



**ENGAGEMENT PROFILE FOR ACADEMIC STAFF**

**(August-2021 to July 2022)**

**SECTION A**

1. Personal Details

Name of Faculty		Employee ID	
Date of Joining DSU		Position Held & Dept.	

2. Relevant Personnel Circumstances (If Applicable): On long leave (period), Deputation (period), Sabbatical etc {This is to indicate to the review panel if the faculty was away from the campus with prior approval for official/personal reasons}.

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3. Career Aspirations

**(a) What are your career aspirations over the next 3 years?**

Faculty with Ph.D

- Improve quality of teaching materials and delivery
- Engage in Research Supervision
- Writing Research Grant Applications and securing a minimum of one project every two years.
- Establish research collaboration with other universities
- Publish high quality papers
- Plan to successfully complete the supervision of two Ph.D theses.

Faculty yet to complete Ph.D

- Will register for Ph.D
- Will complete course work
- Will complete comprehensive Viva
- Will submit thesis

(b) Summarize how you will contribute to your department / school / Centre / Campus plans over the next 3 years?

- Increase the number of publications in high impact journals
- Explore ways to attract more full time Ph.D students for school.
- Improve teaching quality
- serve as an active member of the domain group <Name of the Group> in the department
- Continue involvement in the faculty/university committees
- Value addition to the department in the following departmental administrative committee :  
Will take an active role in the (...) committee
- Contribute towards university brand building activities.

## SECTION B

### ENGAGEMENT PROFILE : TEACHING & LEARNING : Jan-Dec 2019

#### GOALS :

ENGAGEMENT	TARGETS SET	STRATEGIES TO BE FOLLOWED TO ACHIEVE THE TARGETS
Student Feedback	95% and above	<ol style="list-style-type: none"> <li>1. Closely consider the formal teaching evaluations for the current year to improve quality of teaching and revise teaching materials for next year.</li> <li>2. Evaluate Lab experiments and Lab projects (if any) and formally come up with improvement plans.</li> <li>3. Use formal student feedback &amp; also seek informal student feedback in lectures and tutorials to identify the topics that are perceived difficult by the students, and will revise lecture and tutorial materials to cover those topics in a better way.</li> <li>4. Peer-review of lecture class</li> <li>5. Study the best reference models from reputed institutions and adapt best practices</li> </ol>
Up-gradation of T&L Material	Will strive for 20% change in the T&L material	
Design of Lab Experiments	Will make at least 20% Modifications of lab experiments	
Will design Open Ended Experiments	No. of Experiments to be targeted	
Will contribute to an effective Continuous Assessment process	- Will introduce assessment components that bring out the creativity in students	
Will introduce project based learning	- Topics for Project Based Learning	
Learning Material on Moodle or any other platform	- Will make sure that majority of the T&L material are published on a regular basis, well before the lecture/lab session	
Will improve communication	- Student newsgroup communication	

protocols with students	<ul style="list-style-type: none"> <li>- Allocating “Teacher Hours” for discussion with students</li> <li>- Informal feedback from students to understand their needs</li> </ul>	
Curriculum Improvement Activities	<ul style="list-style-type: none"> <li>- Will contribute to curriculum and assessment design for a set of courses in my domain</li> </ul>	
Mini Projects	<ul style="list-style-type: none"> <li>- Will guide 6 teams of mini projects</li> </ul>	<ul style="list-style-type: none"> <li>- Will research on a regular basis to prepare for regular (and mini) projects.</li> </ul>
Undergraduate Projects and Postgraduate thesis guidance	<ul style="list-style-type: none"> <li>- Aim to guide 2 post graduate students and 4 undergraduate student teams</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will spend extra time in the labs and acquire hands-on skills on a regular basis.</li> </ul>	
Guest Lectures	<ul style="list-style-type: none"> <li>- Will invite two experts to deliver domain related Guest Lectures</li> </ul>	

### SECTION C: RESEARCH, CONSULTANCY AND INDUSTRY INTERACTION

	Targets Set	Strategies to be followed to Achieve Targets.
Journal Publications	<ul style="list-style-type: none"> <li>- Will publish one journal paper in a medium to high impact factor Journal</li> <li>- Will communicate one paper to “IEEE Transactions on Networking” (mandatory for Professors)</li> </ul>	Targets will be achieved : <ul style="list-style-type: none"> <li>- By working with research scholars and actively participating in their research</li> <li>- By working closely with UG &amp; PG students on projects</li> <li>- By collaborating closely with a publisher to work on book chapters</li> <li>- By having close links with industries for industry related and</li> </ul>
Conference papers	<ul style="list-style-type: none"> <li>- Will publish two conference papers</li> </ul>	
Text Book Chapters	<ul style="list-style-type: none"> <li>- Will contribute to a Book Chapter</li> <li>- Will author a Book</li> </ul>	
Research Proposals	<ul style="list-style-type: none"> <li>- Will submit 4 research proposals</li> </ul>	

