

DEPARTMENT NAME: ENTREPRENEURSHIP DEVELOPMENT AND INDUSTRIAL COORDINATION (EDIC)

Report for 1st January, 2022 to 31st March, 2022

I. Details of M.E. Programmes:

ME Subjects	Batches	Name of the Faculty
Design For Consumer	M.E. Mechanical Engineering (Manufacturing Technology) – 2021 Batch	Dr Niraj Bala
Technology Management	Master’s degree Computer Science and Engineering (Regular Mode) Programme – 2020 Batch, 3 rd Semester – Evaluation	Er. Amardev Singh
Technology Management	Master’s degree Computer Science and Engineering (Modular Mode) Programme – 2019 Batch, 6 th Spell	Er. Amardev Singh

II.

A. STUDENT TRAINING Organized:

Sr. No.	Name of the Course alongwith dates & place	No. of weeks	Participation		Total No. of Participants
			Poly	Engg.	
1	Student Training programme through ICT-cum-contact mode on the topic of “Students grooming for Entrepreneurship”; Engineering Students; Chandigarh; Venue: CCET (Degree Wing) Chandigarh	Two Days; 17 & 18 February, 2022	- NIL -	175	175

B. INTERNATIONAL CONFERENCES Organized

Sr. No.	Name of the Seminar/Conference	Total No. of Participants

C. NATIONAL CONFERENCES ORGANIZED:

Sr. No.	Name of the Seminar/Conference	Total No. of Participants

III WORKSHOPS CONDUCTED (OTHER THAN CURRICULUM DEVELOPMENT WORKSHOPS):

Sr. No.	Name of the Workshop along with dates and venue	Total No. of Participants

IV. INSTRUCTIONAL MATERIAL DEVELOPMENT

Sr. No.	Type of Instructional Material Developed	Author(s) /Team	Project Completed In progress	Specific Achievements during the year	Target date of completion
PRINT MATERIAL					
1	Operational Manual / Guidelines on "Intellectual Property Rights	ADS/HVS/NB	Completed	Final phase editing of remaining content on further three mechanisms of IP protection as per Indian System done	-N.A.-
NON-PRINT MATERIAL					
1	Presentation Slides for Short Term Training Programmes (STTPs) conducted by EDIC department	NB/SKD/HVS/ADS	Completed	- Participation <ul style="list-style-type: none"> ▪ Prepared presentation slides / handouts for the sessions engaged by self in STTPs conducted during Jan 2022 – Mar 2022 by EDIC department ▪ Introduction of new topics by outside experts 	-N.A.-
2	Course / Instructional Material Booklet(s) for Short Term Training Programmes (STTPs) conducted by EDIC department	NB/SKD/HVS/ADS	Completed	- Participation <ul style="list-style-type: none"> ▪ Compiled presentation slides / handouts for the sessions scheduled in STTPs 	-N.A.-

				conducted by respective faculty as a coordinator from EDIC department during Jan 2022 – Mar 2022 in respective programme-wise bunches in soft form	
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INSTRUCTIONAL MATERIAL DEVELOPMENT

Type of Instructional Material	No. Completed during 2021-22	Remarks (if any)
PRINT :		
Text Books		
Lab. Manuals		
Teachers' Manual		
Modules		
Readers	01	-NA-
Any other (Please specify)	Operational Manual (01)	-NA-
NON-PRINT :		
Video Films		
CAI Packages		
Experimental Kits		
Charts		
Any other (Please specify)		

Information above to be given only in case of completed Learning Resources. Title of the material(s) (topics/subjects as the case may be) should also be given.

V. CURRICULUM DEVELOPMENT

A. CURRICULA DESIGNED:

B. CURRICULA REVISED:

C. CURRICULUM DEVELOPMENT WORKSHOPS:

Sr. No.	Name of Curriculum	Number of Subjects/Course	Beneficiary States	Participation		
				Poly.	Ind.	Others

VI. RESEARCH AND DEVELOPMENT

Sr. No.	Name of Project	Team	Beneficiary State	Status of Project completed/ In progress	Specific work done during the year	Target date of completion
A. RESEARCH STUDIES						
1	PhD of Scholar Ms. Shikha Patheja, on the Topic: Relationship of Retention Strategies and Employee Career Stage in Insurance Industry in Delhi-NCR	Prof SK Dhameja (Supervisor)	IKG-PTU Jalandhar	Completed and Degree Awarded	Thesis writing, Pre-PhD seminar, Final Thesis submission Final PhD seminar, conduct of final Viva.	Completed
2	PhD of Scholar Ms. Savita, on the Topic: Noise Trading in Indian Stock Market: An Empirical Study	Prof SK Dhameja (Supervisor)	IKG-PTU Jalandhar	Completed and Degree Awarded	Thesis writing, Pre-PhD seminar, Final Thesis submission Final PhD seminar, conduct of final Viva.	Completed
3	PhD of Scholar Ms. Shivani Dhand, on the Topic: Impact of HR Practices on Organizational Performance of Start-ups in Punjab, Haryana and Himachal Pradesh	Prof SK Dhameja (Supervisor)	IKG-PTU Jalandhar	Completed and Degree Awarded	Thesis writing, Pre-PhD seminar, Final Thesis submission Final PhD seminar, conduct of final Viva.	Completed
4	PhD of Scholar Ms. Divya Sharma, on the Topic: Impact of Doctrine of Karma in providing Transformational Leadership to the students - A study of selected universities in Delhi – NCR	Prof SK Dhameja (Supervisor)	IKG-PTU Jalandhar	Completed and Degree Awarded	Thesis writing, Pre-PhD seminar, Final Thesis submission Final PhD seminar, conduct of final Viva.	Completed
5	PhD of Scholar Ms. Madhulika, Reg No. 1409066, IKG-PTU Jalandhar on the Topic: A study on job satisfaction among personnel of Bharat Heavy Electrical Ltd.	Prof SK Dhameja (Supervisor)	IKG-PTU Jalandhar	Final Thesis submitted	Thesis writing, Pre-PhD seminar, Final Thesis submission. Final Viva pending.	May/June 2022.
6	‘Green IT’ Orientation of IT enabled Services Sector: An Appraisal of Indian Firms	Dr Piyush Verma, Thapar University Patiala	-NA-	In Progress	Supervision of Ph.D candidate Mr Amardev Singh, Regd. No.: 2016FPM002; Part time Ph.D student at Thapar University; by Dr. H.V. Samalia	June, 2022 (Expected)
7	“A Ruffled Mind Makes a Restless Pillow: Entrepreneurial Well-being and Opportunity Recognition”	Prof Safal, IIM Kashipur Prof Kunal, IIM Kashipur	-NA-	In Progress	Providing supervision as TAC expert member to Ph.D candidate Mr Rahul Yadav;	October, 2022

					Regd. No: FPM 1711; Ph.D student at IIM Kashipur; Dr. H.V. Samalia	
B. DEVELOPMENT PROJECTS						
C. DISSERTATION FOR MASTER'S DEGREE PROGRAMMES COMPLETED						
1.	M. Tech Thesis of student Mr Ashish on the Topic: Design and Development of IIOT Enabled Robot Manipulator	Prof. S.S. Dhama and Prof. Niraj Bala (Supervisors)	NITTTR Chandigarh	Pre thesis presentation Completed	Pre thesis report preparation and presentation	December, 2022
2.	M. Tech Thesis of student Ms. Lopamudra on the Topic: Hand Position Identification in Simulated Robot Collaborative Environment	Prof. S.S. Dhama and Prof. Niraj Bala (Supervisors)	NITTTR Chandigarh	Pre thesis presentation Completed	Pre thesis report preparation and presentation	December, 2022
3.	M. Tech Thesis of student Mr. Arvind Kumar on the Topic: Effect of Cryogenic Treatment on the Performance of Carbide Inserts during Manufacturing of AISI 316L Stainless Steel	Prof. S.S. Dhama and Prof. Niraj Bala (Supervisors)	NITTTR Chandigarh	Pre thesis presentation Completed	Pre thesis report preparation and presentation	December, 2022
4.	M. Tech Thesis of student Mr Ashiah Patial on the Topic: Experimental Investigations on Mechanical and Tribological Properties of Friction Stir Processed AISI 4140 steel	Prof. S.S. Dhama and Prof. Niraj Bala (Supervisors)	NITTTR Chandigarh	Pre thesis presentation Completed	Pre thesis report preparation and presentation	December, 2022

VII. EXTENSION SERVICES AND CONSULTANCY

Sr. No.	Name of Project	Team	Beneficiary Organization	Status of Project Completed/in Progress	Specific work done during the year
A. EXTENSION SERVICES PROJECTS:					
Dr. Niraj Bala					
1	Deemed to be University status for NITTTR Chandigarh	Prof. Rakesh Wats Prof. C Rama krishna	NITTTR Chandigarh	completed	Gave inputs for the preparation of draft background material on TOR2: To design the functional restructuring of NITTTRs so that the

		Prof. Sunil Dutt Prof. K G Srinivasa Prof. U N Roy Prof. Niraj Bala Dr. Meenakshi sood Dr. Balwinder Singh Dhaliwal Mrs. Himmi Gupta			Institute can fulfill their primary mandate of training of technical teachers on lines of NEP 2020 including but not limited to relevance of departments, courses and training programmes being run, industrial linkage of the courses, target group of trainees etc.
2	Delivered Expert talk on 3D printing and its Applications	Dr Niraj Bala	Baba Banda Singh Bahadur Engineering College Fatehgarh Sahib on 2 nd March 2022 11am onwards	completed	Delivery of Lecture
3	Delivered Expert talk on “Get up and Go”- A motivational talk focusing on Innovation, Entrepreneurship and Start-ups	Dr Niraj Bala	Sri Krishna College of Engineering and Technology(A utonomous),C oimbatore on 22 nd February, 2022 11am onwards	completed	Delivery of Lecture
4	Delivered Expert Talk on “Fabrication and Tribological Behavior of Magnesium Based Composites”	Dr Niraj Bala	AICTE-ISTE Refresher program on ”Advanced Materials for Sustainable Engineering organized by IPS College of Technology & Management, Gwalior on January 06, 2022 at 11:45 AM to 01:15 PM	completed	
5	Delivered Expert Talk on the topic “Applications of Cold Spray Coatings”	Dr Niraj Bala	AICTE-ISTE sponsored Induction / Refresher Program on “S urface Engineering & Coatings: Fundamentals, Practice & Applications”	completed	

			organized by I.K.G. Punjab Technical University, Jalandhar on 18.02.22		
Dr. S.K. Dhameja					
6	Deemed to be University status for NITTTR Chandigarh	SKD/HS/SS D/LM/AKD PKS/HVS	NITTTR Chandigarh	completed	Prepared draft background material on TOR3: To suggest the statutory, administrative and financial model to make NITTTRs Academically and financially autonomous and sustainable
Dr. Harsh Vardhan Samalia					
7	Delivered the expert lectures on “Business level Strategies”, “Value Chain Analysis”, “Industry Analysis”, and “Grand Corporate Strategies” for the PGDM(ABM) students of National Institute of Agricultural Marketing (NIAM) Jaipur	Dr. H.V. Samalia	National Institute of Agricultural Marketing (NIAM) Jaipur	Completed	Delivery of the lecture
8	Delivered the expert lecture on “Strategic Perspective of Computer Integrated Manufacturing” in Short Term Course (E-STC) on Computer Integrated Manufacturing organized by NIT Hamirpur	Dr. H.V. Samalia	National Level NIT Hamirpur	Completed	Delivery of the lecture
Er. Amardev Singh					
9	EX-9 Rural Entrepreneurship Promotion	HKV/ADS	All states	In Progress	Co-ordination
10	Assistance to NPIU, AICTE, NBA, DTEs, BTEs, MoE, UGC Etc.	EDIC	All states	On-going	Er. Amardev Singh performed: > Teaching - Delivered a lecture in online mode on February 11, 2021 on “Start Art for Start-ups” for IIC Lecture Series organized by Chitkara Business School, Chitkara University, Punjab - Engaged online sessions on January 19, 2022 on “Introduction to MS Excel” and on January 25, 2022 on “Power Point Presentation”

