LOKNETE DR. BALASAHEB VIKHE PATIL (PADMABHUSHAN AWARDEE)PRAVARA EDUCATION SOCIETY, PRAVARANAGAR

Faculty EVALUATION SHEET 2022-23

Name of Institute   : SVIT Nashik

Name of Department   : **Computer Engineering Department**

Name of Staff Member : Dr. Prerna Khairnar

* Marks can be given in fraction

Sr. No.		Max. Marks	Marks Obtained	Point wise	
				Max. Marks	Marks Obtained
1.	**Strength and Weaknesses**				
1.1	Higher qualification	1	1	06	04
1.2	Domain Knowledge and Teaching skills.	1	1		
1.3	Presentation Skills	1	1		
1.4	Involvement of students in Projects	1	1		
1.5	Level of Portfolio assigned and its compliance (HoD/Dean/Major Portfolio/ Other – 0.5 Inst. Level-01/ Dept level -0.5 each)	1	1		
1.6	Punctuality in submitting the action taken reports.	1	1		
2.	**Involvement in Admissions.**				
2.1	Data collected	1	1	05	04
2.2	Communication with the students and parents	1	1		
2.3	Conversion rate of admission from data collected	1	1		
2.4	Counseling of students and parents	1	1		
2.5	Positively Talking about Department / College and organization.	1	1		
3.	**Teaching-Learning**				
3.1	Preparation of Lectures / Practicals / Tutorials	2	2	09	08
3.2	Mode of delivery	1	1		
3.3	Class Control	1	1		
3.4	Use of ICT/other Learning Resources	1	1		
3.5	Maintenance of Records and self reports	1	1		
3.6	Teaching beyond other than syllabus	1	1		
3.7	Result (for <50% Zero Marks and for >=50% Marks =2*(% of Result/100)	2	1.76		
4.	**Involvement in Co-Curricular & Extra Curricular Activities**				
4.1	Organization/Participation in Co-Curricular Activities (Internal evaluation / External evaluation / Document maintenance of Theory and practicals)	2	2	11	09
4.2	Organization/Participation in Extra Curricular Activities (Expert lectures delivered / Workshop / Seminars / NSS/Sports /Any other)	2	1.5		

4.3	Extent of involvement in T&P /Alumni Registration/ Industrial Interaction / Internship/ Field Trips/ Entrepreneurship/Any other related activities	2	2		
4.4	Knowledge sharing and practical exposure as a Resource Person (Two per semester - Incampus-01, Two per semester Outside Campus-02)	2	1		
4.5	Prize/Award/Recognition/Any other Achievements	1	1		
4.6	Alumni Interaction (MoU's with Alumni, Placement, Field trips, Industrial training)	2	1.5		
5.	**Initiative towards department and Institute development**				
5.1	Involvement in Image Building	2	1.5		
5.2	Monitoring, Caring and inculcating good habits among the Students	2	2		
5.3	Attitude towards caring/monitoring of Infrastructure	1	1	08	07
5.4	Self initiation	1	1		
5.5	Commitment towards work	1	1		
5.6	Involvement in Group Activities	1	1		
6.	**Willingness to work after office hours**				
6.1	Spending extra time in Library/Laboratory/Office for Academic/assigned work	1	1		
6.2	Spending extra time for Students activities/ Alumni activities	2	1.5	05	04
6.3	Sparing extra time for T&P activities/Industrial visits and other Industrial related activities	1	1		
6.4	Exploring the Emerging Technology	1	1		
7	**Research and Innovation Activities**				
7.1	Patent (Granted-05, Publication-03, Registration-02)	1			
7.2	Journal Paper Publication (at least 1 per academic year - Scopus/University approved-02, Other International-02, National & other-1)	1			
7.3	Paper Publication and Presentation (At least 1 paper per semester - In State / National (IIT/IISc/IIIT-1, International-2)	1	Max. 06 marks	06	05
7.4	Book/Chapter/Any other publication (each -01)	1			
7.5	Research Grant/Fund/Consultancy Work (02 depend on extent of involvement)	1			
	Total			50	~~4470~~ 41 43

HOD
(Signature & Date)

PRINCIPAL
(Signature & Date)

PRAVARA TECHNICAL EDUCATION CAMPUS NASHIK
Academic Performance Indicator (API) and Appraisal for Teaching Staff

Name of the Teacher:Dr.Prerana N.Khairnar Department: Computer Engineering

Designation:Assistant Professor Duration of Appraisal: June 2022 to May 2023

CATEGORY I : TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Max Score: 125
Min Score: 75

I.1 : Lectures, seminars, tutorials, practicals, contact hours undertaken taken as percentage of lectures allocated (Self Assessment)

Max. Score: 50

Theory lectures, Practical and Tutorials are each to be considered as separate heads.