	<ul style="list-style-type: none"> <li>- Will put in best efforts to secure at least one externally funded research grant</li> </ul>	<ul style="list-style-type: none"> <li>- consultancy work</li> <li>- Spending more time in the labs with UG/PG students</li> </ul>
Ph.D Studies	<ul style="list-style-type: none"> <li>- Will Register for Ph.D</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will Complete course work</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will Complete Comprehensive Viva</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will publish one high quality journal paper</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will publish one high quality conference paper</li> </ul>	
	<ul style="list-style-type: none"> <li>- Will Submit the thesis</li> </ul>	
Ph.D Supervision	<ul style="list-style-type: none"> <li>- Will supervise a minimum of 2 Research Scholars during the year</li> </ul>	
Industry Collaboration	<ul style="list-style-type: none"> <li>- Will collaborate and set up links with at least two industries.</li> </ul>	
Consultancy	<ul style="list-style-type: none"> <li>- Will involve in two consultancy activities with industries</li> </ul>	
Undergraduate Research	<ul style="list-style-type: none"> <li>- Will actively involve in the supervision of 2 undergraduate research teams</li> </ul>	
Innovation Labs	<ul style="list-style-type: none"> <li>- Will play a key role in promoting students to the Innovation Lab (Name of the Lab) and supervising students on a regular basis to work on innovative projects.</li> </ul>	

#### **PART D: WORKSHOPS, CONFERENCES**

	<b>Targets Set</b>	<b>Strategies to be followed to Achieve Targets.</b>
Conference Conduction	<ul style="list-style-type: none"> <li>- Will conduct one international conference</li> <li>- Will Conduct one National Conference</li> <li>- Will take an active role in assisting in the conference</li> </ul>	<ul style="list-style-type: none"> <li>- Write a proposal to DSU management on the conduction of the events</li> <li>- Collaborate with partnering institutions/organizations and raise funds</li> <li>- Interface with funding agencies to secure grants for conduction</li> </ul>
Workshop	<ul style="list-style-type: none"> <li>- Will conduct a workshop at the school level</li> <li>- Will conduct a workshop at the University level</li> <li>- Will conduct Hands-on</li> </ul>	

	workshop for UG/PG students - Will assist in the conduction of a workshop	
Conference & Workshop Participation	- Will attend an International Conference to present a paper - Will attend a workshop	
FDP	- Will conduct one FDP in the area of .....	

### PART E: CLUBS, CULTURE & ART

	Targets Set	Strategies to be followed to Achieve Targets.
Cultural Club	- Will coordinate the overall cultural activities of SoE - Will be the staff adviser for the SoE Classical Music Club	-
Technical Clubs	- Will lead the Astronomy Club - Will lead Robotics Club	-

### PART F: SERVICE

	Targets Set	Strategies to be followed to Achieve Targets.
NSS Related Activity	- Will coordinate NSS activities in the campus - Will conduct Blood Donation camps	- Will work with local schools to improve hands-on activities for school children.
Admission related activities	- Will conduct out-reach programs for brand building	
Brand Building	- Will conduct one event for the Talent Search Program	
Portfolio involvement	Present portfolios of engagement: [list]  Portfolios plan to engage during 21-22 - Member/coordinator for the portfolios [list].	

**PART G: PLACEMENT AND HIGHER STUDIES**

	<b>Targets Set</b>	<b>Strategies to be followed to Achieve Targets.</b>
Placement related training	<ul style="list-style-type: none"> <li>• Will offer training to students in the areas of &lt; &gt; to up skill the students to make them more employable</li> <li>• Will conduct Aptitude and other training programs to help students with placement</li> <li>• Will contact companies to explore opportunities for students to secure internship &amp; employment</li> </ul>	
Higher Study Opportunities	<ul style="list-style-type: none"> <li>• Will work with students on projects and research related activities to assist them for higher studies</li> </ul>	
	<ul style="list-style-type: none"> <li>• Will offer/organize training for competitive exams like GATE, GRE, IES etc</li> </ul>	

Signature of the Faculty with Date:

Signature of the Chairman:

Date: