students: 80 % participation of sanctioned strength Technical Societies / Colloquium for Students: 80 % participation of sanctioned strength Technical Societies / Colloquium for Students: 60 % participation of sanctioned strength Student Chanter(e) of Professional Costetions 60 % participation of sanctioned strength Student Chapter(s) of Professional Societies: 60 % participation of sanctioned strength 10 marks C8 marks 06 marks 04 marks

5

Λ

Student Chapter(s) of Professional Societies: 40 % participation of sanctioned strength 7. Tour/Training/Industrial visits/Internship opportunities Assessment rubrics Average Number of tours and industrial visits/class/year > 2and Internships Average Number of tours and industrial visits/class/year > 1 to <=2 and Internships Average Number of tours and industrial visits/class/year > 1 to <=2	
Assessment rubrics Average Number of tours and industrial visits/olary to	1 A Sto
Assessment rubrics Average Number of tours and industrial visits/olary to	
Average Number of tours and industrial visits/alass to	02 marks
AVerage Must	
Average number of tours and industrial visite class (verage > 2and internet)	
	10
Average Number of tours and industrial visits/class/year >1 to <=2	10 marks 08 marks
Average Number of tours and industrial visits/class/year >1 to <=2 and internships Average Number of tours and industrial visits/class/year >1 to <=2 Average Number of tours and industrial visits/class/year >0.25 <=1 and Internships 8. Collaboration with other departure	06 marks
Collaboration with other departments (with the	04 marks
8. Collaboration with other departments (within Institute)	02 marks
Collaboration	
Collaboration with other departments for 6 events in a year Collaboration with other departments for 5 events in a year	
Collaboration with other departments for 5 events in a year Collaboration with other departments for 4 events in a year	The second second
Collaboration with other departmentsfor 4 events in a year Collaboration with other departments for 3 events in a year	10 marks
Collaboration with other departments for 3 events in a year Collaboration with other departments for 2 events in a year	09 marks
Collaboration with other departments for 2 events in a year Events: Expert lectures, Project/ Thesis supervision in a year	08 marks
Events: Expert lectures, Project/ Thesis supervision/ subject teaching etc.	06 marks
9. Faculty mentoring/	04 marks
And SUCTOR SVetome	02 marks
aculty mentaria w	
aculty mentoring/faculty adviser are available to	
aculty mentoring/faculty adviser are available to admitted students >95% aculty mentoring/faculty adviser are available to admitted students >95% aculty mentoring/faculty adviser are available to admitted students	
and a subscription of the second se	10
aculty mentoring/faculty adviser are available to admitted students >95% aculty mentoring/faculty adviser are available to admitted students >86and<95% aculty mentoring/faculty adviser are available to admitted students>81and<86% aculty mentoring/faculty adviser are available to admitted students>81and<86% aculty mentoring/faculty adviser are available to admitted students>71and<86%	10 marks
aculty mentoring/faculty adviser are available to admitted students >95% aculty mentoring/faculty adviser are available to admitted students >86and<95% aculty mentoring/faculty adviser are available to admitted students>81and<86% aculty mentoring/faculty adviser are available to admitted students>71and<80% aculty mentoring/faculty adviser are available to admitted students>61and<70% 0. Monitoring and continuous evaluation of the second	09 marks 08 marks
<ol> <li>Monitoring and continuous evaluation of the project work assigned to the stu (mechanism)</li> <li>ssessment rubrics</li> </ol>	06 marks
(mechanism)	04 marks
ssessment rubrics	02 marks
umber of continuous evolution	Idents
umber of continuous evaluations of project work> 3 umber of continuous evaluations of project work = 3 umber of continuous evaluations of project work = 3	
umber of continuous evaluations of project work = 3 umber of continuous evaluations of project work = 2 umber of continuous evaluations of project work = 1 umber of continuous evaluations of project work = 1	10
umber of continuous evaluations of project work = 2 umber of continuous evaluations of project work = 1	10 marks
=0	08 marks 06 marks
$\cdot \land$	04 marks
RD ,	04 marks
No dym	04 marks 02 marks
And I m	04 marks
A 2 m	04 marks
A -m	04 marks
A - m	04 marks
A - m	04 marks
De 2 pm 2	04 marks
De 2 pm 2	04 marks
De 2 pm	04 marks
De 2m	04 marks
De 2m	04 marks
De 2 pm	04 marks
Al Im	04 marks
And I prom	04 marks
And I m	04 marks
And I man	04 marks
And I man	04 marks
A Jon	04 marks
De de participantes de la construcción de la constr	04 marks
A depart	04 marks
A dym	04 marks
De dom	04 marks
A dyn	04 marks
A dom	04 marks
De dom	04 marks

# A.4 Doctoral (Ph.D.) Programmes

# 1. Intake of Ph.D. Students

Assessment rubrics	
	as 10 marks
Assessment rubrics Number of students admitted is 80-100% of number allocated in seat matrix in all categories Number of students admitted is 60-79% of number allocated in seat matrix in all categories	08 marks
Number of students admitted is 60-79% of number allocated in seat matrix in all categories Number of students admitted is 40-59% of number allocated in seat matrix in all categories Number of students admitted is 20-39% of number allocated in seat matrix in all categories	06 marks
Number of students admitted is 40-59% of number allocated in seat matrix in all categories	oomarks
Number of students admitted is 40-59% of number allocated in seat matrix in all categories Number of students admitted is 20-39% of number allocated in seat matrix in all categories	
Number of students admitted is 20-39% of number allocated in seat matrix in all categories Number of students admitted is <20% of number allocated in seat matrix in all categories	02 marks
Number of students admitted is	
2. Admission Process	
2. Admission Process	
Assessment rubrics All guidelines fulfilled and students are GATE/ NET qualified and Interviewed.	10 marks
All guidelines fulfilled and students are SET guidlified and Interviewed	
All guidelines fulfilled and students are SET qualified and Interviewed All guidelines fulfilled and students are SET qualified	08 marks
An a station of students are or a qualified	06 marks
the second state of the state o	04 marks
Minor deviations from guide lines fulfilled and students are SET qualified	02 marks
3. Pre-Ph.D. Courses and Evaluation Process	
Assessment rubrics	
All admitted candidates complete coursework and seminar in stipulated time.	
80% of admitted candidates complete coursework and seminar in stipulated time	10 marks
80% of admitted candidates complete coursework and semiliar in supulated time	08 marks
60% of admitted candidates complete coursework and seminar in stipulated time	06 marks
40% of admitted candidates complete coursework and seminar in stipulated time	04 marks
20% of admitted candidates complete coursework and seminar in stipulated time	02 marks
	U4 HIdIKS
4. Breadth and Depth of Knowledge of Students	그는 이 그 것 같아. 오늘 상황화를
Assessment rubrics	이 가지 아파 말랐다
91-100% score in qualifying examination and interview	
86-90% score in qualifying examination and interview	10 marks
80-85% score in qualifying examination and interview	09marks
70-79% score in qualifying examination and interview	08 marks
60 60% access in qualitying examination and interview	00 marks
60-69% score in qualifying examination and interview	06 marks
50-59% score in qualifying examination and interview	04 marks
	02 marks
5. Seminar/ Presentations and Technical Communication	
Assessment of a	그는 이 것 한 감독을 있었다.
Assessment rubrics	
All students present progress seminar and submit report within stipulated time	
80% students present progress seminar and submit report within stipulated time 60% students present progress seminar and submit report within stipulated time	10 marks
60% students present program submit report within stipulated time	I U III AIKS
40% students present progress seminar and submit report within stinulated time	8 marks
40% students present present present and submit report within stipulated time	8 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time	8 marks 6 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time	8 marks 6 marks 4 marks
<ul> <li>40% students present progress seminar and submit report within stipulated time</li> <li>20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> </ul>	8 marks 6 marks
<ul> <li>40% students present progress seminar and submit report within stipulated time</li> <li>20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> </ul>	8 marks 6 marks 4 marks
<ul> <li>40% students present progress seminar and submit report within stipulated time</li> <li>20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> </ul>	8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute	8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute of national eminence	8 marks 6 marks 4 marks 2 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute of national eminence Comparable with institute of regional eminence	8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute of national eminence Comparable with institute of regional eminence Comparable with peer departments within Institute	8 marks 6 marks 4 marks 2 marks 10 marks
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute of national eminence Comparable with institute of regional eminence Comparable with peer departments within Institute	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         7. Average Number of Research Students and	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         7. Average Number of Research Students/Faculty	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Assessment rubrics	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Assessment rubrics	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty	8 marks 6 marks 4 marks 2 marks 2 marks 10 marks 8 marks 6 marks 4 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Assessment rubrics         Average number of Research Students/Faculty.8	8 marks 6 marks 4 marks 2 marks 2 marks 8 marks 6 marks 4 marks 2 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 6	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 6 marks 2 marks 10 marks 10 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 6	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty.8         Average number of Research Students/Faculty.6         Average number of Research Students/Faculty.4	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty.8         Average number of Research Students/Faculty.6         Average number of Research Students/Faculty.4	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         7. Average Number of Research Students/Faculty         Average number of Research Students/Faculty.8         Average number of Research Students/Faculty.6         Average number of Research Students/Faculty.4	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
<ul> <li>40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> <li>Assessment rubrics</li> <li>Comparable with institute of national eminence</li> <li>Comparable with institute of regional eminence</li> <li>Comparable with peer departments within Institute</li> <li>Somewhat less than peer departments within Institute</li> <li>Significantly less than peer departments within Institute</li> <li>7. Average Number of Research Students/Faculty</li> <li>Assessment rubrics</li> <li>Average number of Research Students/Faculty 6</li> <li>Average number of Research Students/Faculty 4</li> <li>Average number of Research Students/Faculty 3</li> <li>8. Average Number of Research Papers of Ph. D. Students/Faculty 2</li> </ul>	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
<ul> <li>40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> <li>Assessment rubrics</li> <li>Comparable with institute of national eminence</li> <li>Comparable with institute of regional eminence</li> <li>Comparable with peer departments within Institute</li> <li>Somewhat less than peer departments within Institute</li> <li>Significantly less than peer departments within Institute</li> <li>7. Average Number of Research Students/Faculty</li> <li>Assessment rubrics</li> <li>Average number of Research Students/Faculty 6</li> <li>Average number of Research Students/Faculty 4</li> <li>Average number of Research Students/Faculty 4</li> <li>Average Number of Research Students/Faculty 3</li> <li>8. Average Number of Research Papers of Ph. D Students (Indexed Jour Average Number of Research Papers of Ph. D Students (Indexed Jour</li> </ul>	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Somewhat less than peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty         Assessment rubrics         Average number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average Number of Research Students/Faculty 2         8. Average Number of Research Students/Faculty 2	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 3         8. Average Number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D. Students (Indexed Jour         Average number of Research Papers of Ph. D. Students (Indexed Jour	8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 6 marks 4 marks 2 marks 10 marks 8 marks 8 marks 8 marks 8 marks 8 marks 8 marks 9
40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time 6. Research Facilities available in the Department Assessment rubrics Comparable with institute of national eminence Comparable with institute of regional eminence Comparable with peer departments within Institute Somewhat less than peer departments within Institute Significantly less than peer departments within Institute 7. Average Number of Research Students/Faculty 8 Average number of Research Students/Faculty 6 Average number of Research Students/Faculty 4 Average number of Research Students/Faculty 4 Average number of Research Students/Faculty 2 8. Average Number of Research Students/Faculty 2 8. Average Number of Research Students/Faculty 2 8. Average Number of Research Papers of Ph. D Students (Indexed Jour Average number of Research Papers of Ph. D Students >= 5 Average number of Research Papers of Ph. D Students 4	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 6 marks 8 marks 6 marks 6 marks 10 marks 2 marks 7 marks 10 marks 1
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D Students (Indexed Jour         Average number of Research Papers of Ph. D. Students>= 5         Average number of Research Papers of Ph. D Students 4	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 6 marks 8 marks 6 marks 10 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D Students (Indexed Jour         Average number of Research Papers of Ph. D. Students>= 5         Average number of Research Papers of Ph. D Students 4	8 marks 6 marks 4 marks 2 marks 2 marks 8 marks 6 marks 4 marks 2 marks 6 marks 8 marks 6 marks 10 marks 8 marks 7 marks 10 marks 8 marks 10 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D Students (Indexed Jour         Average number of Research Papers of Ph. D. Students>= 5         Average number of Research Papers of Ph. D Students 4	8 marks 6 marks 4 marks 2 marks 2 marks 8 marks 6 marks 4 marks 2 marks 6 marks 8 marks 6 marks 10 marks 8 marks 7 marks 10 marks 8 marks 10 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D Students (Indexed Jour         Average number of Research Papers of Ph. D. Students>= 5         Average number of Research Papers of Ph. D Students 4	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 6 marks 7 marks 10 marks 8 marks 6 marks 10 marks 8 marks 6 marks 10 marks 8 marks 6 marks 6 marks 10 marks 6 marks 7 marks 7 marks 7 marks 8 marks 7 marks 7 marks 8 marks 7 marks 7 marks 8 marks 7 marks 8 marks 7 marks 8 marks 7 marks 8 marks
40% students present progress seminar and submit report within stipulated time         20% students present progress seminar and submit report within stipulated time         6. Research Facilities available in the Department         Assessment rubrics         Comparable with institute of national eminence         Comparable with institute of regional eminence         Comparable with institute of regional eminence         Comparable with peer departments within Institute         Significantly less than peer departments within Institute         7. Average Number of Research Students/Faculty 8         Average number of Research Students/Faculty 6         Average number of Research Students/Faculty 4         Average number of Research Students/Faculty 3         8. Average Number of Research Students/Faculty 2         8. Average Number of Research Papers of Ph. D. Students (Indexed Jour         Average number of Research Papers of Ph. D. Students (Indexed Jour	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 6 marks 6 marks 7 mals 10 marks 8 marks 6 marks 4 marks 7 marks 10 marks 8 marks 6 marks 4 marks 10 marks
<ul> <li>40% students present progress seminar and submit report within stipulated time 20% students present progress seminar and submit report within stipulated time</li> <li>6. Research Facilities available in the Department</li> <li>Assessment rubrics</li> <li>Comparable with institute of national eminence</li> <li>Comparable with institute of regional eminence</li> <li>Comparable with peer departments within Institute</li> <li>Significantly less than peer departments within Institute</li> <li>7. Average Number of Research Students/Faculty</li> <li>Average number of Research Students/Faculty 6</li> <li>Average number of Research Students/Faculty 4</li> <li>Average number of Research Students/Faculty 2</li> <li>8. Average Number of Research Students/Faculty 2</li> <li>8. Average Number of Research Papers of Ph. D. Students (Indexed Jour Average number of Research Papers of Ph. D. Students&gt;= 5</li> <li>Average number of Research Papers of Ph. D. Students 4</li> </ul>	8 marks 6 marks 4 marks 2 marks 2 marks 6 marks 6 marks 4 marks 2 marks 6 marks 7 marks 10 marks 8 marks 6 marks 10 marks 8 marks 6 marks 10 marks 8 marks 6 marks 6 marks 10 marks 6 marks 7 marks 7 marks 7 marks 7 marks 8 marks 7 marks 7 marks 8 marks 7 marks 7 marks 8 marks 7 marks 8 marks 7 marks 8 marks 7 marks 8 marks 7 marks 8 marks

ł

1 7 ſ

#### Assessment rubrics

Average duration to complete Ph. D. 3 years	
Average duration to complete Ph. D. 4 years	10 marks
Average duration to complete Ph. D. 5 years	8 marks
Average duration to complete Ph. D. 6 years	6 marks
Average duration to complete Ph. D. 7 years	4 marks
	2 marks
10. Participation of Research Scholars in Conferences/Workshops	P. H.

#### Assessment rubrics

Average number of participations≥9	
Average number of participations≥7and<9	10 marks
Average number of participations≥5 and< 7	8 marks
Average number of participations≥3 and< 5	6 marks
Average number of participations≥1and<3	4 marks
	2 marke

#### RESEARCH В

# 1. Research Ambience in the Department

# Assessment rubrics

- 4 marks for faculty qualification, 3 marks for robe

	<ul> <li>3 marks for research facilities/ infrastructure</li> </ul>		
	<ul> <li>S marks for number of research scholars</li> </ul>		
	91-100% faculty with PhD		
	80-90% faculty with PhD	A CONTRACT OF CONTRACT	2,802,111
	60-80% faculty with PhD		6marks
	40-60% faculty with PhD		4marks
	20-40% faculty with PhD		3 marks
	Excellent research fooilities (		2 marks
	Excellent research facilities/ research infrastructure Adequate research facilities/ research infrastructure Inadequate research facilities/ research infrastructure		1 mark
	Inadequate research facilities/ research infrastructure Large number of research schelles		3 marks
	Large number of research scholars	그는 이상에 가슴을 물	Sinarks
	Adequate number of research scholars		2 marks
	Adequate number of research scholars		1 marks
_			3 marks
2.	Research Awarenege		2 marks
	Research Awareness among Doctoral Students		1 marks
	Research aware		
	Research awareness among doctoral students by more than 01 confe Research awareness among doctoral students by 01 conference per Research awareness among doctoral students by 01 conference per		
	Research awareness among doctoral students by 01 conference	erence per year	10
	Research awareness among doctoral students by 01 worker ence per	year	10 marks

#### Research awareness among doctoral students by 01 workshop per year Research awareness among doctoral students by 02 expert lectures per year Research awareness among doctoral students by 02 expert lectures per year 09 marks Research awareness among doctoral students by offering courses 8 marks 6 marks 3. Thrust areas of research in the department 4 marks 2 Marks

# Assessment rubrics 4 marks for nation

<u>3 marks for regional or local relevance</u> , <u>3 marks for regional or local relevance</u> , <u>80-100% thrust areas nationally relevant</u> <u>60-80% thrust areas nationally relevant</u> <u>40-60% thrust areas nationally relevant</u>		
20-40% thrust areas nationally relevant 70-100% thrust areas nationally relevant		4 Marks 3 Marks
70-100% the		2 Marks 1 Marks 3 Marks
40-70% thrust areas locally relevant 10-40% thrust areas locally relevant Quality of Research	· .*.	2 Marks 1 Marks 3 Marks
Assessment rubrics		 2 Marks 1 Marks

ent rubrics

4.

Patent granted

citation per faculty (Scopus), 2 marks for citation per faculty (Google Scholar)

2 marks for patent, 2 marks for total impact factor, 2 marks for citation per faculty (WoS), 2 marks for citation per faculty (WoS), 2 marks for

2 marks

8

and the second	A grant and a second	1 11
Patent published/filed Average impact factor >= 2	1 mark	
Average impact factor 1-2	2 marks	
citation per faculty (WoS) $\geq 200$	1 mark	
citation per faculty (WoS) 100-200	2 marks	
citation per faculty (Scopus) >= 200 citation per faculty (Scopus) 100-200	1 mark 2 marks	
citation per faculty (Scopus) 100-200	1 mark	計画
citation per faculty (Google Scholar) 200-300	2 marks	
Collaborations with other departments (within the	1 mark	
5. Collaborations with other departments (within the institute) International levels Assessment rubrics Collaboration with other departments for 5 events in a year Collaboration with other departments for 4 events in a year		
	10 marks	
	108 marks	S
Collaboration with other departments for 1 events in a year Events: Expert lectures Project/Theory 1	06 marks 04 marks	S
Events: Expert lectures, Project/ Thesis supervision/ subject teaching e	104 marks 02 marks	5
5. Impact and Quality of Publications	IC C	211
<ul> <li>2.5 marks for total impact factor, 2.5 marks for citation per faculty (V faculty (Scopus), 2.5 marks for citation per faculty (Google Scholar)</li> <li>Average impact factor &gt;= 2</li> <li>Average impact factor 1-2</li> <li>citation per faculty (WoS) &gt;= 20</li> </ul>	VoS), 2.5 marks for citation per	
Gitauon per faculty (M/oS) 10 po	1.5 ma	urks
	2.5 ma	irks
	1.5 ma	1
Cliation per faculty (0	1.J 111a	Irks
citation per faculty (Google Scholar) >= 30	2.5 ma	rks
citation per faculty (Google Scholar) >= 30	2.5 ma	rks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Section	2.5 ma 1.5 ma 2.5 ma 1.5 ma	irks irks irks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	irks irks irks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust areas covered	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	irks irks irks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	rks rks rks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	irks Irks Irks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maxim	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	rks rks rks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental colleb	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 5 marks 4 marks 3 marks 3 marks	rks rks rks
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 5 marks 3 marks 5 marks 0 marks 5 marks 1 marks	S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 5 marks 3 marks 5 marks 0 marks 5 marks 1 marks	S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust area covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations 2 marks each for collaboration for Ph. D	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 0 marks 0 marks 0 marks	S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust area covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations 2 marks each for collaboration for Ph. D	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 0 marks 0 marks 0 marks	S S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations Assessment rubrics 2 marks each for collaboration for Ph. D. research guidance or for collabor other collaboration Industry/externally funded sponsored research (a)	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 0 marks 0 marks 0 marks	S S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 20-30 Total publications 10-20 Total publications < 10 All thrust area covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations Assessment rubrics 2 marks each for collaboration for Ph. D. research guidance or for collabor other collaboration Industry/externally funded sponsored research(Numbers and Project and the sponsored research (Numbers and	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 0 marks 0 marks 0 marks	S S S S S
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications >= 30 Total publications >= 30 Total publications >= 10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations Assessment rubrics 2 marks each for collaboration for Ph. D. research guidance or for collabor other collaboration Industry/externally funded sponsored research(Numbers and Project amounting to >= Rs. 50 lakhs Project amounting to >= Rs. 50 lakhs	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 0 marks 0 marks 0 marks	S S S S S
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications >= 0.00         Total publications >= 0.00         Total publications >= 0.00         Assessment rubrics         Assessment rubrics         2 marks each for maximum of 10         Inter departmental collaborations         Assessment rubrics         2 marks each for collaboration for Ph. D. research guidance or for collabor         Other collaboration         Industry/externally funded sponsored research (Numbers and         Project amounting to >= Rs. 50 lakhs         Project amounting to Sec. 40-50 lakhs	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 4 marks 3 marks 2 marks 2 marks 5 marks 0 marks 5 marks 0 marks 10 ma	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications < 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 2 marks 2 marks 5 marks 0 marks 5 marks 0 marks 10 m	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications >= 30         Total publications 20-30         Total publications 10-20         Total publications < 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma	
citation per faculty (Google Scholar) >= 30 citation per faculty (Google Scholar) 20-30 Relevance of Research to Knowledge Generation and Social Assessment rubrics 5 marks for Knowledge Generation, 5 marks for Social Relevance with re Total publications >= 30 Total publications 20-30 Total publications 10-20 Total publications (10 All thrust areas covered No thrust area covered Student Exposure for Attending Quality Conferences/Sympos 2 marks each for maximum of 10 Inter departmental collaborations Assessment rubrics 2 marks each for collaboration for Ph. D. research guidance or for collabor other collaboration Industry/externally funded sponsored research(Numbers and Project amounting to >= Rs. 50 lakhs Project amounting to Rs. 40-50 lakhs Project amounting to Rs. 20-30 lakhs	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Assessment rubrics         2 marks each for maximum of 10         Inter departmental collaborations         Assessment rubrics         2 marks each for collaboration for Ph. D. research guidance or for collabor         Other collaboration         Industry/externally funded sponsored research (Numbers and Project amounting to >= Rs. 50 lakhs         Project amounting to >= Rs. 50 lakhs         Project amounting to Rs. 40-50 lakhs	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 2 marks 5 marks 0 marks 0 marks 10 marks 9 marks 8 marks 7 marks 7 marks 9 marks	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications <= 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 2 marks 5 marks 0 marks 0 marks 4 marks 8 marks	
citation per faculty (Google Scholar) >= 30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications >= 0.0         Assessment rubrics         2 marks each for maximum of 10         Inter departmental collaborations         Assessment rubrics         2 marks each for collaboration for Ph. D. research guidance or for collabor         Industry/externally funded sponsored research (Numbers and         Assessment rubrics         Project amounting to Rs. 40-50 lakhs         Project amounting to Rs. 30-40 lakhs	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 5 marks 5 marks 5 marks 0 marks 0 marks 9 marks 8 marks 7 marks 5 marks	
citation per faculty (Google Scholar) >= 30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications <= 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 2 marks 5 marks 0 marks 0 marks 4 marks 8 marks	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications <= 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 5 marks 5 marks 5 marks 0 marks 0 marks 9 marks 8 marks 7 marks 5 marks	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications <= 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 5 marks 5 marks 5 marks 0 marks 0 marks 9 marks 8 marks 7 marks 5 marks	
citation per faculty (Google Scholar) >= 30         citation per faculty (Google Scholar) 20-30         Relevance of Research to Knowledge Generation and Social         Assessment rubrics         5 marks for Knowledge Generation, 5 marks for Social Relevance with re         Total publications >= 30         Total publications >= 30         Total publications 20-30         Total publications 10-20         Total publications < 10	2.5 ma 1.5 ma 2.5 ma 2.5 ma 2.5 ma 1.5 ma 1.5 ma 1.5 ma 1.5 marks 3 marks 3 marks 5 marks 5 marks 5 marks 0 marks 0 marks 9 marks 8 marks 7 marks 5 marks	

# c. DEPARTMENTAL INFRASTRUCTURE

# 1. Adequacy of Classrooms and Multi-Media Facility

	Assessment rubrics			
	Availability of classes conducted in classrooms at department >75%			
	Availability of classes conducted in classrooms at department >75% Availability of classes conducted in classrooms at department >50% and <75% Availability of classes conducted in classrooms at department >50% and <75%		14 1 2 9 1	$T \ge 0$
	Availability of classes conducted in classrooms at department >/5% Availability of classes conducted in classrooms at department >/5% Availability of classes conducted in classrooms at department >/25% and 50%</th <th></th> <th>6 marks</th> <th>1</th>		6 marks	1
	Availability of classes conducted in alage	1.	4 marks	1.
			2 marks	1
			1 mark	ŀ.
	Availability of Multimedia facility in classrooms >50% and>75%	- 1 <sup>2</sup>	4 marks	i P
	Availability of Multimedia facility in classrooms >50% and>75% Availability of Multimedia facility in classrooms >25% and>50% Availability of Multimedia facility in classrooms < 25%	11	3 marks	1.1
	classrooms < 25%	- 13		1.5
	2. Availability of Laboratories in the Department of Chemical Engineering Assessment rubrics	. 13.	2 marks	[.]
	According to Department of Chemical Englishing	11	1 mark	1
	Assessment rubrics	1. 11		1 4
	Assessment rubrics Laboratory space available/Laboratory space required to accommodate students' group Equipment availability for routine classes Equipment available for research purpose	- H	- 분야 같이 없	11
	Equipment availability for routine classes	0.11		1.4
	Equipment available for research purpose	6 19	2mar	.1
	Shortage of laboratories		2 marks	
	Sizes of research labs	1.7	2 marks	÷ĝ.
	Space for pilot plant	10	2 marks	1
		1.0	2 mark	11
3.	Availability of Conference/Seminar Room, etc		1 mark	ţ.
	Association ar Room, etc		1 mark	2
	Assessment rubrics	11		5
	Conference room availability (exclusive) at department Seminar Hall (exclusive) at department	15.		1
	Seminar Hall (exclusive) at department Capacity of the conference is a seminar that the conference is a seminar the conference is a seminar that the conference is a seminar the conference is a seminar that the conference is a semin		19月1日茶	
	Capacity of the conference/ seminar helicity	r 4		1.0
	Capacity of the conference/ seminar halls >250 person Capacity of the conference/ seminar halls >250 person Capacity of the conference/ seminar halls >100 and < 250 persons Availability of the conference/ seminar halls <100 person	ALL LA	3 marks	71
			3 marks	
4.	Availability of Sand		4 marks	12.
	Seating Space for Facult		3 marks	
	Availability of Seating Space for Faculty and Research Students Adequate number of faculty		2 marks	
	Adequate number of faculty rooms available (as per designation/ outside the labs) Adequate space available for research students		1911 · 11 · 11	-1
	Adequate size of faculty rooms available (			
	Adequate space available for research students	1.8		
-	Hate space available for research at a	1.1		1
5.	Availability of Internet Services in Research Labs and Classrooms Availability of wired LAN compared to the service of the se	4	marks	
	And State of Services in Post	3	marks	
ŕ	Assessment rubrics	3	marks	
	Availability of wired LAN		48	1
				4.1
			이는 감독을	d p
L	Adequate Wi-Fi signal quality	1 -1		
6.	Departmental Library and E-Resources	2 m	narks	7
	partmental Library and F. P.	3 m	harks	12
<u>A</u>	Assessment rubrics	2 m	larks	
		3 m	arks	
	Sufficiency of Books and e-resources			
	Sufficiency of Computer and internet facility for access to e-resources Adequate seating capacity of department library		4월 - 탄위학	1
7. 0	subale seating capacity of a			
4. (	Computing Facilities and Software	5 ma	arko	11
4	Asia acliffies and Software	3 ma	IIKS	÷
Г	Assessment rubrics		IKS	
	Auequate availability of	2 ma	rks	
	Adequate lab space and allied services availability			4
_				4
8. A	dequacy of and allied services and it of computers		이 수영 쇼핑	
	Adequate number and configuration of computers dequacy of Offices and Furnishing for Faculty Assessment rubrics	5 m	arks	1.7
		3 m	arks	
	Adequate number	2 m	arks	
	Sizes of faculty roome			
	Adequate number of faculty rooms available (as per designation/ outside the labs)	4 14	「「新聞」」	
	in itomi	1		
	(incliabs)	2-		1
	Λ	2 ma	IKS	. i
	$\cap$ $N \downarrow$	3 ma	IKS	
	11 With m	5 mai	KS	. t
	VL	開始上	같이걸것	1
			有引出。	
		142	1111	1.1
	ad		- 11 m - 1	