Sr. No.	Class/ Course	Subject	No.of Lectures/Practicals/ Tutorials target*	Lectures / Practicals/Tutorials actually engaged	% target achieved	Avg % target achieved	Points Achieved (Col.7 / 2)
1	2	3	4	5	6	7	8
1.	BE	Machine Learning	42	42	100		
2.	SE	Digital Electronics and Logic Design	42	42	100	100	50
3.	SE	DELD-Digital MP Lab	12	12	100		
4.	BE	Machine Learning Lab	05	05	100		
5.	TE	Data Science and Big Data Analytics	42	42	100		
6.	SE	Microprocessor	46	46	100		
7.	SE	Microprocessor Lab	10	10	100	100	50
8.	TE	Data Science and Big Data Analytics Lab	13	13	100		

Note: * Excluding public holidays on the date of Lectures/Practical/ Tutorials

I.2 : Lectures or other teaching duties in excess of the prescribed load
(Performance Assessed by Head of the Department/ Principal)

Max. Score: 10

Sr. No.	Type of duty	Target studen ts	Details(Topic, duration etc.)	No. of hours	Total No. of hours	Col.6 x 100 / target	Points achieved	Sign of HOD
1	2	3	4	5	6	7	8	9
1	Seminar and Internship	10	Seminar and Internship	32	32	3.2%	10	
2	B.E Project	3	Project Co Guide-Project Guidance	15	15	5.0%	10	
3	Make up Lectures/Remedial Lectures/Guidance to failed students in DELD	3	Extra lecture for failed students in DELD	8	8	2.7%	10	OY

Points achieved =10 if col. $6 \geq 10\%$ of Target mentioned in col 4 of I.1, else Points achieved = 0
Type of duty includes extra lectures in the subject, remedial classes and lectures on contents beyond syllabus.

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I.3 : Preparation and Imparting of knowledge/ Instruction as per curriculum, Syllabus enrichment by additional resources to students   Max. Score: 20

(Assessment by Head of the Department/ Principal based on student feedback taken by HOD for curriculum coverage)

Sr. No.	Performance Indicator to be assessed	Excellent (05)	Good (04)	Satisfactory (02)	Total points
1.	Planning of lessons throughout the academic year.	✓			
2.	Uniform coverage of term work/ assignments and guidance for writing journals.	✓			15
3.	Effective communication of subject matter and clarity of speech.	✓			
4.	Class control.				

I.4 : Use of participatory and innovative teaching-learning methodologies, updating of subject content, course improvement etc.   Max. Score: 20

(Performance Assessed by HOD/ Principal, Explanation to be given by faculty in the space below each point)

Sr. No.	Performance Indicator to be assessed	Excellent (05)			Good (04)			Satisfactory (02)			Total points
		E	O	Avg	E	O	Avg	E	O	Avg	
1.*	Use of participatory methodology (Involvement of students in learning process) • By asking Questionnaires based on previous lecture • By giving assignments • By assigning small project task to group	✓									
2.*	Use of innovative teaching-learning methodology. • Encourage students to discuss, contribute, participate in subject related quiz. • Use Of Screencast • To aware students about Social media in to education				✓						17
3#	Updating of subject content as per course outcome requirement (evaluation based on course file content) • Involving real time case studies example in syllabus • Giving case studies to students				✓						
4#	Course improvement (Improvement in course plan and delivery for the betterment of course outcome attainment) • By arranging seminars,Industrial Visits related to subject curriculum				✓						

* Evaluation based on supplementary information provided by faculty
# Not applicable if teaching a subject for the first time.

I.5: Examination duties (Invigilation, question paper setting, Evaluation/assessment of answer scripts) as per allotment.   Max. Score : 25

(Performance Assessed by HOD/ Principal, Evaluation for Sr. No. 1 and 3 based on feedback taken by HOD/ Principal from exam cell.)

Sr. No.	Performance Indicator to be assessed	Excellent (05)			Good (04)			Satisfactory (02)			Total points
		E	O	Avg	E	O	Avg	E	O	Avg	
1.	Invigilation / conduction of Theory Exams and Conduction of Practical/oral Exams	✓									
2.	Question paper setting for Internal assessment and prelims	✓									
3	Evaluation / Assessment of Answer scripts.	✓									24
4	Checking of journals and making continuous assessment of term- work / assignment.	✓									
5	Record keeping of students' profile.	✓									

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I.5.1 may not be applicable for staff deputed for higher studies.