					<p>during a Training Programme on Group B, C, D officials Department of Industries and Commerce, Punjab under Intensive Training Programme of Government of India organized by MDC, MGSIPA from 17-28 January, 2022 (online mode)</p> <ul style="list-style-type: none"> - Engaged online sessions on February 9, 2022 on “New Product Opportunity Identification” and “Design Thinking” for the students of B. Tech courses organized by C.D.L.S.I.E.T., Panniwala Mota, Sirsa (Haryana) - Delivered sessions on 17th February, 2022 on “Stress Management- Concept, Techniques and Tools” and on 18th February, 2022 on “Technology Adoption and Consumer Behaviour in Textile & Clothing” during Online FDP on "Emerging Trends in Textile Technology (ETTT)" organized by Maharaja Ranjit Singh Punjab Technical University, Bathinda from 14-20 February, 2022 - Engaged an online session on February 24, 2022 on “Professionalism – The Key to Effective Teaching” during a AICTE sponsored Online Faculty Development Program on ‘Communication & Leadership Skills in Teaching’ organized by Desh Bhagat Foundation Group of Institutions, Moga
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					(Punjab) in association with MRSPTU, Bathinda from 21 – 26 February, 2022
B. CONSULTANCY PROJECTS:					

VIII. TRAINING PROGRAMMES ATTENDED BY THE INSTITUTE FACULTY/STAFF

Sr. No.	Title of Training Programme	Period of Training	Venue	Attended by

IX. IN-HOUSE TRAINING PROGRAMMES

Sr. No.	Title of Training Programme	Period of Training	Attended by

X. OTHER CONTRIBUTIONS INCLUDING INDIVIDUAL CONTRIBUTION

A. PATENTS/COPYRIGHT

Sr.No.	Name of Patents/Copyright	Author (s) Name

B. PAPERS PUBLISHED BY THE INSTITUTE FACULTY:

SCI JOURNAL

Sr. No.	Name of the Paper Published	Author (s) Name
1	<i>“Enablers and Inhibitors of Cloud Computing Adoption in Indian Small and Medium sized Enterprises”</i> , International Journal of Entrepreneurship and Small Business; DOI: 0.1504/IJESB.2022.10035809 {Scopus Indexed}	Devesh Kumar and Harsh Vardhan Samalia

C. PAPERS PUBLISHED BY THE INSTITUTE IN INTERNATIONAL JOURNAL OTHER THAN SCI JOURNALS

Sr.No.	Name of the Paper Published	Author (s) Name

D. PAPERS PUBLISHED BY THE INSTITUTE FACULTY IN NATIONAL JOURNAL

Sr.No.	Name of the Paper Published	Author (s) Name

E. PAPERS PUBLISHED / PRESENTED IN INTERNATIONAL CONFERENCES/SEMINARS

Sr.No.	Title of the Paper Presented/Accepted alongwith a Name of the Conference/Seminar (venue, with date)	Author (s) Name

PAPERS PUBLISHED / PRESENTED IN NATIONAL CONFERENCES/SEMINARS

Sr.No.	Title of the Paper Presented/Accepted alongwith a Name of the Conference/Seminar (venue, with date)	Author (s) Name

F. ANY OTHER ACTIVITIES:

I. AT DEPARMENTAL LEVEL

STTPs / STCs / FDPs CONDUCTED ALONG WITH NUMBER OF PARTICIPANTS

Sr. No.	Name of the Course alongwith dates & place	No. of weeks	Participation			Total No. of Participants
			Poly	Engg.	Others	
1	Operations Strategy for Competitive Advantage in Post COVID era Online	One Week; 10/01/2022 To 14/01/2022		27		27
2	Harnessing Innovations through Intellectual Property Rights Online	One Week; 31/01/2022 To 04/02/2022		06		06

3	Strategic Management and SWOT Analysis for Business Excellence Online	One Week; 14/02/2022 To 18/02/2022	47	47
4	Technology and Human Values - Aspects and Prospects GPC, Khunimajra, Mohali (Punjab)	One Week; 21/03/2022 To 25/03/2022	44	44
5	Entrepreneurship Development for Business Start-ups Govt. Polytechnic College, Panchkula (Haryana)	One Week; 21/03/2022 To 25/03/2022	30	30
6	Harnessing Innovation through IPR and Entrepreneurship C.D.L.S.I.E.T., Panniwala Mota, Sirsa (Haryana)	One Week; 21/03/2022 To 25/03/2022	36	36