	그는 것은 것은 것은 말을 하지 않지 않지 않았다.
	그는 그는 것은 것이 물을 물질을 하는 것을 해야 했다.
9. Faculty- Student Ratio	
Assessment rubrics	이 아이는 것이 아이는 것을 잘 하는 것이다.
1111	
	10 marks 8 marks
Faculty student ratio > 1.20 and 1.20	6 month
10. Support Staff (Technical/Administrative) Ade	quacy
Assessment rubrics	
Adequate technical staff / lab >1	
Adequate technical staff / lab =1	5 marks
Adequate technical staff / lab >1 Adequate Technical Staff on regular basis	4 marks
Adequate Technical Staff on regular basis	3 marks 2 marks
Adequate reprinted etail of regular pasis	3 marks
D. OUTCOMES	
B. OUTBOMILD	
1. Placement	
(i) ICD students (ii) UG students (iii) PG stude	ents (NADL D
Assessment rubrics	(W)Fn. D. students
Placement %age/higher studies for IGD + 000	
Placement %age/bigber studiosfor LOD - read	00/
Placement %age/higher studies for ICD<30%	1 mort
	0.5
Placement %age/higher studies for UG >50% and<8 Placement %age/higher studies for UG ≥30% and<5 Placement %age/higher studies for UG ≥30%	Indias
Placement %age/higher studies for UG ≥30% and<5	
Placement %age/higher studies for PG >80%	2 marks
Placement % age/higher studiesfor PG >50% and<8/	0%
Placement %ago/biol	0% 0%
Placement 9/ and 101 PG<30%	
Placement %age/higher studies for Ph.D. >80% Placement %age/higher studiesfor Ph.D. >50% and Placement %age/higher studies for Ph.D. >20%	10.5 mark
Placement %age/higher studiesfor Ph.D. >50% and Placement %age/higher studies for Ph.D. ≥30% and Placement %age/higher studies for Ph.D. ≥30% and	<80%
Placement %age/higher studies for Ph.D. ≥30% and 2. Average Number of Ph.D. ≥1% and <	
2. Average Number of Ph. Ds awarded per year	
	0.5 mark
Number of Dh D	
Number of Ph.D. in an academic year =3 Number of Ph.D. in an academic year = 2	
Number of Ph.D. in an academic year = 2 Number of Ph.D. in an academic year = 1 Number of Ph.D. submitted in a year = 1	
	07 Marks
Number of Ph.D. submitted in an academic year ≥ 2 (Limited to maximum 10 marks)	05 marks
Limited to maximum 10 marks)	03 marks 04 marks
5. Publications per Faculty in the	02 marks
3. Publications per Faculty in Indexed Journals/ Assessment rubrics Average Number of publications/faculty	Yoor /A.
Average Number	(Average of last three veare)
Average Number of publications/faculty in least	To Yeals)
Average Number of publications/faculty in last academ Average Number of publications/faculty in last academ Average Number of publications/faculty in last academ	lic year ≥ 2
<ol> <li>Average Citations per Faculty/Year (Last-Three Academic Year (AY) Total Number of publications (Scopus)</li> </ol>	lic year $\ge 0.5$ and $<1$ 06 Marks
Citations per Facult	ic year ≥ 0.1 and<0.5
Academic Vanily/Year (Last-Three	e Years) (Web of D
Total Number of	(Web of Science/Second
Total Number of publications (Scopus) Average number of citation (foculton)	
werage last three waterion /faculty (See	2019-20
Assessment rubrics	
Averagilubrics	
Average Number of citations/faculty in the	
Average Number of citations/faculty in last academic	year ≥ 25
Average Number of citations/faculty in last academic Average Number of citations/faculty in last academic	Year 220and an
verage Number of citations/faculty in last academic	Year ≥ 1525
or citations/faculty in last academic	year ≥ 10 or the second secon
	year ≥ 5 and <15 06 Marks
Average Number of citations/faculty in last academic Average Number of citations/faculty in last academic	D4 Marks
VI Wei in	02 Marks
$\sim$ 11	