Total Score of Category I (I.1 + I.2 + I.3 + I.4 + I.5) = $50 + 9 + 15 + 17 + 24 = 115$

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

Max Score: 50
Min Score: 15

II.1: Student related co-curricular, extension and field based activities   Max Score: 20
(Performance Assessed by HOD/ Principal, Explanation to be given by faculty in the space below each point)

Sr. No.	Performance Indicator to be assessed	Excellent (05)			Good (04)			Satisfactory (02)			Total points
		E	O	Avg	E	O	Avg	E	O	Avg	
1.*	Involvement in cultural programs/ sports/ extra-curricular activities. • Cultural coordinator at College level • Days Celebration Coordinator • Performing any duties assigned by higher authority	✓										
2.*	Involvement in organizing seminars /workshops /technical contests for students • Arranging seminar for students • Arranging technical Events during Gathering	✓										9
3.	Involvement in organizing expert lectures/Industrial visits for students • Arranging expert talk for students	✓										
4.	Involvement in student counselling etc. • Performing any duties assigned by higher authority				✓							

Responsibilities for Points 1 & 3: Faces, n_{max}, Felicitation of Toppers, Fresher's party, Send Off, Alumni meet, Parent meet, Department level activities etc.

II.2: Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities.   Max Score: 15
(Performance Assessed by HOD/ Principal, Explanation to be given by faculty in the space below each point)

Sr. No.	Performance Indicator to be assessed	Excellent (05)			Good (04)			Satisfactory (02)			Total points
		E	O	Avg	E	O	Avg	E	O	Avg	
1.*	Active participation during Assembly • Performing any duties assigned by higher authority	✓										
2.*	Participation in academic and Administrative work (Institute level) • Performing any duties assigned by higher authority - Class Teacher, etc				✓							13
3.*	Participation in academic and Administrative work (Department level) • Performing any duties assigned by higher authority				✓							

Responsibilities for Points 2 and 3 : Class teacher, Assistant Class Teacher, Project Coordinator, Exam cell, Placement coordinator, Time Table I/c, Accreditation, SSS, AICTE, LIC, University Affiliation, FE admission , ARC, Lab I/c, College ranking etc.

Max Score: 15

II.3: Professional development activities
(Performance Assessed by HOD/ Principal, Explanation to be given by faculty in the space below each point)

Sr. No.	Performance Indicator to be assessed	Excellent (05)			Good (04)			Satisfactory (02)			Total points
		E	O	Avg	E	O	Avg	E	O	Avg	
1.*	Organising and Participation in STTP/ FDP (Technical)/WS/CEP										
	• Participated in FDP arranged by Spoken tutorial project,IIT Bombay • Participated in FDP on Machine Learning arranged by SIT,Pune. • Participated in Faculty orientation program on Software Assurance & Quality Assurance • Participated in workshop on Machine Learning by Python arranged by ISBM COE.										
2.*	Organising and Participation in seminars/ conferences (Technical)										
	• Participated as Conference chair in International Conference • Participated as Resource Person & Deliver a Keynote Speech										15
3.#	Membership of associations, dissemination and general articles										
	• ISTE-Life Member(LM120393) • IETE Membership(M501308) • Institute of Scholars(InSc)-Lifetime • International Association of Engineers(280092) • Reviewer For the Journal" International Journal of Electronics , Electrical & Communications Engineering"										

* Evaluation is not applicable for staff deputed for higher studies.
# Evaluation scheme is as follows.

No. of Membership of associations + No dissemination and general articles	Marking scheme
≥ 03	Excellent (05)
= 02	Good (04)
= 01	Satisfactory (02)
= 00	No marking (00)

Total Score of Category II (II.1 + II.2 + II.3) = 19+13+15 = 47

Signature of H.O.D.
13/9/23

PRAVARA TECHNICAL EDUCATION CAMPUS NASHIK
Academic Performance Indicator (API) and Appraisal for Teaching Staff

Category III: RESEARCH AND ACADEMIC CONTRIBUTIONS (Self-Assessment) Academic Year:

Based on the teacher's self-assessment, API scores are proposed for research and academic contribution. The minimum API score required by teachers from this category is different for different levels of promotion. The self-assessment score will be based on verifiable criterion and will be finalized by the screening/selection committee. For Evaluation criteria please refer Appendix I and Norms for selection refer Appendix II.

III.A Research papers published in:
i) Refereed journal

Sr. No.	Title with page no.	Journal	ISSN/IS BN No.	Whether Peer reviewed, Impact factor, if any	No. of Co-authors	Whether you are the main author?	API score
1	An Effective Storage Management for University Library using Weighted K-Nearest Neighbor Algorithm	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon)	978-1-6654-5342-4/22/$31.00 ©2022 IEEE	IEEE Explorer	6	NO	10

ii) Non-refereed but recognized and reputable journals and periodicals, media having ISBN/ISSN numbers

Sr. No.	Title with page no.	Journal	ISSN/ISBN No.	Whether Impact factor, if any	No. of Co-authors	Whether you are the main author?	API score
1.	--						0

iii) Full papers in Conference Proceedings:

Sr. No.	Title with page no.	Details of Conference Publication	Whether Peer reviewed,	ISSN/ISBN No.	No. of Co-authors	Whether you are the main author ?	API score
	--						0

Total API score of[(i) + (ii) + (iii)] category III.A = 10 + 0 + 0 + 0 = 10

III.B Research publication, books other than refereed articles
i) Books published as author or as editor:

Sl. No.	Title with page no.	Type of Book, & authorship	ISSN/ISBN No.	Type of Publisher (International / National/ Local)	No. of Co-authors	Whether you are the main author ?	API score
							0

Waiting For ISBN Number

ii) Chapters published in Books :

Sl. No.	Title with page no.	Book title, editor	ISSN/ISBN No.	Type of Publisher (International/ National)	No. of Co-authors	Whether you are the main author?	API score
							0

Total API Score of [(i) + (ii)]Category III.B = 0 + 0 = 0

III.C Ongoing and Completed Research Projects and Consultancies:
(i) Ongoing Projects :

Sr. No.	Title	Agency	Period	Grant/Amount mobilized (Rs. lakh)	API score
					0

(ii) Consultancies :

Sr. No.	Title	Agency	Period	Grant/Amount mobilized (Rs. lakh)	API score
					0

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(iii) Completed Project : Quality Evaluation

Sr. No.	Title	Agency	Period	Grant/ Amount mobilized (Rs. lakh)	Whether accepted by funding agency / Policy Document Submitted	API score
				--		0

(iv) Completed Project: Projects Outcomes / Output

Sr. No.	Title	Agency	Period	Grant/ Amount mobilized (Rs. lakh)	Whether Project Outcome was a Patent/ Technology transfer/ Product	API score
				--		0

Total API Score of Category III.C = [(i) + (ii) + (iii) +(iv)]   0 + 0 + 0 + 0 = 0

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III.D Research Guidance:

Sr. No.	Number enrolled of students	Thesis submitted	Degree awarded	API score
M.Phil /M.E.		--		
Ph. D				

Total API Score of Category III.D = 0

III.E Training courses and conferences/seminar/ workshop : (Non-Technical)

i) Refresher courses, Orientation course, Methodology workshops, Training, Teaching-Learning, Evaluation Technology programs, Soft skills development programs, Faculty development programs (participation / organizing)

   a) Not less than two weeks duration

Sr. No.	Program	Duration	Organized by	API score
				0

   b) One week duration

Sr. No.	Program	Duration	Organized by	API score
	--			0

(ii) Papers presented in Conferences, Seminars, Workshops etc. :Participation and Presentation of research paper (poster or oral)

Sl. No.	Title of the Paper presented	Title of Conference/ Seminar	Organized by	Whether International/ National/State/ Regional/College or University level	API score
1a					0

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(iii) Invited lectures / Presentation for Conferences /Symposia. :

Sl. No.	Title the of Lecture/ Academic session	Title of Conference/Seminar	Organized by	Whether International/ National	API score
1	Optical Fiber as a Communication Media	Participated as Resource Person & Deliver a Keynote Speech	International conference on Advances in Management,Engineering & Technology,Tamilnadu, India	International	5

Total API Score of Category III.E =
[(i) + (ii) + (iii)] $0 + 0 + 5 = 5$

Category III – Summary of API scores for A.Y._____

S.No.	Criteria	API score
A	Research papers published	10
B	Research publication, books other than refereed articles	0
C	Ongoing and Completed Research Projects and Consultancies	0
D	Research Guidance:	0
E	Training courses and conferences/seminar/workshop	5
		15

Total API Score of Category III =
[III.A+ III.B+ III.C+ III.D+ III.E] $= 15$

Signature of staff member

Signature of HOD

PART B   Max. Points:25

I : Performance of Attendance of Students
(Self Assessment)   Max. Points: 05

Sr. No.	Class/ Course	Subject taught	Sum of students present	Lecture actually engaged	Students on roll	Average attendance $\frac{Col4 \times 100}{Col5 \times Col6}$	Performance and Multiplying factors	Perform ance per subject	Avg of Col. (9)	Points Achieved 5 x col.10
1	2	3	4	5	6	7	8	9	10	11
1.	BE	Machine Learning	2700	42	86	74.8	* Excellent - 1.0 (100- 81)	0.8		
2.	SE	Digital Electronics and Logic Design	3000	42	77	92.76	* Good - 0.8 (80- 61) *Satisfactory- 0.6 (60- 41)	1.0		0.925
3.	SE	DELD- Digital MP Lab	830	12	77	89.9	*Poor-0.4 (40-00)	1.0	0.9	
4.	BE	Machine Learning Lab	344	05	86	80.1		0.8		
5.	TE	Data Science and Big Data Analytics	2315	42	69	80	* Excellent - 1.0 (100-81) * Good - 0.8 (80-61) *Satisfactory- 0.6 (60-41) *Poor-0.4 (40-00)	0.8		
6.	SE	Microprocessor	3070	46	76	87.81		1.0	0.95	
7.	SE	Microprocessor Lab	630	10	76	82.89		1.0		
8.	TE	Data Science and Big Data Analytics Lab	740	13	69	82.49		1.0		

II: Performance of Results (Theory Subjects)
(for subjects taught in Previous Semester*)
(Self Assessment)   Max.Points : 9.25

Sr. No.	Class/ Course	Subject taught	Average result (passing%) of same subject for last 1-3 years in Institute **	Current Passing %	Performance	Points Achieved per subject	Points Achieved (Avg of col.7)
1	2	3	4	5	6	7	8
1.	SE	Microprocessor Lab	75%	Result Awaited	For col(4)≥ 95% *If col(5) > col(4) Then col(7) = 10 *If |col(5) − col(4)| ≤2 Then col(6) = 08 *If 5 ≥ col(4) − col(5) >2 Then col(7) = 06 *If col(4) − col(5) > 5 Then col(6) = 05 For col(4) < 95% *If col(5) − col(4)≥ +2 Then col(7) = 10 *If|col(5) − col(4)| ≤ 2 Then col(7) = 08 *If 5 ≥ col(4) − col(5) >2 Then col(7) = 06 *If col(4) − col(5) > 5 Then col(6) = 05	6	6

| 2. | TE | Data Science and Big Data Analytics | New Subject | Result Awaited | For col(4) ≥ 95%
*If col(5) > col(4) Then col(7) = 10
*If \|col(5) − col(4)\| ≤ 2 Then col(6) = 08
*If 5 ≥ col(4) − col(5) >2 Then col(7) = 06
*If col(4) − col(5) > 5 Then col(6) = 05

For col(4) < 95%
*If col(5) − col(4) ≥ +2 Then col(7) = 10
*If \|col(5) − col(4)\| ≤ 2 Then col(7) = 08
*If 5 ≥ col(4) − col(5) >2 Then col(7) = 06
*If col(4) − col(5) > 5 Then col(6) = 05 | ० | र |

Note: * For newly introduced subjects this table is not applicable for the first year.

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**Average result to be calculated for the subject if the subject or equivalent was taught at least once in the department (need not be by the same staff member).

III : Students Assessment based on overall effectiveness of teaching   Max. Points : 10
       (Self Assessment)

Sr. No.	Class/ Course	Subjects taught	Total No. of students in a class	No. of Students say				Performance [col.5 + 0.8 x col.6 + 0.6 x col.7 + 0.4 x col.8] ÷ col.4	Avg. of col.9	Points achieved 10 x col.10
				Excellent	Good	Satisfactory	Poor			
1	2	3	4	5	6	7	8	9	10	11
1	BE	Machine Learning	86					3		
2	SE	Digital Electronics and Logic Design	77					3		
5	TE	Data Science and Big Data Analytics	69					3	7.5	7.5
6	SE	Microprocessor	76					3		

Total Score of Extra Category (I + II + III) =   9.25 + 7+7.5 = 23.75

Signature of Staff Member   Signature of HOD