	n kvali ita
	Transfer to the
5. Recognitions; Awards (National/International) to Faculty/Students	
Assessment rubrics	
Assessment runnes Total number of awards in an academic year ≥ 5 Total number of awards in an academic year ≥4 and<5	10 Marks
Tatal number of awards in an academic year 23 and 4	08 Marks
Total number of awards in an academic year 2 2 and 3	06 Marks
Total number of awards in an academic year ≥ 1and<2	04 Marks
6. Consultancy and Externally Funded Projects	02 Marks
Assessment rubrics	영금 물건물 방송(영영) 같이.
Project amounting to >= INR 50 lakhs	
Project amounting to INR 40-50 lakhs	10 marks
Project amounting to INR 30-40 lakhs	9 marks
Project amounting to INR 20-30 lakhs Project amounting to INR 10-20 lakhs	8 marks
Project amounting to INR 5-10 lakhs	7 marks
Project amounting to < INR 5 lakhs	6 marks
Number of Ph.D. graduates who took and took	5 marks
Number of Ph.D. graduates who took Academics as Career (Last 5 Year Assessment rubrics	4 marks
Assessment rubrics	<b>ua</b> )
Number of students took Academics as Career≥ 8 Number of students took Academics as Career≥ 6	
Number of students took Academics as Career≥ 6 Number of students took Academics as Career≥4and<5	10 Marks
Number of students took Academics as Career≥4and<5 Number of students took Academics as Career≥ 3and<4	09 Marks
Number of students took Academics as Career≥ 3and<4 Number of students took Academics as Career≥ 2and<3	08 Marks
Carpor-1	06 Marks
Students offered for higher studies	04 Marks 02 Marks
Assessment rubrice	
9/ of student	그는 이번 옷에 물질을 받다
% of students opted for higher studies in a academic year ≥ 20 % of students opted for higher studies in a academic year ≥15 and<20 % of students opted for higher studies in a academic year ≥15 and<20	
of attacking opted for higher studies in a subdefinic year ≥15 and<20	10 Marks
% of students opted for higher studies in a academic year ≥ 20 % of students opted for higher studies in a academic year ≥15 and<20 % of students opted for higher studies in a academic year ≥ 10 and<15 % of students opted for higher studies in a academic year ≥ 5	08 Marks
studies in a good, so Joan 2 0 and <10	06 Marks
Number of qualified students New Year 2 0.1 and <5	04 Marks
Number of qualified students NET/GATE/CAT etc	02 marks
10 Of stude	
% of students qualified GATE in a academic year ≥ 20 % of students qualified GATE in a academic year ≥15 and<20 % of students qualified GATE in a academic year ≥ 10 and <20	이 것이 집에 집에 가슴을 알았다.
% of students qualified GATE in a second year 215 and 200	
% of students qualified GATE in a academic year ≥ 20 % of students qualified GATE in a academic year ≥15 and<20 % of students qualified GATE in an academic year ≥ 10 and<15 % of students qualified GATE in an academic year ≥ 5 and<15	10 Marks
% of students qualified GATE in a academic year ≥15 and<20 % of students qualified GATE in an academic year ≥ 10 and<15 % of students qualified GATE in an academic year ≥ 5 and<10 Entrepreneurship	08 Marks
Julie 1. 1 and <5	06 Marks 04 Marks
ASSessment	02 marks
% of students opted for entrop	
% of students opted for entrepreneurship in an academic year ≥ 12 % of students opted for entrepreneurship in an academic year ≥ 12 % of students opted for entrepreneurship in an academic year ≥ 09 % of students opted for entrepreneurship in an academic year ≥ 7 % of students opted for entrepreneurship in an academic year ≥ 7	그는 것이 동물같아
% of students opted for entrepreneurship in an academic year ≥ 12 % of students opted for entrepreneurship in an academic year ≥ 09 % of students opted for entrepreneurship in an academic year ≥ 7 % of students opted for entrepreneurship in an academic year ≥ 5	
	10 Marks
% of students opted for entrepreneurship in an academic year > 5	09 Marks
<ul> <li>% of students opted for entrepreneurship in an academic year ≥ 09</li> <li>% of students opted for entrepreneurship in an academic year ≥ 7</li> <li>% of students opted for entrepreneurship in an academic year ≥ 5</li> <li>% of students opted for entrepreneurship in an academic year ≥ 3 and&lt;5</li> </ul>	US Marka
% of students opted for entrepreneurship in an academic year ≥ 5 % of students opted for entrepreneurship in an academic year ≥ 3 and<5 % of students opted for entrepreneurship in an academic year ≥ 0.1 and<3	06 Marks 04 Marks
	02 Marks
	THE RS
	그는 그렇게? 문법 말할 수
	이 전 영상 문서를 감정했는
$\sim$	
()	
	그리 - 문화 방문하지?
$\mathcal{V}_{\alpha}$	1 : 사람이 안 집에 좋
	지 사람 신간 말라
	그는 그는 것 같아. 이상 문제에 있는 것 같아.

and the summary of the second se

the second s

12

gh-